MINUTES OF THE 97th MEETING OF STATE EXPERT APPRAISAL COMMITTEE, (SEAC), TELANGANA STATE HELD ON 12.01.2021, 2.00 P.M.

MINUTES OF THE 97th MEETING OF STATE EXPERT APPRISAL COMMITTEE (SEAC) HELD ON 12.01.2021 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.(Ms)Thatiparthi Vijayalakshmi Plot No.110, Siddartha Nagar, S.R. Nagar Post, Hyderabad-500038. Ph: 9440896661	Member
3.	Dr.K.Shivakumar, Plot No. 328, Flat No: 302, Mehar Ninan, KPHB 6th phase, Kukatpally, Hyderabad-500072 Ph: 9951701067	Member
4.	Dr.Vemula Vinod Goud, H.No. 6-156, Sridurga Estates, Deepthisri Nagar, Madinaguda, Hyderabad-500049. Ph:9440386945	Member
5.	Prof.A.Panasa Reddy, H.No. 4-7-17/5/1, Ragharendra Nagar, Nacharam, Hyderabad-500076. Ph: 9849957268	Member
6.	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
7.	Shri Ravindra Samaya Mantri H.No: 3-5-44/1, Flat No. 301, Areadia Apartments, Edengaden Road, Hyderabad- 500001. Ph:9491145160	Member
8.	Prof.B.Reddya Naik, Department of Zoology, University College of Science, Osmania University, Hyderabad-500007. Ph: 9290491044	Member
9.	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.

Minutes of the SEAC Meeting held on 12.01.2021

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 12.01.2021.

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

genda Item No. 01	**2.00 Ha. Black Granite Mine of M/s. Sai Granites, Survey No. 176,177 (Patta land), Eswaramadharam Village, Kusumanchi Mandal, Khammam District.- Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/144304/2020 (EC)**

Earlier, the SEIAA in its meeting held on 19.12.2020 referred back the proposal to SEAC for ascertaining exact distance (aerial distance) of human habitation from the boundary of mine lease area as the proponent claims 160 mts and sub-committee reported as 210 mts.

In this regard the SEAC noted that the proponent reported the distance of nearest human habitation as 160 mts considering the last house. But, the sub committee reported the distance of the nearest human habitation as 210 mts, as the last house of the village was not considered due to its dilapidated condition as seen from the photographs and also nobody is living in that house.

In view of the above, and after detailed discussion, the SEAC again recommended the project for issue of EC.

Agenda Item No. 02	**1.130 Ha. Black Granite Mine of M/s. Midweswt Granite Pvt Ltd, Sy. No.190/A2 and 191/A/AA, Theegalaveni Village, Gudur Mandal, Mahabubabad District - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/33301/2019 (EC)**

Earlier, the SEAC in its meeting held on 23.12.2020 noted that the proponent has not submitted NOC issued by M/s. Shri Sailaja Exports Pvt. Ltd., for transfer of EC.

Now, the proponent submitted the NOC issued by M/s. Shri Sailaja Exports Pvt. Ltd., vide lr.dt.04.01.2021.

But, it is observed that the proponent has applied for transfer of EC in PARIVESH under "EC" instead of applying under "MODI-EC". Hence, after detailed discussions, the SEAC decided to return the proposal and informed the proponent to apply the proposal for transfer of EC under "MODI-EC".

Agenda Item No. 03	**0.50 Ha. Black Granite Mine of M/s. Midweswt Granite Pvt Ltd., 191 and 194, Theegalaveni Village, Gudur Mandal, Mahabubabad District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/33366/2013 (EC)**

Earlier, the SEAC in its meeting held on 23.12.2020 noted that the proponent has not submitted NOC issued by M/s. Shri Sailaja Exports Pvt. Ltd., for transfer of EC.

Now, the proponent submitted the NOC issued by M/s. Shri Sailaja Exports Pvt. Ltd., for transfer of EC vide lr.dt.04.01.2021.

But, it is observed that the proponent has applied for transfer of EC in PARIVESH under "EC" instead of applying under "MODI-EC". Hence, after detailed discussions, the SEAC decided to return the proposal and informed the proponent to apply the proposal for transfer of EC under "MODI-EC".

Agenda Item No. 04	**M/s. Sensation Vijetha Skyscrapers LLP., Survey No. 9/1, Bahadurguda (V), Saroornagar Mandal, Ranga Reddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIS/148694/2020 (EC)**

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

Earlier, the SEAC in its meeting held on 17.06.2020 informed that the proponent to submit the Risk Assessment report & Disaster Management Plan.

CHAIRMAN, SEAC

Accordingly, the proponent has submitted Risk Assessment report & Disaster Management Plan and the SEAC noted the contents of the report. After detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 05	**3.960 Ha. Building Stone and Road Metal Quarry of M/s. Sri Anjaneya Stone Crusher, Survey No. 685, Damera Village, Elkathurthy Mandal, Warangal Urban District - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/33029/2019 (EC)**

The representative of the project proponent Sri P. Sridhar Rao; and Sri Hari Prasad of M/s. Rightsource Industrial Solutions Pvt. Ltd. Hyderabad, attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 18.06.2018 of the DDMG, Warangal District that quarry lease renewal was granted in favour of the proponent for a further period of 20 years. It was informed that lease was initially granted in 2008. It may be noted that the Mine Lease is granted before 09.09.2013. The proponent submitted application along with Scrutinized /Approved Mining Plan & EMP Report.

The Proponent also submitted a copy of lr.dt. 02.03.2019 of ADMG, Warangal (Urban) District informing that there are no existing quarry leases falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 3.96 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 3.96 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 Damera (V) which is existing at a distance of 0.85 km; and nearest water body exists at 145 m(N) from the boundary of the site.

It is proposed to mine 79,005 m^3/annum of Building Stone & Road Metal and the life of mine is reported as 29 years @ 64,948 m^3/annum.

The opencast semi-mechanized method with drilling & blasting operations are adopted for quarrying.

The proponent is proposing the following measures towards control of Air Pollution:

a. Regular spraying of water by water sprinkling system on haul roads and retaining wall within the premises.
b. Drilling with wet gunny bags on drilling surface.
c. Blasting with low explosives.
d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
e. Dust masks for employees.
f. Covering the Mineral carrying vehicles with tarpaulin covers.
g. Plantation of trees to reduce the impact of dust in the nearby villages. Fertile soil will be purchased locally to spread on dump for plantation.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 5.0 KLD. Out of that, 2.0 KLD is used for Dust suppression, 1.0 KLD for Wet drilling, 1.0 KLD for development of green belt and 1.0 KLD for domestic purpose. Wastewater generated from the domestic section is to be disposed into septic tank followed by soak pit.

The proponent informed that no waste is anticipated in the mine lease area. The project proponent is proposing garland drain with siltation ponds around the mine lease area to arrest siltation. The proponent is proposing plantation of local species like Neem, Pongamia, Tamarind & Cassia fistula.

CHAIRMAN, SEAC

The total cost of the project is Rs. 40.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 6.0 lakhs and recurring cost: Rs. 3.53 Lakhs/annum.

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

Agenda Item No. 06	**1.978 Ha. Building Stone & Road Metal Quarry of M/s. Kanakadurga Stone Crusher, Sy. No.186/1, Muthyampet Village, Koutala Mandal, KumarambeemAsifabad District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/44752/2019 (EC)**

The representative of the project proponent Sri K. Ramchander; and Sri Hari Prasad of M/s. Rightsource Industrial Solutions Pvt. Ltd. Hyderabad, attended and made a presentation before the SEAC.

Earlier, the SEAC in its meeting held on 24.01.2020 informed the proponent to submit the following:

- Document issued by the Competent Authority stating that the proponent has not encroached the land beyond the mine lease area and details of mining operations carried out in the adjacent site whether by the M/s. Kanakadurga Stone Crusher or others.
- Details of ECs obtained by the mines located within the 500m.

Accordingly, the proponent submitted a copy of lr. dt. 13.03.2020 of the ADMG, Kumaram Bheem Asifabad submitting report on encroachment of land beyond quarry lease area. It was reported that the lease area was allotted to Jaganathpur project in 2000 in the name of M/s. Viaya Laksmi Stone Crusher and it was operated for 4 years and on local enquiry with the villagers it is revealed that the local wadderas worked long back for their livelihood. The file of M/s. Vijaya Laxmi Stone Crusher was not trasable in the office of the ADMG. The area excavated by M/s. Kanakadurga stone crusher is within the alloated area.

The SEAC noted from Procds. dt.20.12.2001 of the ADMG, Mancherial that quarry lease was granted in favour of the proponent for a period of 20 years and 1st Renewal of quarry lease was granted for 20 years, as per Notice dt.06.10.2017 of the DDMG, Nizamabad. It may be noted that the Mine Lease is granted before 09.09.2013. The proponent submitted application along with Scrutinized /Approved Mining Plan & EMP Report.

However, the Proponent also submitted a copy of lr.dt.09.10.2019 of ADMG, Kumaram Bheem Asifabad District informing that there are two existing quarry leases of M/s. Vallabhaneni Constructions Pvt. Ltd. (1.85 Ha. – lease work order dt.19.2.2018) and M/s. Ganesh Stone Crusher Industry (1.618 Ha. – lease work order dt.10.09.2014) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 1.978 Ha. The Cluster is not applicable to the project as the mine lease was initially granted before 09.09.2013. 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 Muthyampet (V) which is existing at a distance of 1.3 km; Muthyampet Lake exists at 0.85 km and Muthyampet RF exsits at 3.1 km from the boundary of the site.

It is proposed to mine 43,452 m^3/annum of Building Stone & Road Metal and the life of mine is reported as 13 years @ 31,274.4 m^3/annum.

The opencast semi-mechanized method with drilling & blasting operations are adopted for quarrying.

The proponent is proposing the following measures towards control of Air Pollution:

a. Regular spraying of water by water sprinkling system on haul roads and retaining wall within the premises.
b. Drilling with wet gunny bags on drilling surface.

CHAIRMAN, SEAC

c. Blasting with low explosives.
d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
e. Dust masks for employees.
f. Covering the Mineral carrying vehicles with tarpaulin covers.
g. Plantation of trees to reduce the impact of dust in the nearby villages. Fertile soil will be purchased locally to spread on dump for plantation.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 3.0 KLD. Out of that, 1.0 KLD is used for Dust suppression, 1.2 KLD for development of green belt and 0.8 KLD for domestic purpose. Wastewater generated from the domestic section is to be disposed into septic tank followed by soak pit.

The proponent informed that no waste is anticipated in the mine lease area. The project proponent is proposing garland drain with siltation ponds around the mine lease area to arrest siltation. The proponent is proposing plantation of local species like Neem, Mango, Subabul etc.

The total cost of the project is Rs. 30.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 4.20 lakhs and recurring cost: Rs. 3.56 Lakhs/annum.

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

Agenda Item No. 07	**2.985 Ha. Colour Granite Mine of M/s. Anjan Babu, Survey No. 786 of Parlapally (V), Thimmapur (M), Karimnagar District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/44290/2019 (EC)**

Earlier, the SEAC in its meeting held on 24.01.2020 informed the proponent to submit the following:

- Cluster letter issued by Competent Authority to their proposed 2.985 Ha. quarry, so as to ascertain the Net Cluster area to consider the project under B1 /B2 category.
- Details of Over Burden / Solid Waste Management, as the area proposed may not be sufficient.

The project proponent again submitted the cluster letter issued to same 2.4 ha. lease area. Hence, the SEAC defered the project for consideration after submission of above documents.

Agenda Item No. 08	**1.00 Ha. Building Stone & Road Metal of Sri Sampangi Laxmaiah, Survey No.493 of Kannala Village, Palakurhty Mandal, Peddapally District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/43371/2019 (EC)**

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

During presentation, the proponent informed that it is an old mine and mining was carried out by others earlier. Now, the mining department has granted lease (in-principle) to the mine afresh to the proponent.

The SEAC noted from Notice dt. 16.04.2019 of the DDMG, Warangal that quarry lease was granted in favour of the proponent for a further period of 15 years. It may be noted that the Mine Lease is granted after 09.09.2013. The proponent submitted application along with Scrutinized /Approved Mining Plan & EMP Report.

The Proponent also submitted a copy of lr.dt. 13.09.2019 of ADMG, Peddapalli District informing that there are 10 quarry leases are falling within 500m out of which 7 quarry leases were granted prior to 2013 and remaining 3 quarry leases were granted after 2013.

The SEAC noted that the mine lease area is 1.00 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 10.52 Ha. Net Cluster area is 2.67 Ha. which is less than 5.0 Ha.

CHAIRMAN, SEAC

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 Bodaguttapally (V) which is existing at a distance of 730m; and Ranginedu Cheruvu exists at 1.5 km from the boundary of the site.

It is proposed to mine 12,000 m^3/annum of Building Stone & Road Metal and the life of mine is reported as 22 years @12,000 m^3/annum.

The opencast semi-mechanized method with drilling & blasting operations are adopted for quarrying.

The proponent is proposing the following measures towards control of Air Pollution:

a. Regular spraying of water by water sprinkling system on haul roads and retaining wall within the premises.
b. Drilling with wet gunny bags on drilling surface.
c. Blasting with low explosives.
d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
e. Dust masks for employees.
f. Covering the Mineral carrying vehicles with tarpaulin covers.
g. Plantation of trees to reduce the impact of dust in the nearby villages. Fertile soil will be purchased locally to spread on dump for plantation.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 5.0 KLD. Out of that, 1.5 KLD is used for Dust suppression, 1.5 KLD for development of green belt and 2.0 KLD for domestic purpose. Wastewater generated from the domestic section is to be disposed into septic tank followed by soak pit.

The proponent informed that no waste is anticipated in the mine lease area. The project proponent is proposing garland drain with siltation ponds around the mine lease area to arrest siltation. The proponent is proposing plantation of local species like Neem, Teak & Eucalyptus.

The total cost of the project is Rs. 10.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 2.0 lakhs and recurring cost: Rs. 1.0 Lakhs/annum.

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

Agenda Item No. 09	**4.654 Ha. Quartz and Feldspar of Sri P.Kathal, Sy.No 97, Salarpur village, Kadthal Mandal, Rangareddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/140737/2020 (EC)**

Earlier, the SEAC in its meeting held on 23.05.2020 informed the proponent to submit a copy of NOC from the concerned DFO of Forest Department.

Accordingly, the project proponent submitted the copy of NOC dt. 08.09.2020 issued by the Forest Regional Officer, Amanagallu for proposed mine.

Hence after detailed discussions, the SEAC again recommended the project for issue of EC.

Agenda Item No. 10	**"Residential Hi-Rise Buildings" by M/s. Legala Estates Private Limited., Sy. No 82(P), 83(P) & 84(P), Serilingampally Village & Mandal, Ranga Reddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIS/47430/2019 (EC)**

The representative of the project proponent Sri N. Srinivas; and Smt. Vasantha & Smt. Reshma Thakur of M/s. KKB Envirocare Consultants Pvt. Ltd., attended and made a presentation before the SEAC.

Earlier, the SEAC in its meeting held on 27.02.2020 informed the proponent to submit clarification on EMP measures and protective measures proposed by the proponent w.r.t. Gopi Cheruvu existisng on down stream side of the project site, along with supporting documents.

CHAIRMAN, SEAC

In this regard, the proponent submitted following clarification on EMP measures and protective measures proposed by the proponent w.r.t. Gopi Cheruvu existing on down stream side of the project, along with supporting documents.

The construction activity will be undertaken after leaving 4 mts of additional land in addition to 30 mts buffer zone, where greenbelt is undertaken. The STP will be constructed in the Cellar between Tower 2 and Tower 3 at the project site with 20% excess storage capacity. The total treated water will be used for greenbelt, flushings and DG cooling within the project site & excess water will be discharged to the HMWS&SB sewage pipeline diagonally opposite to the Gopi Cheruvu. The excess treated water is stored in the storage tank & pumped to the sewage lines. No water from the premises will be allowed flow in the Gopi Cheruvu direction as the land gradients will be planned accordingly.

In addition to this, a RCC retaining wall all along the buffer zone of the lake will be constructed with a total height of 9.8 mts thus the proponent proposes to protect the lake from discharge/flow of any water/treated wastewater from the project site to Gopi Cheruvu.

The SEAC noted the above measures proposed by the proponent for protection of Gopi Cheruvu and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 11	**1.892 Ha. Mosaic Chips Quarry of M/s. NCL Alltek & Seccolor Ltd., Sy.No. 318(G.L), Raghunadhapalem (V), Mattampally (M), Suryapet District.- Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/140905/2020 (EC)**

The representative of the project proponent Sri Raju K. Subramani; and Smt. Srilatha of M/s. Pridhvi attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 09.07.2019 of the DDMG, Hyderabad that quarry lease was granted 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 application along with Scrutinized /Approved Mining Plan & EMP Report.

The Proponent also submitted a copy of lr.dt. 26.07.2019 of ADMG, Suryapet District informing that there are no quarry leases falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 1.892 Ha (Ac 4.27 gts). which is less than 5.0 Ha. It is further noted that the total Cluster area is 1.892 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 Raghunadhapalem (V) which is existing at a distance of 0.56 km; nearest RF ie., Yepal Madhavaram RF exists at a distance of 1.7 km; and Seasonal Nala exists at a distance of 0.17 km from the boundary of the site.

It is proposed to mine 63,432 TPA of Mosaic Chips and the life of mine is reported as 5.75 years (@ 56,484.48 TPA).

The opencast semi-mechanized method with drilling & blasting operations are adopted for quarrying.

The proponent is proposing the following measures towards control of Air Pollution:

a. Regular spraying of water by water sprinkling system on haul roads and retaining wall within the premises.
b. Drilling with wet gunny bags on drilling surface.
c. Blasting with low explosives.
d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
e. Dust masks for employees.
f. Covering the Mineral carrying vehicles with tarpaulin covers.
g. Plantation of trees along the roads and OB dump to reduce the impact of dust in the nearby villages. Fertile soil will be purchased locally to spread on dump for plantation.

CHAIRMAN, SEAC

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 6.0 KLD. Out of that, 2.5 KLD is used for Dust Suppression, 1.5 KLD for development of green belt and 2.0 KLD for domestic purpose. Wastewater generated from the domestic section is to be disposed into septic tank followed by soak pit.

The proponent is planning to dump OB within their Mine Lease Area. The proponent is proposing retaining wall around the dump on dip side to arrest the loose material. They are proposing local species of plants for plantation along the Roads & OB dump. The project proponent is proposing garland drain and siltation pond to arrest siltation. The proponent is proposing plantation of Neem, Badam, Peepal, Kanuga, Seethaphal & Mango.

The total cost of the project is Rs. 28.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 5.45 lakhs and recurring cost: Rs. 2.90 Lakhs/annum.

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

Agenda Item No. 12	**M/s. Dell International Services India Pvt. Ltd., Plot No. 42/ Survey No.64, Campus at Hitec City, Hyderabad, Madhapur (V), Serilingampally (M), Ranga Reddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIS/170671/2020 (EC)**

The representative of the project proponent Sri David & Sri Siva; and Sri Sankalp of M/s. ERM Consultants attended and made a presentation before the SEAC.

Earlier, the SEAC in its meeting held on 20.11.2020 requested the proponent to furnish clarification on parking details including no.of four wheelers & two wheelers and solidwaste as the parking area is insufficient w.r.t. G.O.Ms.No.168, dt. 07.04.2012.

Accordingly, the proponent vide lr. dt. 17.12.2020 submitted following clarification.

*The total built-up area provided is 56,696.8 Sq. m and the parking area provided in the project is **23,950 Sq. m**(~42% of BUA) as below:*

Description	***Parking Area Provided, Sq. m.***			***Parking (nos.)***	
	Existing	***Proposed***	***Total***	***Cars****	***2wheelers***
Stilt-1	*3,876*	*-*	*3,876*	*97*	*388*
Stilt-2	*5,887*	*-*	*5,887*	*147*	*589*
Ground Floor	*6,576*	*1,040*	*7,616*	*218*	*761*
Off-Street Parking	*5,662*	*-*	*5,662*	*196*	*755*
Multi-Level Parking	*909*	*-*	*909*	*57*	*-*
	22,910	*1,040*	*23,950*	*715*	*2,493*

We would also like to state that we are providing nodal/home transport facility (Pick-up and drop) for ~ 2,000 employees. As a responsible corporate citizen, we also encourage car-pooling, cycling to office and support a host environment improvement related activities.

As part of the current project, Dell is trying to explore the vertical space to provide good and comfortable parking experience to employees and is creating additional parking space of ~1,000 Sq. m.

As the Site was commissioned in 2006, the approval on the building including Parking Area was obtained as per the National Building Code (NBC) 2005 norms (minimum 30% of BUA as parking) that existed at that time.

In view of these we would humbly request the honourable committee to exempt the referred requirement as per G.O.M. 168 dated 07.04.2012 in this project that was already existing in 2012 when this was published.

CHAIRMAN, SEAC

The following solid wastes are generated at the Site –
a) Food waste ~396 kg/day or 142 MT per annum;
b) Recyclable materials such as paper, wood, metals etc. ~594 MT per annum;
c) STP sludge ~ 190 kg/day or 68 MT per annum;
As per minimum and maximum suspended solid load, the sludge generated is minimum of 20 kg/day and maximum of 190 kg/day (considering the worst-case scenario) and on an average ~60 kg/day sludge is generated.

The SEAC noted from the above that the project proponent requested to relax G.O.Ms.No.168 to their project as their project was already constructed prior to 2006 and as per requirement then 30% was provided as per NBC norms and G.O.Ms.No.168 was issued in 2012 which is much later issued for implementation.

But, the SEAC also noted that though the project was constructed before issue of G.O.Ms.No.168, dt. 07.04.2012, now the proponent proposed expansion of the project i.e., after issue of G.O.Ms.No.168, dt. 07.04.2012.

In view of the above and after detailed discussions, the SEAC decided to reject the proposal due to insufficient parking area as per G.O.Ms.No. 168, dt. 07.04.2012.

Agenda Item No. 13	**Residential Development by M/s. Ramky Estates and Farms Limited (REFL), Survey No. 843 (P) & 844 (P), Patancheru (V), Patancheru (M), Sangareddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/NCP/57345/2020 (EC)**

The representative of the project proponent Sri Shyamprasad Reddy; and Sri Vijaya Kumar of M/s. Ramky Enviro Services Pvt. Ltd., attended and made a presentation before the SEAC.

Earlier, the SEAC in its meeting held on 20.11.2020 informed the proponent to submit NOC from I&CAD Dept.

Accordingly, the proponent submitted a copy of lr. dt. 03.12.2020 of the Executive Engineer, North Tanks Division, I&CAD Department addressed to the Chief City Planner, GHMC submitting report on clarification w.r.t. FTL/Buffer or Nala. It was reported that a Nala is passing adjacent to the applicant site in Sy. Nos. 843/P & 844/P situated at Parancheru (V&M). The proposed width of this stream/Nala at this reach as per design calculations is 35.00m for which applicant has to leave 27.00m from the centre of the existing Nala (i.e., 17.50m for Nala + 0.50m for retaining wall + 9.00m for buffer zone). So, the applicant site is getting affected partially in Nala portion and its 9.00m wide buffer zone. The applicant site is getting affected Ac 0-05 Gts in Nala portion and Ac. 0-19.2 Gts in Nala buffer portion. The net area available in applicant site is Ac. 13-13.80 Gts, as per G.O.Ms.No. 168, MA&UD, Dt. 07.04.2012 amended G.O.Ms.No. 07, MA&UD, Dt. 05.01.2016.

However, the applicant has to scrupulously adhere to the following conditions along with other conditions:

- The applicant shoud not obstruct/divert the run-off fromo catchment leading into the adjacent stream to the applicant site and has to provide suitale vents for free flow of water at entry and exit locations along the boundary.
- The applicant should provide an offset of 27.00 mts from the centre of the existing Nala on west side (i.e., 17.50m for Nala + 0.50m for retaining wall + 9.00m for buffer zone) of his stie location.
- The applicant should leave areas of Ac 0-05 Gts for Nala and Ac 0-19.20 Gts for 9.00m wide buffer in his site.
- Dumping/throwing of any type of effluents/wastes etc., and allowing sewerage water in to the tank/surplus course is strictly not allowed as it damages the quality of water.

The SEAC noted the above document along with EMP measures proposed by the proponent as per G.O.Ms.No. 168 and also noted the layout submitted by the proponent duly demarketing the Nala, FTL, Bufferzone etc.

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

Agenda Item No. 14	**2.0 Ha. Building stone & Road Metal of M/s. Sri Molugu Gal Reddy, Survey No: 83, Achampet Village, Yelduthy Mandal, Medak District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/39648/2019 (EC)**

Earlier, the SEAC in its meeting held on 23.05.2020 inform the proponent to submit a copy of NOC from the concerned DFO of Forest Department.

But, it is observed that the proponent has not yet submitted the clarification/document sought earlier. The proposal was included in the agenda inadvertently as it is system generated in PARIVESH. Hence, the SEAC decided to defer the proposal for consideration, after submission of NOC from the concerned DFO of Forest Department.

Agenda Item No. 15	**M/s. Hariox Therapeutics Private Limited, Sy.No. 117 A, 119 A/2,116 AA/1, Kamaram Village, Shankarampet Mandal, Medak District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/IND2/191201/2021 (EC)**

The representative of the project proponent Sri Kiran Reddy; and Sri P.V. Raju & Dr. Pallavi of M/s. M/s. Pridhvi Envirotech (P) Ltd., Hyderabad attended and made a presentation before the SEAC.

The SEAC noted that the proposal is for establishment of API manufacturing unit.

The SEAC noted the G.O.Ms. No. 95, dt. 21.09.2007 of the EFS&T Dept., GoAP; G.O.Ms. No. 64, dt. 25.07.2013 & G.O.Ms. No. 24, dt.24.04.2019. Of the EFS&T Dept., GoAP.

The SEAC examined the proposal as per the provisions laid under S.O.1223 (E), dt.27.03.2020 and considered the project under B2 Category.

The SEAC noted the contents of the EMP report and noted the details of the project after proposed project as follows:

Total area is 6.28 Acres out of which Green belt area is 2.14Acres (34%).

Nearest human habitation is Kamaram @ 1.27km in (W) direction and Mirzapalli @1.15 km in (N) direction; Nearest water body is Pond near project site @ 304.82 mts (W); Nearest RF is MirzapalliRF @ 1.02 km from the industry.

Project Cost for proposed Activity is Rs. 30.0 Crores. Budget for Environmental protection towards Capital Cost is Rs. 8.0 Crores and Recurring Cost is Rs. 512.0Lakhs/annum. Budget for CER is Rs.60.0lakhs in first 5 years.

The details of Products, by-products & production capacity are as following:

Products:

S.No	Name of Product	Capacity	
		Kg/day	TPM
1	Pitavastatin	282.00	8.46
2	Rosuvastatin calcium	266.67	8.00
3	Capecitabine	500.00	15.00
4	SitagliptinHCl	500.00	15.00
5	Gemcitabine Hydrochloride	333.33	10.00
6	Imatinibmesylate	333.33	10.00
7	Brinzolamide	333.33	10.00
8	Mifepristone	33.33	1.00

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9	Misoprostol	16.67	0.50
10	Montelukast sodium	500.00	15.00
11	Lansprazole	500.00	15.00
12	Omeprazole	500.00	15.00
13	Clopidogrel Bisulfate	666.67	20.00
14	Gabapentin	233.33	7.00
15	Bimatoprost	0.07	0.00
16	Carboprost	0.06	0.00
17	DinoprostTromethanine	0.07	0.00
18	Dinoprostone	0.07	0.00
19	Latanoprost	0.02	0.00
20	Tafluprost	0.02	0.00
21	Travoprost	0.03	0.00
22	R & D products	1.00	0.03
	Total	**5000.00**	**150**

Details of Utilities, Stacks & Air pollution control equipments proposed:

S.No.	Utility	Stack Height (mt)	APCE
1	**Coal fired Boiler:** 1x 6TPH&1 x 8 TPH	30 m	Bag filter
2	**Thermic fluid heater** 4.0 Lakh K.cal/hr	10 m	Adequate Stack
3	**DG Sets:** 2 x 1000 kVA	Adequate height	Acoustic enclosure

The **process emissions** containing Hydrogen Chloride, Sulphur dioxide& Ammonia are to be routed through Multi Stage Scrubber system. The process emissions containing derivatives of Carbon dioxide, Oxygen gas are to be safely dispersed into the atmosphere.

Details of Water requirement proposed:

S. No	Water required for	Fresh (KLD)	Recycled (KLD)	Total (KLD)
1	Process	57.3	-	57.3
2	Washings	10.0	-	10.0
3	Scrubber	3.0	-	3.0
4	Boiler make up	50.0	60	110.0
5	Cooling Towers make up	63.0	42	105.0
6	DM Plant	5.0	-	5.0
7	Domestic	5.0	-	5.0
8	Gardening	3.0	-	3.0
	Total	**196.3**	**102.0**	**298.3**

Details of Effluent generation, treatment & disposal Proposed:

S. No	Effluent generated from	HTDS (KLD)	LTDS (KLD)	Total (KLD)	Treatment & Disposal
1	Process	85.4	-	85.4	Zero Liquid Discharge System ie., **HTDS**: Stripper, MEE & ATFD. **LTDS**: Biological ETP & RO. Treated effluent to be reused in cooling towers, Boiler make-up and Scrubbers.
2	Washings	10.0	-	10.0	
3	Scrubber	3.0	-	3.0	
4	Boiler	-	11.0	11.0	
5	Cooling tower	-	10.0	10.0	
6	DM Plant	-	5.0	5.0	
7	Domestic	-	4.0	4.0	
Total :		**98.4**	**30.0**	**128.4**	

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Details of Solid Waste Proposed:

S.No	Description	Quantity	Remarks
1	MEE salts with 4 % Moisture	14.21 TPD	Sent to TSDF
2	ETP Sludge	0.25 TPD	
3	Inorganic residue	0.96 TPD	
4	Process organic & Distillation Residue	12.26 TPD	Authorized Cement Industries for co-processing
5	Spent Carbon	1.01 TPD	
6	Ash from boilers	13.3 TPD	Sold to brick manufacturers
7	Waste /Used Oil	500 LPM	Authorized Recyclers/ Re-processors
8	Mixed spent solvents	66.5 TPD	Authorized Recyclers
9	Used batteries	10 Nos/Annum	Sent to Authorized Recyclers
10	Container & container liners of hazardous waste & chemicals	2000 Nos/Month	After detoxification, disposed to outside agencies

During presentation, it was informed that Ura Cheruvu exists at a distance of 304.82 mts from the boundary of the proposed site. It was informed that the proposed site is situated on upstream side of the Ura Cheruvu and project land is not affected in FTL and Buffer Zone of Ura Cheruvu of Kamaram Village. The proponent submitted a copy of NOC dt. 02.01.2021 issued by the Executive Engineer, IB Division, Medak of I&CAD department. In the NOC it was reported that the said land in Sy. No. 117 A, 119 A/2, 116 AA/1 situated at upstream side of Ura Cheruvu of Kamaram Village is not affected in FTL, and Buffer Zone of Ura Cheruvu of Kamaram Village, further it is marked on location sketch map that the site is 304.82 mts away from the Buffer zone of the tank.

After detailed discussions, keeping in view of the proximity of nearest water body to the project, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site and submit report on present status of the project, impacts of the project on nearest human habitation, waterbody & surrounding environment, etc.,

Members of Sub-Committee:
1. Sri K. Siva Kumar.
2. Sri Ch. Krishna Reddy.

Agenda Item No. 16	**Multi Storied Residential Buildings By M/s. Spectra India Mega Projects Pvt Ltd., Sy. No. – 6, 6/A, 6/E, Injapur Village, Abdullapurmet Mandal, Ranga Reddy District & In Sy. No. 93, 94, 95 & 96, Saheb Nagar Kalan Village, Hayathnagar Mandal, Ranga Reddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIS/191478/2021 (EC)**

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

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Plinth Area	8490.62	30.16%
2	Road Area	5354.55	19.02%
3	Green Area	2904.99	10.32%
4	Open Area	3650.01	12.97%

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5	Future Expansion	7747.46	27.52%
	Net Site Area	**28147.6**	**100%**
6	Road Widening	659.63	
7	Nala Area including buffer zone	613.96	
8	Peripheral 12.0 M wide road	1425.96	
	Total Area	**30847.2**	

It was informed that the total plot area as per document is 31,539.92 Sq.m., but, the area physically available at site is only 30,847.19 Sq.m. The total built up area of the project is 82,568.07 Sq.m. The project consists of Residential Apartments with 5 Blocks A,B,C,D & E (C + S + 9 Floors) to accommodate a total no. of 513 units; and Amenities Block (C + G + 4 Floors).

It is also noted that Parking area to be provided 21,319.02 Sq.m., (34.81%) in Stilt & Cellar to park about 558 four wheelers and 419 two wheelers. It was informed that D.G. Sets of capacity 1 x 1500 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 353.0 KLD. Out of that, fresh water requirement is 247.0 KLD & recycled treated waste water is 106.0 KLD. Quantity of sewage generated is 304.0 KLD. It is proposed to treat the sewage in STP of capacity 365.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (1307.0 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge (10.0 kg/day) will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 110.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 115.0 Lakhs, recurring cost: Rs. 20.0 lakhs/annum.

During presentation the SEAC observed that a Nala flows across the site. In this regard the proponent informed that they have obtained permission from Irrigation Department vide lr. dt. 26.05.2008 to make the existing Nala straight which is in zig zag condition in Sy. No. 93, 94, 95 & 96 of Saheb Nagar (V), Hayathnagar (M), Ranga Reddy District.

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

Agenda Item No. 17	**Proposed Residential Complex By M/s. Spectra India Mega Projects Pvt Ltd., Sy. No. 6, 6/A, 6/E situated at Injapur Village, Abdullapurmet Mandal, Ranga Reddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIS/150746/2020 (EC)**

Earlier, the SEAC in its meeting held on 17.06.2020 constituted a Sub-Committee to inpect the site, verify records and submit report on present status of the project, existence of Nala in the site, impacts of the project on Nala, status of NOC by the I&CAD Dept., adequacy of proposed EMP measures, impacts of the project on the surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 02.10.2020 and submitted the report. The following observations were made by the sub-committee members:

It was observed from the records that the Survey Numbers of the location are not tallying with those presented to SEAC.

Recommendation: *The proposal cannot be accepted in the present form.*

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

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Agenda Item No. 18	**3.80 Ha. Black Granite Mine of Sri Boggarapu Sanjay, Sy.No: 744 of Edira Village, Jilled Chowdergudem Mandal, Ranga Reddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/145149/2020 (EC)**

Earlier, the SEAC in its meeting held on 29.10.2020 constituted a Sub-Committee to inspect the site, and submit report on present status of the project, impacts on flora & founa and surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 25.11.2020 and submitted the report. The following observations were made by the sub-committee members:

1. ***Present status of the project***

There was not any mining activity work whatsoever seen on the day of visit on the proposed site. The deposit is intact.

The proponent has one existing 4 Ha Black Granite Mine, located adjacent on the northern side of the proposed project in the same Survey No. 744 of Edira Village with an EC granted in 2015 and Order No. SEIAA/MBNR/-06/2015-1073. Presently the mining operations are stalled due to labour movement back homes soon after the outbreak of Covid 19.

2. ***Impact of the project on flora & fauna and the surrounding environment***

*The proposed mine site is fully covered by the greenery. Due to the recent continuous and heavy rains, the area looks lush green as the ground is covered by thick grass and bushy plants amidst the big trees. The vegetation includes mainly tree species such as nemalinara (**Holopteliaintegrifolia**), moduga (**Buteamonosperma**), chigara (**Albiziaamara**), vepa (**Azadirachtaindica**), seethaphal (**Annonasquamosa**) and the ground cover is of bushes with pulikampa (**Lantanacamara**), vavili (**Vitexnegundo**) and thangedu (**Cassiaauriculata**), etc. Proposed mining project would affect the greenery, both the existing flora and whatever fauna that is inhabiting inside. Hence, the proponent is proposing to raise a greenbelt nearby in an alternate compensatory land over an extent of Ac.2.30 Gts located in Survey Nos. 775and 744/A2/2 in the same Edira Village belonging to his wife Smt. Bhagya Lakshmi. To this effect, he has submitted two Undertakings – one by self and the other by his wife stating that this land would be used for greenbelt in lieu of the greenery to be removed on the proposed project. Both the undertakings are attached to this report in Annexures 1 & 2. In addition, the proponent should protect the greenery in the non-mining areas within the lease area from any type of trampling and damage and leave away 7.5 Meters of land for the greenbelt all around the mine site with gap planting of local tree species.*

No waterbodies and human habitation existing within the zone of direct impact and damage by the project.

Recommendations:
Since the proponent has submitted an alternate land for greenbelt in lieu of the greenery removal by the proposed project and submitted undertakings to this effect, Environmental Clearance may be given to the project subject to all the conditions, compliances of EMP and mining norms.
The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 19	**2.047 Ha. Quartz and Feldspar of Sri B. Ram Reddy, Survey No. 309/100, 309/68 & 309/69, Vemula Village, Midjil Mandal, Mahabubnagar District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/134458/2019 (EC)**

Earlier, the SEAC in its meeting held on 07.03.2020 constituted a Sub-Committee to inspect the site and submit report on present status of the project, impacts of the project on nearest habitation, water body, surrounding environment, etc.,

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The Sub-Committee constituted by the SEAC inspected the site on 28.12.2020 and submitted the report. The following observations were made by the sub-committee members:

- *The present status of the mine is that there is no any activity in the mine area.*
- *The objection raised is how much distance is: The village is at a distance of more than 250 mts hence there will not be any impact on human habitation.*
- *There no much vegetation but five trees are there which are at the boundary, hence they will not be disturbed. Suggested to do the avenue plantation all around the mine lease area.*
- *The documents of the lease were verified and ascertained that, there is no quarry leases falling within 500mts of the proposed quarry lease area.*
- *The photos of the present status of the project herewith enclosed.*

Environmental Clearance may be issued.

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

Agenda Item No. 20	**2.0 Ha. Gravel Mine of Sri K. Janaki Ramulu, Sy. No. 393/P, Arekodu Village, Khammam Rural, Mandal Khammam District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/134971/2020 (EC)**

Earlier, the SEAC in its meeting held on 17.03.2020 constituted a Sub-Committee to inspect the site and submit report on present status of the mine, existence of vegetation, impacts of the project on nearest water bodies, human habitation, bio-diversity, surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 12.12.2020 and submitted the report. The following observations were made by the sub-committee members:

I. Verified the documents of the quarry and inspected the site area. The site location is as per quarry sketch given. The Mine is accessible through Road to the required location because the approach way is good.

II. Present status of the mine: There is no any activity in the acquired mine area /site area.

III Water body; There is no any water body present with in the 5 km of radius of mine area.

***Village/ Habitation:** 1. The nearby Chinthapalli Village at 0.68 km away from the site area, hence there will not be any bad impact on the village habitation.This because the mining process will be carried out with JCB to fill the trucks for transportation. 2. There is no human activity nearby mine area. 3. There is no mine within 500km radius of the mine site area. 4. The approach road is good and metal road.*

There is no impact project on the surrounding environment by implementing this project hence EC may be issued subject to the condition of submission of bond for the required plantation by the proponent in the separate area to compensate the biodiversity.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC decided to inform the proponent for subject to submission of bond for the required plantation by the proponent in the separate area to compensate the biodiversity.

Agenda Item No. 21	**0.830 Ha. Black Granite Mine of M/s. Dhatri Granites, Sy.No 138, Bopparam (V), Atmakur (M), Suryapet District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/127075/2019 (EC)**

Earlier, the SEAC in its meeting held on 25.01.2020 constituted a Sub-Committee to inspect the site, and submit report on present status of the project, impacts of the project on the nearest village, waterbody and surrounding environment, management of over burden, etc.,

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The Sub-Committee constituted by the SEAC inspected the site on 12.12.2020 and submitted the report. The following observations were made by the sub-committee members:

Site Location: *It is as per quarry sketch given and the observation that the Settinguda village is 0.66km away from the site area The Mine is accessible through Suryapet-Khammam Road.*

Present status of the mine: *There is no any activity in the acquired mine area /site area. The approach way is good and metal road is there.*

Aquatic Ecosystem/ Water body; *The Bopparam Tank is there and it seems to be at 160 m way from the site area. There are Kottagudem tank-2.24 Kms (NE),Tettevai Vagu-2.70 Kms(N),Kudli Tank- 3.56Kms (E) other water body is present with in the 5 km of radius*

Village/ Habitation: *I. The nearby Settiguda is 0.76 km away from the site area, hence there will not be any bad impact on the village people. This because the mining process will be carried out with cracking technology. That is chemical expansion method for breaking the granite. 2. There is no human activity near by the mine area. 3. There is no mine within 500km radius of the mine site area. 4. The approach road is good and metal road.*

There is no impact on the surrounding environment by implementing this project hence EC may be issued ***subject to the condition of submission of FTL by the proponent.***

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC decided to inform the proponent to submit a copy of sketch on demarcation of FTL w.r.t project by the I&CAD Department.

Agenda Item No. 22	**1.00 Ha. Black Granite Mine of M/s Dhatri Granites, Sy.No 139/A/1 &141/1, Bopparam village, Atmakur mandal, Suryapet District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/127397/2019 (EC)**

Earlier, the SEAC in its meeting held on 25.01.2020 constituted a Sub-Committee to inspect the site, and submit report on present status of the project, impacts of the project on the nearest village, waterbody and surrounding environment, management of over burden, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 12.12.2020 and submitted the report. The following observations were made by the sub-committee members:

1. Location of the site.:It is as per quarry sketch given and the observation that the Settinguda village is 0.66 km away from the site area The Mine is accessible through Suryapet- Khammam Road.

2. Present status of the mine:There is no activity in the acquired mine area /site area. The approach way is good and metal road is there.

3. Water body; The Bopparam Tank is 230m way from the site area. There are Kottagudem tank-2.24 Kim (NE),Tettevai Vagu-2.70 Kms(N),Kudli Tank- 3.56Kms (E) other water body is present with in the 5 km of radius

4. Village/ Habitation: 1. The nearby Settiguda is 0.6 km away from the site area hence there will not be any bad impact on the village people. This because the mining process will be carried out with cracking technology. That is chemical expansion method for breaking the granite. 2. There is no human activity near by the mine area. 3. There is no mine within500km radius of the mine site area. 4. The approach road is good and metal road.. There is no impact on the surrounding environment by implementing this project hence EC may be issued subject to the condition of submission of FTL by the proponent.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC decided to inform the proponent to submit a copy of sketch on demarcation of FTL w.r.t project by the I&CAD Department.

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Agenda Item No. 23	**M/s. Aurore Pharmaceuticals Pvt. Ltd. (APPL) Unit – I, Plot No's 35, 36, 38, 39, 40, 49, 50 and 51, Phase IV, IDA Jeedimetla, Quthbullapur Mandal, Medchal District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/IND2/162738/2020 (EC)**

Earlier, the SEAC in its meeting held on 25.09.2020 constituted a Sub-Committee to inspect the unit, verify records and submit a report.

The Sub-Committee constituted by the SEAC inspected the site on 30.12.2020 and submitted the report. The following observations were made by the sub-committee members:

(i) Distance of the industry from the nearest boundary of Patancheru and Bollaram Industrial Areas

M/s. Aurore Pharmaceuticals Pvt. Ltd. (APPL) Unit – I (Formerly known as M/s.Mylan Laboratories Limited, Unit – 3& 4) is located at a distance of 7.68Km from the critically polluted area of Patancheru and Bollaram Industrial Areas.

(ii). Project Modification

M/s. Aurore Pharmaceuticals Pvt. Ltd. (APPL) Unit – I (Formerly known as M/s.Mylan Laboratories Limited, Unit – 3& 4) Located at Plot No. 35,36,38,39,40,49,50 and 51, Phase IV, IDA, Jeedimetla, Medchal district, TelanganaState obtainedEnvironmental Clearance vide letter no. J-11011/142/2005-IA-II(I) dated 07.07.2005, subsequently the unit obtained EC for change in product mix and treatment/disposal of effluent from MoEF vide letter no. F.No.J-11011/01/2007-IA II (I) dated 28.08.2007and obtained certified MoEF&CC compliance report dated 27.07.2016. The unit obtained consent and authorization (CFO) vide Letter No. TSPCB/10042/RO-RR-II/HO/CFO/2017, dated 10.03.2017 valid till 15.02.2022.

It is proposed to increase the manufacturing capacity from 29.2 TPM [(Unit 3: 26.2 TPM and Unit 4: 3.1 TPM)] to 300 TPM in existing site area of 10.8 acres (Unit 3: 9.39 acres and Unit 4: 1.49 acres). The expansion entails a capital cost of Rs. 60crores towards enhancement of additionalproduction, utilities proposed and storage facility. Manufacturing capacity is mentioned in below tables;

Manufacturing Capacity –Permitted (Unit -3)

S.No	***Product Name***	***Capacity (TPM)***
1	*Levofloxacin*	*4.00*
2	*Citlaopram HBr (CSP)*	*4.50*
3	*Venlafaxine*	*2.00*
4	*Sertaline HCl*	*2.00*
Total Group A		***12.5***
5	***Gatifloxacin***	***5.35***
6	*Moxifloxacin*	*2.00*
7	*Itraconazole*	*0.20*
8	***Resperidone***	***8.00***
9	*Quetipine*	*0.50*
10	*Carvedilol*	*0.30*
11	*Pentaprazole*	*0.50*
12	*Zolpidem*	*0.35*
13	*Montelukast*	*0.10*
14	*Valsartan*	*0.50*
15	*Celecoxib*	*0.15*
16	*Irbesartan*	*0.20*
17	*Citlaopram HBr (SRP)*	*0.35*
18	*Emtricitabine*	*0.10*
Total Group B		***13.35***
19	*Ciproflaxacin HCl*	*0.25*
20	*Rabeprazole*	*0.1*
21	*Norfloxacin*	*0.1*
22	***Mirtazapine***	***0.25***
23	*Simvastatin*	*0.1*
24	*Efavirenz*	*0.1*
25	*Atrovastatin*	

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26	Esomeprazole	0.1
27	Duloxetine	0.05
28	Gabapentin	0.1
29	Modafinil	0.25
30	Olanzapine	0.1
31	Candesatan	0.1
32	Escitalopram	0.1
33	Telmisartan	0.1
34	Aripiprazole	0.25
Total Group C		**0.25**
Total Production (Worst Case- 4 Regular products from Group A, 2 Campaign based products from Group B & 1 Campaign based product from Group C at any point of time)		**26.10**

Manufacturing Capacity –Permitted (Unit -4)

S. No	Product Name	Capacity (TPM)
1	Group A + B: 1. DCTM Naphtha lenamino Mandelate 2. Bromo phthalimide	 0.7 2.3
2	Group A + C: 1. DCTM Naphthalenamino Mandelate 2. Mirt Alcohol 3. PhthalamideAmilodpine	 0.7 0.9 1.5
The industry shall manufacture only group A + B or Group A + C at any given point of time.		
Total		**3.1**

Manufacturing Capacity – After Expansion (Merging Unit 3 and 4)

S. No	Product Name	Capacity (TPM)
1	Celecoxib	17
2	Citalopram hydrobromide	18
3	Armodafinil	12
4	Modafinil	12
5	Emitricitabine	10
6	Levofloxacin	16
7	Escitalopram	12
8	Mirtazapine Hemihydrate	12.4
9	Esomeprazole	13
10	Ciprofloxacin HCl base	10.15
11	Ciprofloxacin Lactate	10.15
12	Venlafaxine	10.5
13	Zolpidem	10.05
14	Aripiprazole	10.1
15	Eszopiclone	10.02
16	Itraconazole	10.2
17	Olanzapine	10.15
18	Sibutramine Hydrochloride	0.1
19	Rilpivirine Hydrochloride	0.05
20	Candesartan Cilexetil	0.15
21	Carvedilol	0.35
22	Tadalafil	10.2
23	Telmisartan	10.15
24	Gabapentin	11
25	Atorvastatin Calcium	10.2
26	Pantoprazole	10.2
27	Quetiapine	0.5
28	Simvastatin	0.25
29	Irbesartan.	0.32
30	Gatifloxacin	0.1
31	Moxifloxacin	10.1
32	Risperidone	0.1

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33	*Valsartan*	*10.05*
34	*Sertraline*	*0.4*
35	*Montelukast*	*10.6*
36	*Ciprofloxacin hydrochloride*	*10.1*
37	*Rabeprazole*	*0.05*
38	*Norfloxacin*	*0.1*
39	*Efavirenz*	*10.1*
40	*Duloxetine hydrochloride*	*0.02*
41	*Paroxetine Hydrochloride*	*0.01*
42	*Valganciclovir*	*0.01*
43	*Zonisamide*	*0.05*
44	*Darifenacin*	*0.05*
45	*Rosiglitazone*	*0.05*
46	*Latanoprost*	*0.02*
47	*Vardenafil*	*0.05*
48	*Validation Products*	*0.85*
Total		***300***

List of By-Product– After Expansion

S. No	Name of the Product	Stage	Name of By Product	Quantity (Kg/day)
1	Escitalopram	II	Ammonium Phosphate	177
2	Quetiapine	I	Piperazine	240.7
3	Ciprofloxacin HCl	II	Piperazine	1373.6
4	Norfloxacin	IV	Piperazine	4.2
5	Latanoprost	I	Spent Phosphosate salts	0.2
6	Citalopram HBr	III	Spent Phosphosate salts	3564.45

(iii). Project Cost

The proposed expansion entails a capital cost of Rs. 65.0crores towards production blocks, facility for utility proposed.

	Project Cost	
		Rs. In Crores
Plant& machinery (P&M)		*39*
Civil buildings		*5.5*
Structures		*4*
Pipe lines & insulation	*20% on P&M*	*8*
Electricals & instrumentation	*10% on P&M*	*3.9*
Erection & commissioning & painting	*8% on P&M*	*3.1*
Material handling equipment charges		*0.3*
Laboratory equipment		*0.7*
Safety equipment		*0.6*
Administration		*0.17*
Project Cost		***65.0***

(iv). ZLD System and its adequacy

The total effluent generated before and after expansion

Description of Effluent	***Quantity (KLD)***		***Mode of Disposal***
	Permitted	***After Expansion***	
HTDS Effluents			
Process	*23.5*	*420*	*Treated in effluent treatment plant of APPL Unit-II, in SVCIE, IDA Jeedimetla consist of Stripper, MEE, ATFD and Biological treatment followed by RO. RO Permeate reused for Utilities make-up in APPL Unit-II, & and balance water sent to APPL Unit-I for Utilities make-up and RO rejects sent to MEE.*
Total HTDS -I	***23.5***	***420***	

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LTDS Effluents			
Washings	5	15	Biological treatment followed by RO of APPL Unit-II, in SVCIE, IDA Jeedimetla. RO Permeate reused for Utilities make-up in APPL Unit-II & and balance water sent to APPL Unit-I for Utilities make-up and RO rejects sent to MEE.
Scrubber		10	
Solvent recovery plant		25	
Cooling towers		70	
Boiler		24	
DM Plant, RO Plant, Softener		10	
Detoxification		10	
Total LTDS - II	**5**	**164**	
Domestic	6	45	Sent to Sewage treatment plant followed by RO at APPL Unit-I. RO permeated reused for cooling towers make-up in APPL Unit-Iand rejects sent to MEE at APPL Unit-II, in SVCIE, IDA Jeedimetla.
Total – III	**6**	**45**	
Grand Total (I + II + III)	**34.5**	**628.9**	

Note: Effluents are transferred from APPL Unit-I to the Zero Liquid Discharge System located at APPL Unit-II by dedicated tankerwith GPS facility

S.No	Facility Description	Capacity of Unit (KLD)		
		Installed Capacity	Proposed	Total after Expansion
At Aurore Pharmaceuticals Private Limited Unit-I				
1	Sewage Treatment Plant		1 x 60	1 x 60
2	Reverse Osmosis Plant - I		1 x 60	1 x 60
3	Reverse Osmosis Plant - II		1 x 40	1 x 40
At Aurore Pharmaceuticals Private Limited Unit-II (formerly Mylan Unit 5)				
1	Stripper – I	1 x 100	1 x 200	1 x 100 1 x 200
2	Stripper – II	1 x 100	1 x 200	1 x 100 1 x 200
3	Multiple Effect Evaporator	1 x 100	2 x 250	2 x 250
4	Agitated Thin Film Dryer	1 x 24	1 x 24	1 x 24
5	Biological Treatment Plant	1 x 150	2 x 275	2 x 275
6	Reverse Osmosis Plant - I	1 x 150	2 x 275	2 x 275
7	Reverse Osmosis Plant - II	1 x 40	2 x 250	2 x 250

(v). ETP Modifications

The total permitted effluent is 34.5 KLD, out of which HTDS effluent of 23.5 KLD which is sent to stripper followed MEE and ATFD, condensate from MEE and ATFD sent toBiological treatment followed by RO along with LTDS. LTDS effluent of quantity 5 KLD sent toBiological treatment followed byRO plant, permeate reused for cooling towers and gardening while rejects sent to MEE. Domestic wastewater of quantity 6 KLD Sent to Sent to Sewage treatment plant followed by RO. RO permeated reused for cooling towers make-up. RO permeate reused for cooling towers, boiler make-up and scrubbers. RO rejects are sent to MEE.

After proposed expansion the total effluent generated is 628.9 KLD which will be treated in "Zero Liquid Discharge System" (ZLD). Capacity of ZLD system presented in ***Point no. iv.***

(vi). Products: Comparison of existing and proposed (which is going for expansion)

Manufacturing Capacity – Permitted (Mylan Laboratories Ltd., Unit – 3 and Unit -4) and capacity after expansion is presented in point no.ii.

(vii). Verify production details w.r.t permitted for the past one year as per ER – I.

S.No	Product Name	Capacity (TPM)	
		Actual Production	Consented
1	Levofloxacin	--	4.00
2	Citlaopram HBr (CSP)	4.24	4.50
3	Venlafaxine	--	2.00
4	Sertaline HCl	--	2.00
Total Group A		**4.24**	**12.5**
5	Gatifloxacin	--	5.35

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6	*Moxifloxacin*	--	*2.00*
7	*Itraconazole*	--	*0.20*
8	*Resperidone*	--	***8.00***
9	*Quetipine*	--	*0.50*
10	*Carvedilol*	*0.295*	*0.30*
11	*Pentaprazole*	--	*0.50*
12	*Zolpidem*	--	*0.35*
13	*Montelukast*	--	*0.10*
14	*Valsartan*	--	*0.50*
15	*Celecoxib*	*0.14*	*0.15*
16	*Irbesartan*	--	*0.20*
17	*Citlaopram HBr (SRP)*	--	*0.35*
18	*Emtricitabine*	*0.089*	*0.10*
Total Group B		***0.524***	***13.35***
19	*Ciproflaxacin HCl*	--	*0.25*
20	*Rabeprazole*	--	*0.1*
21	*Norfloxacin*	--	*0.1*
22	***Mirtazapine***	--	***0.25***
23	*Simvastatin*	--	*0.1*
24	*Efavirenz*	--	*0.1*
25	*Atrovastatin*	--	*0.1*
26	*Esomeprazole*	*0.085*	
27	*Duloxetine*	--	*0.05*
28	*Gabapentin*	--	*0.1*
29	*Modafinil*	--	*0.25*
30	*Olanzapine*	--	*0.1*
31	*Candesatan*	*0.065*	*0.1*
32	*Escitalopram*	*0.078*	*0.1*
33	*Telmisartan*	--	*0.1*
34	*Aripiprazole*	--	*0.25*
Total Group C		***0.228***	***0.25***

(viii). Raw material: Consumption of existing and proposed (which are going for expansion)

List of Raw materials – Permitted

S. No	Name of Product	Name of Raw Material	Consumption (Kg/day)
1	Levofloxacin	Levo ethyl ester	132.11
2	Citalopram HBr (CSP)	1-Bromo-4-Flourobenzene	127.5
3	Venlafaxine	4-Methoxy Phenyl acetonitrile	85.62
4	Sertraline HCl	Tetralone	219.9
5	Gatifloxacin	GFX – Ester	285.82
6	Moxifloxacin	Moxifloxacin acid	93
7	Itraconazole	DTMDM	5
8	Risperidone	Sodium hydroxide	90.67
9	Quetiapine	DBTP	15.51
10	Carvedilol	2-(2-Methoxyphenoxy) ethylamine hydrochloride (MPEA.HCl)	22.27
11	Pantoprazole	CDPH	12.94
12	Zolpidem	MMPIPA	14.57
13	Montelukast	MKS -I	16.41
14	Valsartan	Valeryl Chloride	15.12
15	Celecoxib	Ethyl Trifluoro Acetate	3.94
16	Irbesartan	BSI	6.981
17	Citalopram HBr (SRP)	Magnesium turnings	5.83
18	Emtricitabine	Sodium Borohydride	1
19	Ciprofloxacin	Piperazine	6.72
20	Rabeprazole	2-Mercapto benzimidazole	2.61
21	Norfloxacin	3- Chloro 4- Fluoro aniline	3.33
22	Mirtazapine	Carboxypyridyl phenyl methyl piperazine (CPMP)	13.9
23	Simvastatin	Lovastatin	4.52
24	Efavirenz	MMAA	5.11

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25	Atorvastatin	FBA	6.0
26	Esomeprazole	2-Chloromethyl - 4-methoxy-3,5-dimethyl pyridine HCl	7
27	Duloxetine	BRK – 1	7
28	Gabapentin	1,1 -cyclohexane di-acetic anhydride (CHA-I)	6
29	Modafinil	Benzhydrol	38.97
30	Olanzapine	Amine Hydrochloride	9
31	Candesartan	Tributyline Chloride	83.8
32	Escitalopram	Magnesium turnings	2.32
33	Telmisartan	MPB	3
34	Aripiprazole	Benzhydrol	22

List of Raw materials – After Expansion

S. No	Name of Product	Name of Raw Material	Consumption (Kg/day)
1	Celecoxib SMP	Trifluoro acetic acid	83.52
2	Citalopram Hydrobromide CSB	1-Bromo-4-Flourobenzene	172.60
3	Armodafinil RMF	Benzhydrol	44.88
4	Modafinil MDF	Benzhydrol	133.62
5	Emitricitabine EMB	FCE	533.63
6	Levofloxacin LFX	Levo ethyl ester	130.15
7	Escitalopram	1-Bromo-4- Fluoro benzene	5.01
8	Mirtazapine Hemihydrate ABH	Mirtazapine acid	86.73
9	Esomeprazole	2-Chloromethyl - 4-methoxy-3,5-dimethyl pyridine HCl	76.68
10	Ciprofloxacin Base	Ciprofloxacin Hcl (CFX) II	5.84
11	Ciprofloxacin Lactate	Ciprofloxacin Hcl (CFX) II	4.58
12	Venlafaxine	4-Methoxy phenyl acetonitrile	7.83
13	Zolpidem	MIP Acetonitrile	0.57
14	Aripiprazole	7-Hydroxy-3,4-dihydro carbostyril	1.21
15	Eszopiclone	Pyrazine-2,3-dicarboxylic acid anhydride	0.22
16	Itraconazole	ITR-INT-A	8.71
17	Olanzapine	Amine Hydrochloride	0.28
18	Sibutramine HCl	Butyl Amine derivative	2.58
19	Rilpivirine HCl	4-Iodo-2,6-Dimethyl Benzenamine (4-Iodo-2,6-Dimethyl Aniline)	0.61
20	Candesartan Cilexetil	1H-Benzimidazole-7-Carboxylicacid (CBBI)	3.50
21	Carvedilol CVL	4- Hydroxy carbozole	5.37
22	Tadalafil	D - Tryptophan	3.52
23	Telmisartan (TST)	MPB	2.96
24	Gabapentine	Ethanol	157.20
25	Atorvastatin Calcium ASC	FBA	3.05
26	Pantoprazole	5-(difluoro methoxy)-2-[{3,4-dimethoxy-2-pyridinyl0 methyl} sulfinyl]-1II benzimidazole	3.51
27	Quetiapine	DBTP	51.53
28	Simvastatin SMV	Lovastatin	7.41
29	Irbesartan (IRE)	4-Bromomethyl-2-Cyanobiphenyl (BMCP)	6.78
30	Gatifloxacin	GFX – Ester	2.82
31	Moxifloxacin	GFX - Ester	3.55
32	Risperidone	3(2-Chloroethyl)-2 Methyl-6,7,8,9-Tetrahydro-4H Pyrido[1,2-α] Pirimid-4-One Hydrochloride	4.00
33	Valsartan	CMVEH	0.26
34	Montelukast MTN	MKN	16.85

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35	Sertraline	Tetralone	86.93
36	Ciprofloxacin HCL	Ciprofloxacin Acrylate	3.78
37	Rabeprazole	Chloro compound	1.26
38	Norfloxacin	3- Chloro 4- Fluoro aniline	3.33
39	Efavirenz	MMAA	5.40
40	Duloxetine Hydrochloride	Duloxetine (BRK) I	5.27
41	Paroxetine HCl anhydrous	Trans HMP[(-) Trans-4- (4-fluorophenyl)-3-hydroxy methyl -N-methyl piperidine]	0.02
42	Valganciclovir	Guanine	0.13
43	Zonisamide	BMSA {1,2-Benzisoxazole -3-methane sulfonic acid sodium salt}	0.55
44	Darifenacin	*TOS	1.22
45	Rosiglitazone	2-(Methyl-Pyridin-2-yl-amino)-ethanol	0.71
46	Latonoprost	Corey Lactone Benzoate	0.45
47	Vardenafil	2- Ethoxy benzamidine Hydrochloride	0.46

(ix). Solid Waste: Comparison of existing and proposed (which are going for expansion)

Solid Waste Permitted and after expansion

S.No.	Description of waste	UOM	Permitted	After Expansion	Disposal method
1.Hazardous Waste with Disposal Option:					
1	Forced Evaporation Salts from Unit-5 ZLD Plant	TPM	70	518.2	TSDF
2	ETP Sludge generated from Unit-5 ZLD plant	TPM	6.9	450	TSDF / Cement Industry
3	ETP Sludge generated from Aurore Unit-I (Mylan Unit-3) Primary & STP plant	TPM	3.0	300	TSDF / Cement Industry
3	Process Inorganics Salts	TPM	11	302.45	TSDF
4	Mixed Spent Solvents	KLD		247	TSDF / Cement Industry
5	Spent Carbon	TPM	5.0	89	
6	Process Organic Residue	TPM	10	168.3	
7	Distillation Bottom Residue	TPM	14	719.8	
8	Thermocol	TPM		12	TSDF
9	Insulation Waste	TPM		12	TSDF
10	Glass wool	TPM		12	TSDF
11	Softener / DM Plant Resins	TPA		60	TSDF
12	Off specifications, rejected & Discarded Raw materials, lab chemicals & products etc	TPM		30	TSDF / Cement Industry
13	Stripper Distillate (VOC) generated from Unit-5 ZLD Plant	KLD		5.8	
14	Used Filters (HEPA filters Oil Filters etc)	Nos / Month		600	
15	Used / discarded Filter Bags	TPM		30	

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16	Used / Discarded RO / UF Membranes	TPA		60	TSDF for Incineration
17	Lab Vials	TPM		1	TSDF / Cement Industry
18	Discarded PPE	TPM		5	TSDF / Cement Industry
2.Hazardous Waste with Recycling Option:					
	Discarded Container & liners				Dispose of to outside agencies after detoxification
19	HDPE containers	No's/ M	100	5000	
20	Glass Bottles	No's/ M	100	8000	
21	Liners & Bags	TPM		40	
22	Used Oil	LPM	300	1500	Authorized recyclers
23	Spent Solvents	KLD		164	Recovered within the premises / Sale to authorized recyclers
24	Lead acid batteries	No's/Year		100	Authorized recyclers
25	E- Waste	TPA	1	5	Authorized recyclers
3. Non-Hazardous Waste:					
26	Paper, cotton waste & Packing materials i.e. wood, carton, ropes	TPM		25	Sale to outside agencies / recyclers
27	Ply wood containers/ broken glass etc	TPM		10	
28	Metal scrap (MS, SS, GI, Aluminium)	TPM		25	
29	Boiler Soot	TPM		70	TSDF to use as a stabilizing agent / Brick manufactures
30	Canteen Waste	TPM		1.5	Piggeries

(x). Impact on Surroundings

S. No	Description	Remarks
1	Water Pollution	Total effluent generated increased from 34.5KLD to 628.9 KLD and same will be treated in Zero Liquid Discharge System and treated wastewater reused for Utilities in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible
2	Air Pollution	It is proposed to establish M/s. Aurore Pharmaceuticals Private Limited. Unit-I:1x10 TPH,1x6 TPHno's, Unit-II: 1x10 TPH,1x6 TPHCoal fired boilers for proposed expansion in addition to existing 1x6 TPH Coal fired boiler (Stand by) and4TPHoil fired boiler (which is Fuel change from Oil to Coal after expansion). The proposed air pollution control equipment for Unit-I:1x10 TPH,1x6 TPHno's, Unit-II: 1x10 TPH,1x6 TPH Coal fired boilersis bag filterand provided with adequate stack heights as per the norms. It is thermic fluid heaters of 1 x 4 lac and 1 x 2 lac k.cal/hr. capacity to meet the steam requirement for process and solvent recovery system at APPL Unit I. It is proposed to establishAPPL Unit I:3 x1500 KVA and APPL

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		Unit II: 1 x 1010 KVA in addition to existing 1 x 500 KVA and 3 x 750 KVA. The process emissions contain Hydrogen chloride, Carbon dioxide, Sulphur dioxide, Ammonia and Hydrogen. Hydrogen chloride, Ammonia and Sulphur dioxide are sent to scrubber in series. Sodium chloride from HCl, Sodium Bisulfite from Sulphur dioxide, Ammonium sulfate from Ammonia Scrubbingsent to ETP. The other gas expected in the process is Carbon dioxide and Hydrogen which are let out into atmosphere following a standard operating procedure, while Hydrogen gas is let out into atmosphere through a water column. Two stage condensing system, scrubbers for process emissions, closed transfer of raw materials/solvents and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.
3	Solid Waste	As stated in the EMP plan, solid waste storage containers/drums/bags will be labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes 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 aresent 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 authorizerecyclers. Hence impact on soil pollution is minimal

(xi). Applicability of S.O. 804 (E), dt. 14.03.2017 & S.O. 1030 (E) dt. 08.03.2018 issued by MoEF&CC, GoI.

M/s. Aurore Pharmaceuticals Pvt. Ltd. (APPL) Unit – I (Formerly known as M/s.Mylan Laboratories Limited, Unit – 3& 4) Located at Plot No. 35, 36, 38, 39, 40, 49, 50 and 51, Phase IV, IDA, Jeedimetla, Medchal district, Telangana State obtained Environmental Clearance vide letter no. J-11011/142/2005-IA-II(I) dated 07.07.2005, subsequently the unit obtained EC for change in product mix and treatment/disposal of effluent from MoEF vide letter no. F.No.J-11011/01/2007-IA II (I) dated 28.08.2007 and obtained certified MoEF&CC compliance report dated 27.07.2016. The unit obtained consent and authorization (CFO) vide Letter No. TSPCB/10042/RO-RR-II/HO/CFO/2017, dated 10.03.2017 valid till 15.02.2022.

It is proposed to increase the manufacturing capacity from 29.2 TPM [(Unit 3: 26.2 TPM and Unit 4: 3.1 TPM)] to 300 TPM in existing site area of 10.8 acres (Unit 3: 9.39 acres and Unit 4: 1.49 acres). The expansion entails a capital cost of Rs. 60crores towards enhancement of additional production, utilities proposed and storage facility.

(xii) Justification of the project w.r.t G.O.Ms.No. 95, dt. 21.09.2007; G.o.Ms. No. 64, dt. 25.07.2013; & G.O.Ms. No. 24, dt. 24.04.2019.

M/s. Aurore Pharmaceuticals Pvt. Ltd. (APPL) Unit – I (Formerly known as M/s.Mylan Laboratories Limited, Unit – 3& 4) Located at Plot No. 35, 36, 38, 39, 40, 49, 50 and 51, Phase IV, IDA, Jeedimetla, Medchal district, Telangana State obtained Environmental Clearance vide letter no. J-11011/142/2005-IA-II(I) dated 07.07.2005, subsequently the unit obtained EC for change in product mix and treatment/disposal of effluent from MoEF vide letter no. F.No.J-11011/01/2007-IA II (I) dated 28.08.2007 and obtained certified MoEF&CC compliance report dated 27.07.2016. The unit obtained consent and authorization (CFO) vide Letter No. TSPCB/10042/RO-RR-II/HO/CFO/2017, dated 10.03.2017 valid till 15.02.2022.

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(xiii). Implementation of disaster management plan and safety measures in the existing project and proposed expansion.

It is advised to follow the Emergency Procedures Disaster management norms as stated in the EMP.

Safety/Control Measures in Existing Facility - Storages

Significant Risks	*Safety/Control Measures*
Solvent Tank Farm and Chemical Tank Farm	
Fire/ Explosion	• *Solvent Tank Farm licensed by PESO.* • *Restrict inventory to licensed quantities in Solvent Tank Farm.* • *Fenced Solvent Tank Farm.* • *Fenced Solvent Tank Farm capable of being locked when not in use.* • *Access Control and control of visitors* • *Control of ignition sources.* • *All electrical equipment and fittings to be flameproof as per area classification.* • *Provision of foam cover to cover the largest dyke area* • *Water spray cooling arrangements for all tanks* • *Fire hydrants and fire monitors* • *Solvent Storage Tanks to have N_2 blanketing* • *Earthrite system for earthing of tankers carrying solvents.* • *Spark arresters on vehicles* • *Wetting of road and tyres before unloading* • *NO dry grass inside the fenced area* • *No parking inside/ near the tank farm.* • *No obstruction on the road for free movement of fire tender.* • *No solvent pumping in night shift – Daytime operations only.*
Loss of Containment and Spillage	• *Dykes for all tanks (Dyke capacity to be min. 110% of tank capacity and dyke distance from tank to be min half the tank height).* • *Tanker unloading area (road) to be dyked.* • *Availability of the Spill control kit.*
Injury at the time of loading/ unloading	• *Provision of PPE to stores personnel.* • *Operations by trained stores personnel only.*
Bulk Materials Store (liquid chemicals) Drum Yard and Special Chemicals Store	
Fire/ Explosion	• *Fenced area, Access Control and control of visitors* • *Building capable of being locked when not in use.* • *Control of ignition sources.* • *Control of inventory to minimum possible* • *Segregation of materials.* • *Smoke/ Heat detection system (non-electricity based)* • *No water based firefighting setup around the store.* • *Adequate CAUTION displays* • *Fire hydrants and fire monitors* • *Provision of foam* • *No electrical installation inside the Store* • *Adequate natural light and ventilation.* • *Daily night inspection by Shift Manager.* • *No dry grass inside the fenced area* • *Emergency exit.*
Loss of Containment Spillage	• *Arrangements of drums in rows of two (two levels max) and a gap of at least 2 feet between rows and from the walls all around.* • *Storage in open area on hard impervious floor surrounded by a dyke/ sill. (For Bulk Materials Store and New Solvent Drum Shed)* • *Availability of the Spill control kit*
Ergonomics – Poor posture leading to illness/ injury. Injury at the time of loading/ unloading	• *Provision of PPE to stores personnel.* • *Loading/ unloading only by trained stores personnel.*
Raw Materials Warehouse, Finished Goods Warehouse, Packing Materials Warehouse, and Engineering Store	
Fire	• *Access Control and control of visitors*

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Significant Risks	*Safety/Control Measures*
	• *Fenced area* • *Building capable of being locked when not in use.* • *Control of ignition sources.* • *Control of inventory to optimal levels* • *Segregation of flammable materials.* • *Segregation of materials.* • *Battery charging not to be done inside the warehouse except for penicillin warehouse, that too during daytime only.* • *Installation of Smoke/ Heat detectors* • *Adequate hydrant points outside/around the building* • *NO dry grass in open areas.* • *Daily night inspection by Shift Manager.* • *Emergency exit.* • *Availability of DCP, Foam and CO_2 fire extinguishers, Spill Control kit.*
Spillage	• *Availability of the Spill control kit*
Falling Objects	• *Mandatory head and foot protection when inside the warehouse.*
Ergonomics – Poor posture leading to illness/ injury. Injury at the time of loading/ unloading	• *Provision of other PPE to stores personnel.* • *Loading/ unloading only by trained stores personnel.*

(xiv). Greenbelt development.

M/s. Aurore Pharmaceuticals Pvt. Ltd. (APPL) Unit – I (Formerly known as M/s. Mylan Laboratories Limited, Unit – 3)., developed greenbelt in a total area of 3.65acres 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.

In view of the EMP plans, land availability and green belt development, EC may be issued.

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

Agenda Item No. 24	**M/s. Amara Labs Private Limited., Plot No. 73 C/4, Anrich Industrial Estates, IDA Bollaram, Jinnaram (M), Sangareddy District - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/IND2/153366/2020 (EC)**

Earlier, the SEAC in its meeting held on 17.06.2020 constituted a Sub-Committee to inspect the unit, verify records and submit a report.

The Sub-Committee constituted by the SEAC inspected the site on 19.06.2020 and submitted the report. The following observations were made by the sub-committee members:

	To Verify the issues	*Observations*
1	*Distance from Patancheru and Bolaram industrial area*	***M/s. Amara Labs private limited is located at Plot No. 73 C/4, Anrich Industrial Estates, IDA Bollaram, Jinnaram (M) Sangareddy (D), is within the Patancheru and Bollaram Industrial Areas***
2	*Projectmodification*	*M/s. Amara Labs private limited is located at Plot No. 73 C/4, Anrich Industrial Estates, IDA Bollaram, Jinnaram (M) Sangareddy (D), proposes to increase in production capacity and change in product mix. It is proposed to manufacture 21 Bulk Drugs, 15 Drug intermediates and R & D products after expansion with total production level of 25.0 TPM.*

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3	*Projectcost*	*The capital cost for the proposed expansion project is Rs. 1.5 crores. The capitalcost estimate of environment infrastructure is 1 crore.*
4	*ZLDSystem&itsadequacy*	*Industry is proposing to construct new ZLD system to treat 30KLD HTDS and 35 KLD LTDS.* ***The system is quiet Adequate*** ***The operational expenditure shown is only 20 lakhs per anum. This is very meagre amount therefore not feasible to run ZLD of 35KLD and 30KLD capacity.***
5	*ETPmodifications*	***Process description and Technical Specificatio*** ***Zero Liquid Discharge System*** ***The High TDS/ COD Effluents*** *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.* ***The Low TDS/ COD Effluents:*** *These effluents along with the condensate from MEE and ATFD are treated in primary treatmen consisting of equalization, neutralization, an primary sedimentation followed by secondar biological treatment consisting of aeration tank an clarifier.* *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.* ***Proposed MEE & ETP capacity: 30 KLD &35KLD of ETP*** *LTDS will be treated in biological ETP along with MEE condensate with a capacity of 35KLD followed by UF and RO Plant. Treated effluent will be reused for washing, boiler feed, cooling tower makeup.* ***Handling HTDS*** ***Existing MEE capacity 30 KLD: -*** *All effluents are being collected and send to MEE after primary treatment. Salts are being disposed to TSDF.* ***Proposed: -*** *HTDS will be treated along with MEE rejects through MEE plant with a capacity of 30 KLD. MEE rejects will be sent to ATFD and salt will be disposed through TSDF.* *Details in Appendix 2*

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6	*Products:Comparisonofexisting andproposed(whicharegoingfore xpansion)*	*Proposed products which are going for expansion is given in Appendix 1*
7	*Verification of production records for one year*	*Not submitted*
8	*Raw material : Comparison of existing and proposed (which are going forexpansion)*	*Details of existing raw materials and proposed Raw Material are provided in EIA*
9	*Solidwaste:Comparisonofexistin gandproposed(whicharegoingfor expansion)*	*Details of existing and proposed Solid waste are provided inAppendix 3*
10	*Impactonsurroundings*	*Water Pollution:Total effluent generated is about 35KLD and same will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible* *Air Pollution: It is proposed to establish coal fired boiler of capacity 1 x 2.5 TPH to meet the steam requirement for process, in addition to existing 1 x 0.5 TPH coal fired boiler, The DG sets required for emergency power during load shut down is estimated at 350 kVA and accordingly 1 x 125 kVA and 1 X250 KVA are being proposed.* *Process emissions contain chlorine, O2, CO2, HBr, NH3, SO2, HCl, CH3Cl and ammonia. Out of these NH3, SO2, HCl, HBrChlorine, are sent to scrubber in series. The resultant solutions after scrubbing i.e., sodium chloride form chlorine and hydrogen chloride, sodium bromide from hydrogen bromide and sodium fluoride from hydrogen fluoride scrubbing are sent to ETP. Carbon dioxide and O2 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* *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.* *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*
11	*ApplicabilityofS.O.804(E),dt.14.0 3.2017 &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*

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13	*Green belt development*	***M/s. Amara Labs private limited is located at Plot No. 73 C/4, Anrich Industrial Estates, IDA Bollaramhad** claimed that a green belt whichis only to the extent of **362.7sq.m(about 15%) is developed. However on inspecting the site it is found very less around 5% of the total area. The proponent has shown during the presentation that 483.59sq.m. area which is about 20% would be developed or proposed to develop outside their premises. The detailed layout is shown in the figure. This is NOT ACCEPTABLE.***
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*	

Recommendations:

Environmental Clearance cannot be recommended in the present scenario. The proponent has to provide the evidence and an undertaking of the following

a) *At Present the factory have less than 10% green belt. Therefore EC can be given only after ascertain and implementing the 33% of green belt cover.*
b) *Installation of ZLD system to treat HTDS and LTDS to the required capacity. The detailed operational costs have to be revised and submitted.*

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.

Agenda Item No. 25	**0.700 Ha. Rough Stone& Road Metal Quarry of M/s. Sri Linga Venkat Reddy, Sy.No. 794, Ananthagiri Village, Ananthagiri Mandal, Suryapet District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/144211/2020 (EC)**

Earlier, the SEAC in its meeting held on 17.07.2020 constituted a Sub-Committee to inpect the site, verify records and submit report on present status of the project, impacts of the project on nearest water bodies, human habitation, adequacy of proposed EMP measures, NOC from the I&CAD Dept., etc.,

The Sub-Committee constituted by the SEAC inspected the site on 25.12.2020 and submitted the report. The following observations were made by the sub-committee members:

1. Present status of the mine

The Project has not yet started at the proposed site. However, a group of local Vaddera community people are cutting down the stone deposit for extracting the stone pillars.

2. Impact of the project on nearest waterbodies, human habitation, NOC of I&CAD, EMP measures etc.

It was observed that the nearest village is Mogalikota, which is located at 0.54 Km from the project site. The waterbodies – Parikala Kunta on SE side and Nagulacheruvu on SW side – are located at 0.09 KM and 0.02 KM respectively from the location of mine boundary pillars as per the mine plan.Further, going by the DPR and other documents it was found that there is a mismatch in the Geo coordinates of the Lease area sketch and the mining plan. As a result, the distancesof waterbodies, human habitation, etc., given / shown on the Google Map in the project presentation are misleading and entire DPR is misrepresenting the proposed project due to this fundamental mistake. This was pointed out to the Proponent and discussed at length with the Proponent and Consultant team about the negative impacts of the project, especially on water bodies as per the present mining plan. Subsequently, they have expressed their interest to resubmit the proposal later after making the necessary corrections in the proposal.

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Recommendations:

The project proposal may be differed now and considered later for Environmental Clearance when the proponent submits the revised application with modified mining plan with the correct geo coordinates and other supporting documents of the project.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for rejection of EC due to mismatch in the Geo coordinates of the Lease area sketch and the mining plan.

Agenda Item No. 26	**Building Stone & Road Metal Mining of M/s. Real Constructions, Sy. Nos. 497(Govt Land), Nustulapur Village, ThimmapurMandal, Karimnagar District - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/36504/2019 (EC)**

Earlier, the SEAC in its meeting held on 27.02.2020 constituted a Sub-Committee to inspect the site and submit report on present status of the project, impacts of the project on Lower Manair Reservoir, village & surrounding environment, adequacy of EMP measures proposed and specify additional conditions, if any.

The Sub-Committee constituted by the SEAC inspected the site on 05.11.2020 and submitted the report. The following observations were made by the sub-committee members:

1. *Mining operations are not being done at the project site.*
2. *The project site is about 60 mtr from the water body.*
3. *From the records it is observed from that the average bed level of Manair reservoir is +835.00 feet. Latest contours have not been furnished for the site.*
4. *The present working area Sy. No497 falls under the submerging area acquired for Lower Manair Dam project by I&CAD.*
5. *Environment clearance may be given subject to Obtaining NOC from I&CAD.*

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC decided to inform the proponent to submit a copy of NOC issued by the I&CAD Department w.r.t the proposed mine.

Agenda Item No. 27	**M/s. Meera Shantivanam Private Limited, Survey No: 112/126 (p), 112/127(p), 112/128 (p), 112/129(p), 112/132(p) and 112/134 (p), Chegur Village, Nandigama Mandal, Ranga Reddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIS/150489/2020 (EC)**

Earlier, the SEAC in its meeting held on 17.06.2020 constituted a Sub-Committee to inpect the site, verify records and submit report on present status of the project, impacts of the project on nearest water body, adequacy of proposed EMP measures, status of NOC by the I&CAD Dept., etc.,

The Sub-Committee constituted by the SEAC inspected the site on 09.01.2021 and submitted the report. The following observations were made by the sub-committee members:

1.Construction work has not been started t the proposed site.
2. The site is free from any vegetation .
3.The proposed site is adjacent to a water body, Raikunta .
4.During the inspection it was found that the water body is on the downstream side of the site and the tank was at its full level.
5.The distance between the FTL and the construction point is 200 mtrs.(Map attached)
6.NOC from I&CAD attached.
7.The tank and its surroundings are maintained in their natural environmental form.

Environment clearance may be given as no adverse impact is envisaged due 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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Agenda Item No. 28	**4.96 Ha. Rough Stone & Road Metal of M/s. Sai Ramana Metal Industries, Survey No. 132, Rudraram village and Survey No.738, Lakdaram village, Patancheru Mandal, Sangareddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/157946/2020 (EC)**

Earlier, the SEAC in its meeting held on 26.11.2020 constituted a Sub-Committee to inpect the site and submit report on present status of the project, impacts of the project on nearest water body, human habitation & surrounding environment.

The Sub-Committee constituted by the SEAC inspected the site on 04.01.2021 and submitted the report. The following observations were made by the sub-committee members:

1. *Mining activity is not going on at the site.*
2. *The nearest village is Rudraram at a distance of 1.8 km.*
3. *Nearest water body is at a distance of 110.94 mts.*

No adverse impact is envisaged on the surroundings. Environment clearance may be given subject to:

a) *Formation of garland and siltation pond to let out only clean water from the lease area.*
b) *Plantation along the transport route and in the buffer zone of 7.5 width on the periphery of lease.*

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

Agenda Item No. 29	**The Botanika by M/s. Universal Realtors Private Limited, Survey Nos. 132(P), 110(P), 108(P), 107(P), 104/2 & 136/3, Gachibowli, Serilingampally, Ranga Reddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIS/171630/2020 (EC)**

Earlier, the SEAC in its meeting held on 18.09.2020 constituted a Sub-Committee to inspect the site, verify records and submit report on present status of the project, adequacy of EMP measures proposed, impacts of the project on nearest water body / Nala and surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 30.11.2020 and submitted the report. The following observations were made by the sub-committee members:

1. *The project was issued an EC vide order dated 29.06.2010 and construction was undertaken accordingly followed by it. Most of the flats are also occupied now.*
2. *Now the project is seeking for a new EC for the expansion of the same project to increase the number of Floors and Units. The details are given below.*

Particulars	***EC obtained***	***Proposed***
Site area	*29200 m^2*	*29663.2 m^2*
Built up area	*135500.18 m^2*	*145825.8 m^2*
Parking area	*31924.7 m^2*	*37212.2 m^2*
No. of blocks	*5 Blocks + Amenities*	*5 Blocks + Amenities*
No. of floors	*3B+G+16 Floors*	*3B+S+20 floors, 3B+G+22 floors,B+G+4 floors*
No. of units	*257*	*353*
Water requirement	*180.23 KLD*	*257 KLD*
Wastewater generation	*144.18 KLD*	*205.6 KLD*
Solid waste	*687.50 Kg/day*	*1148 Kg/day*
STP capacity	*160 KLD*	*140 KLD and 190 KLD*
EMP cost	*31 lakhs*	*236.3 lakhs*

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3. *Good greenery was observed in the project as stipulated and the various EMP measures are also implemented well as per the previous EC.*
4. *There is no waterbody nor Nala near to the project. It seems it has been mentioned by mistake in the Minutes.*

Recommendations:
As the project is executed well within the norms and conditions of the previous EC, Environmental Clearance may be given to the project for expansion of additional Floors and Units subject to the compliance of similar norms and conditions.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC deferred the project for consideration after submission of Certified Compliance report on earlier EC conditions.

Agenda Item No. 30	**4.99 Ha. Stone and Metal of M/s. Jeripeti Vaddera Welfare Association, Sy.No. 829/Part, Ootla (V), Jinnaram (M), Sangareddy District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/175540/2020 (EC)**

Earlier, the SEAC in its meeting held on 16.10.2020 constituted a Sub-Committee to inspect the site and submit report on present status of the project, impacts of the project on the nearest water body & mixed jungle, surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 07.01.2021and submitted the report. The following observations were made by the sub-committee members:

1. Present status of the mine
The Project has not yet started at the proposed site. The deposit is intact.

2. Impact of the project on nearest waterbody, RF mixed jungle and surrounding environment
a. It was observed that the nearest villages are Dadiguda and Ootla, which are 1.3 KM and 1.5 KMaway respectively from the project site, while the waterbodies Ralakatva cheruvu and Shivanagar cheruvu are located at 1.45 KM and 1.4 KM away respectively (Fig 1). Therefore, both the human habitations and waterbodies would not be affected by the mining. However, there is one private percolation tank located adjacent to the northern boundary of the mine, which is constructed by the neighbouring landlord in his land to take advantage of the rainfall runoff from the nearby RF for irrigation and groundwater recharge purposes. Its catchment is located sideways beyond the project area and hence its runoff flows will not be affected by the mining. However, in order to avoid anyadverse impact of miningon this private waterbody, it is suggested to build a bund of 1 M height, 3 M bottom width and 3 M top width all along the south-eastern side of lease area.

b. Reserve Forest, classified as mixed jungle in the Topo sheet, is closer to the project site on the south side. It was found that there is a trench all around the RF boundary and from this trench the boundary of the project is located at 54 Meters away (Fig.1). Moreover, it is further found that, though the mine lease area is 4.99 Ha, as per the mining plan approved for 5 years,the mining operations would be confined to only 3.646 Ha in 5 years period and the remaining 1.344 Ha of area on the west side would be left intact. Therefore, the project has neither boundary issue (as it is 54 Mts away) nor any adverse impact of the mining on the nearby RF.

*c. The project site is located on the rocky, slightly undulating and small boulder hillocks with medium to sparsely covered vegetation growing out in the crevices of boulders consisting mainly of tree species such as chironji (**Buchananialanzan**), teak (**Tectonagrandis**), moduga (**Buteamonosperma**), pala (**Writightiatinctoria**), beedi (**Diospyrosmelanoxylon**), Seetha (**AnnonaSquamosa**), nemalinara (**Holopteliaintegrifolia**), vavili (**Vitexnegundo**), etc., and wild bushes with thin dry grassy ground cover.*

The vegetation in the mining area allocated for 5 years, which though consists mostly of very wide rockout crop (banda) and big boulders with thin greenery cover, would be affected by the mining operations. But the proponent has to protect the remaining 1.344 Ha, which is having relatively thicker vegetative cover as it is, though Govt. land, an extension of the adjacent RF mixed jungle having similar terrain and tree species, from any cutting down and any sort of trampling and

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damage during the mining operations. Besides, a green belt of 7. 5 Meters width should be planted with the local tree species in the adjoining land all around the mine boundary.

The proponent has submitted an undertaking to protect the existing naturalvegetation in non-mining area of 1.344 Ha and maintain the buffer of 7.5 Mts along the quarry lease area as per the 5 years plan, and construct a retaining wall along with garland drain towards the northern boundary separating the private water harvesting structure.

The following instructions to be included in the EC:

a) *Mining method should be mild and controlled blast only*
b) *Mining should be done as stipulated by Director General of Mines Safety*
c) *The proponent should follow the rules and instructions of DMS from time to time*
d) *Proper information to be given to the villagers and other inhabitants*
e) *Blasting should be carryout only during day time*
f) *There should not be any excessive explosive to be used*
g) *Certified blaster to be employed*
h) *Construction of garland drains with siltation pond*
i) *Protection of greenery in the non-mining areas within the lease area*
j) *Develop a green belt of 7.5 Meters all around as per the norms*
k) *Construction of the approach road*
l) *Install the air pollution equipment and sprinkling of water*

Recommendations:

As such there is no adverse impact on the human habitations, waterbodies and RF, hence the project would not disturb the surrounding environment if adequate EMP measures are implemented as envisaged. Therefore, Environmental Clearance may be given to the project with the above conditions and undertakings.

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

Agenda Item No. 31	**2.50 Ha. Building Stone and Road Metel of Sri Chinthakindi Prabhakar, Survey No.59, Jayaram Village, PalakurhtyMandal, Peddapally District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/162028/2020 (EC)**

Earlier, the SEAC in its meeting held on 03.12.2020 constituted a Sub-Committee to inspect the site, verify records and submit report on present status of the project, impact of the project on nearest waterbody, nearest human habitation, RF, surrounding environment and status of NOC from I&CAD Dept., etc.,

The Sub-Committee constituted by the SEAC inspected the site on 08.01.2021 and submitted the report. The following observations were made by the sub-committee members:

Present status of the mine The Project has not yet started. The deposit is intact.
2. Distance of the nearest Water body from the proposed mine The nearest waterbody is a village tank viz., Jayaram Cheruvu located at 60 meters away from the site (Fig.1).

3. Distance of the nearest habitation and Reserve Forest from the proposed mine The nearest habitation is Putnoor and the houses are around 350 meters away from the mining site. The nearest village is Jayaram village at a distance of about 390meters from the mining site. The nearest Reserve Forest is Puthur RF around 2.2 k.m. from the site. Mining is being proposed in a small mound as shown in the approved mine plan

4. Impact of the project on Water body The village tank is near to the mine. However, the distance is more than stipulated. Therefore, the mining activity would have insignificant impact. Irrigation officials have examined the site and issued the No Objection Certificate to this effect (Annexure 1). The proponent has to construct the garland drains and the siltation pond to arrest the fine dust and other beneficiation activities entering the water body.

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5. Impact of the project on human habitation and Reserve Forest Since the proposed mine and exploitation is for road metal by following mild blast/open cast method of mining, the proponent has to take measures so that it would not disturb the environment. Proponent should follow controlled blasting as per the guidelines of the Director of Mines Safety. They should follow the mining method suggested by the DMS. The rock splinters and dust generated during the operations have to be contained by regular water spraying. The nearby houses may not have any negative impact as the blasting method of mining will not be followed as the village is more than 350 meters from the site. Measures like Air pollution equipment need to be installed to arrest and restrict the spread of particulate matter. Reserve forest is far away from the site and the mining operations will not have any adverse impact. 6. Impact of the project on vegetation and surrounding environment Proper road network around the working pits to be maintained to avoid the fine dust entering the atmosphere. The terrain is undulated with thin vegetative cover and the proponent should develop green cover in non-mining part of the lease land. 7. Status of NOC from I &CAD Dept The proponent has obtained NOC from the I & CAD department. They have mentioned that due to the mining activity the water body would NOT get disturbed. (The letter is attached in Annexure 1). 8. Green belt development The hillock has sparse vegetation covered over it growing out in the crevices of boulders consisting mainly of tree species such as neem (Azadirachta indica), moduga (Butea monosperma), chigara (Albizia amara), rela (Cassia fistula) and wild bushy regu (Ziziphus mauritiana) with thin grassy ground cover. The proponent has to protect this vegetative cover as much as possible, particularly in the non-mining areas within the lease area from any sort of trampling and damage during the mining operations. Besides, a green belt of 7. 5 Meters width should be planted with the local tree species in the adjoining land all around the mine boundary, as the same cannot be developed in the mine area, as it is entirely covered by the granite batholith.

The following instructions to be included in the EC:

Mining method should be mild and controlled blast only b) Mining should be done as stipulated by Director General of Mines Safety c) The proponent should follow the rules and instructions of DMS from time to time d) Proper information to be given to the villagers and other inhabitants e) Blasting should be carryout only during day time f) There should not be any excessive explosive to be used g) Certified blaster to be employed h) Construction of garland drains i) Protection of greenery in the non-mining areas within the lease area j) Develop a green belt of 7.5 Meters all around as per the norms k) Construction of the approach road l) Install the air pollution equipment and sprinkling of water

***Recommendations:** As such there is no adverse effect on the surrounding environment due to the project if the above conditions are duly met with. Since the habitation is around 350 away from the project site, it is safe and would not disturb the habitat. Water body is more than 60 meters away and RF is about 2200 meters away. Therefore, there would not be any adverse effect on them due to the mining activity Environmental Clearance may be given to the project with the above conditions and undertakings.*

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

Agenda Item No. 32	**20.24 Ha. Quartz Mine of Sri. Ashok Kumar Singh, Survey No. 57, Kothur Village, Bhoothpur Mandal, Mahabubnagar District - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/43533/2019 (TOR)**

Earlier, the SEAC in its meeting held on 06.11.2020 constituted a Sub-Committee to verify the earlier EMP measures undertaken, CER, details and distance to the nearest habitation.

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

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With reference to the above, the proposal was discussed in detail. It was informed by the representation of proponent that the mine exists at a distance of 60m from habitat. Due to the proximity of the mine and the use of explosives for exploitation of mineral. The proposal is recommended for rejection as per the latest guidelines regarding distance of habitation from the mine.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for rejection of EC, as it is very near to human habitation at only 60 mts away.

Agenda Item No. 33	**M/s. Aster Industries, Sy. No. 717, Kondamadugu (V), Bibinagar (M), Yadadri Bhuvanagiri District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/IND2/162920/2020 (EC)**

Earlier, the SEAC in its meeting held on 25.09.2020 constituted a Sub-Committee to inspect the unit, verify records and submit a report.

The Sub-Committee constituted by the SEAC inspected the site on 07.12.2020 and submitted the report. The following observations were made by the sub-committee members:

- *The status of the industry has not having sufficient green belt hence they have provided affidavit of declaration and undertaking to provide 33% of green belt.(Enclosed)*
- *Suggested to maintain the existing vegetation, and grow the avenue plantation all around the mine lease area.*
- *The documents of the industry has been verified*

Environmental Clearance may be issued.

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

Agenda Item No. 34	**1.497 Ha. Quartz & Feldspar of Of Sri G. Sudhakar, Sy. No: 736/1 & 736/72, Kulcharam Village, Kulcharam Mandal, Medak District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/41403/2019 (EC)**

Earlier, the SEAC in its meeting held on 10.01.2020 constituted a Sub-Committee to inspect the site, and submit report on present status of the project, impacts of the project on the nearest Village, waterbody, RF and surrounding environment, specify additional TORs / environment measures to be taken by the project proponent, if any.

The Sub-Committee constituted by the SEAC inspected the site on 04.03.2020 and submitted the report. The following observations were made by the sub-committee members:

(i) Distance of the mine from the nearest Village
Quartz & Feldspar Quarry of Sr G. Sudhakaris located at a distance of 280 m. from the Appajipalli Village.

(ii) Distance of the mine from the nearest water body
Quartz & Feldspar Quarry of Sr G. Sudhakar is located at a distance of 95 m. from Appajipalli tank and 90 m. from another waterbody.

(iii) Distance of the mine from the nearest R.F.
Quartz & Feldspar Quarry of Sr G. Sudhakar is located at a distance of 0.23 km (230 m.) from Ghanapur R.F.

(iv) Present Status of the Project:
The project has not yet started.

(v) Impact of the project on human habitation and surrounding Environment;

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Since the proposed mine and exploitation of Quartz and Feldspar is being carried out following semi mechanized, shallow drilling with controlled blasting. There is therefore likely to be very insignificant damage to the environment. The dust generated during the operations to be contained by regular water spraying. The nearby houses may not have any negative impact as the blasting will not be carried out regularly and will be carried out as and when required.

Appajipally village is located at 280 m. from the site. Therefore mining of the ore will not disturb the habitat. The proponent has to follow air pollution control measures as prescribed by the CPCB from time to time.

No impact on water bodies as no waste dump is proposed in the mine lease area. Waste generated should be used for bund formation along the lease area.

(vi) Green belt development:
The proponent has to develop green belt in the proposed land.

EC may be issued adhering to the EMP measures as stated.

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

Agenda Item No. 35	**M/s. Sri Karthikeya Bio & Pharma Projects Pvt. Ltd., Sy.No. 203/A1 of Mirzapalle village, Shankarampet (M), Medak District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/IND2/166633/2020 (EC)**

Earlier, the SEAC in its meeting held on 09.09.2020 constituted a Sub-Committee to inspect the unit, verify records and submit report.

The Sub-Committee constituted by the SEAC inspected the site on 24.09.2020 and submitted the report. The following observations were made by the sub-committee members:

	To Verify the issues	*Observations*
1	*List of Existing Products*	*M/s Sri Karthikeya Bio & Pharma Projects Pvt. Ltdis currently producing 60 MT of i) Phosphate Salts, ii)Chloride Salts and iii) Sulphate Salts per month with 20 MT quantity of each product.*
2	*Projectmodification*	*M/s Sri Karthikeya Bio & Pharma Projects Pvt. Ltdproposes to manufacture 15 API Bulk Drugs and their intermediates on Campaign basis with an installed capacity of maximum 1350 TPA.*
3	*Projectcost*	*The capital cost for the proposed expansion project is Rs. 500 Lakhs. The cost estimate of environment management is Rs. 50 Lakhs capital cost and Rs.10 Lakhs recurring cost.*
4	*ZLDSystem&itsadequacy*	*Industry is proposing to construct upgrade ZLD system to treat 88 KLD HTDS and 49.6 KLD LTDS. The proposed ZLD Treatment Scheme for HTDS and LTDS is quite adequate if they are to be implemented as envisaged.*
5	*ETPmodifications*	*The total permitted effluent is 137.6 KLD, out of which HTDS effluent of 88 KLD which is sent to Stripper followed by MEE and ATFD. Stripper Condensate sent to Cement Plants for Co-Incineration. MEE and ATFD Condensate along with LTDS effluent of quantity 49.6 KLD sent to biological treatment system. After proposed expansion the total effluent generated is 137.6 KLD which will be treated in "Zero Liquid Discharge System" (ZLD). Capacity of ZLD system*

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		presented as above. ***Existing*** *MEE-12 KLD (1 Nos) &* *Boiler capacity – 0.6 TPH* *DG Sets – 1 X 125* ***Expanding and proposing to*** *MEE-88 KLD* *Boiler capacity – 2 TPH* *Thermic Fluid Heater – 1 X 2 Lakhs K. Cal/hr* *DG Sets – 2 X250* *RO Plant- 135 KLD*
6	*Products:Comparisonofexistingand proposed(whicharegoingforexpansion)*	*List of existing and proposed products that are going for expansion is given in Appendix 1.*
7	*Verification of production records for one year*	*Verified and found to be audited.*
8	*Rawmaterial: Comparison ofexistingand proposed (which aregoing forexpansion)*	*Details of existing raw materials and proposed Raw Material are as described in EIA.*
9	*Solidwaste:Comparisonofexistingandproposed(whicharegoingforexpansion)*	*Details of existing and proposed Solid Waste generation and Mode of Disposal are provided inthe project proposal (PPT).*
10	*Impactonsurroundings*	*Water Pollution: Total effluent generated increased to 137.6 KLD with 88 KLD HTDS and 49.6 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.* *Air Pollution: It is proposed to establish additional coal fired boiler of capacity 1 x 2 TPH to meet the steam requirement for process. 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.* *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 distillates 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.*
11	*ApplicabilityofS.0.804(E),dt.14.03.2017&S.O.1030(E)dt.08.03.2018 issuedbythe 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 unforeseen disasters. Disaster management plan and safety measures submitted along with EMP report.*
13	*Greenbelt development*	*M/s Sri Karthikeya Bio & Pharma Projects Pvt.*

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		Ltdhas proposed and allocated land for greenbelt to be developed in more than stipulated one third of the total area (3120 Sq. M) covering 468 plants (Appendix 2). However, plant density can be increased with a greater number of plants as much as possible.
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:
Environmental Clearance may be given to the proposed expansion project.

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

Agenda Item No. 36	**1.214 Ha. Mosaic Chips of M/s. Sri Sai Mineral & Chemical Industries, Sy.No: 18(GL), Raghunadapalem Village, Mattampally Mandal, Suryapet District - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/136451/2020 (EC)**

Earlier, the SEAC in its meeting held on 09.07.2020 constituted a Sub-Committee to inspect the site and submit report on present status of the project, impacts of the project on Nala/Stream, nearest human habitation, waterbody, RF, surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 24.12.2020 and submitted the report. The following observations were made by the sub-committee members:

1. Present status of the mine
The Project has not yet started at the proposed site. The deposit is intact

2. Impact on Stream, nearest habitation, waterbody, RF and surrounding environment
2.1 The nearest village is Gundlapalli, which is located at 300 meters (areal distance) from the mining site (Fig.1). Therefore, mining the ore would not disturb the human habitation.

2.2 Nearest village tank is around 1700 Meters from the site. UraVaguis a seasonal Nala flows around 1 KMaway from the mine site on the west side (Annexure 2). Both these water bodies would not have any impact due to the mining activity. However, unusual, frequent incessant rains in the previous rainy season have brought the backwaters from the Pulichinthala project, which is located at about 18 KMs away towards south side of the lease area, and flooded the agricultural lands close to the project boundary due to non-opening of its gates reportedly to prevent flooding in its command area. It is found that the Full Reserve Level (FRL) or High Flood Levelof Pulichinthala project is 53.34 above MSL, which bays into south-east side of the proposed project. It is, however, further found that the distance from the project boundary to the contour line of 54 MSL is 100 meters and from 53 MSL it is 60 meters (Contour Map is enclosed). Nonetheless, though it is seasonal and presumably rare occurrence in the event of incessant rains like last year, yet in order to prevent inundation of the lease area and any adverse impact of the mining, it is suggested to build a bund of 1 M height, 3 M bottom width and 3 M top width all along the south-eastern side of lease area. Besides, the proponent should restrict the mining operations at the water table.

2.3 Since the proposed mine and exploitation of the mosaic chips will be carriedout following semi-mechanized, shallow drilling with controlled blasting, there is therefore likely to be very insignificant damage to the surrounding environment and the nearby houses of Gundlapallimay not have any negative impact. The dust generated during the operations has to be contained by regular water spraying.

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The proponent has to follow the air pollution control measures as prescribed by the CPCB from time to time. Measures like Air pollution equipment need to be installed to arrest and restrict the spread of particulate matter.

2.4 The proponent has to develop a green belt of 7.5 Mts around the mine by drilling augur holes within the lease areawith hardy multipurpose tree species.

Recommendations:
Environmental Clearance may be given to the project subject to compliance of the above suggestions and conditions.

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

Agenda Item No. 37	**M/s. Kaanthi Laboratories Pvt. Ltd. Sy. No. 32, Ghattuppla (V), Chandur (M), Nalgonda District - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/IND2/151859/2020 (EC)**

Earlier, the SEAC in its meeting held on 25.09.2020 constituted a Sub-Committee to inspect the unit, verify records and submit a report.

The Sub-Committee constituted by the SEAC inspected the site on 02.06.2020 and submitted the report. The following observations were made by the sub-committee members:

(i) Project Modifications:
M/s. Kaanthi Laboratories Pvt. Ltd., located at Sy.No. 32, Ghattuppal Village, Chandur Mandal, Nalgonda District, Telangana. ***The unit obtained consent for Establishment (CFE) vide Letter No. NLG-1134/PCB/ZO/RCP/CFE/2019-1105 dated 15.11.2019 for manufacturing Inorganic chemicals of capacity 9 TPM. The project was not yet completed.***
It is proposed to include Active Pharma Ingredients (Bulk Drugs & Intermediates) in existing/ consented inorganic products of propose include capacity 9 TPM in existing site area of 5 acres. It is proposed to manufacture 4 products on campaign basis. Aluminium Chloride generated during the manufacturing of Entacapone has commercial value and is also proposed to be extracted for sale.

Manufacturing Capacity – Consented (Inorganic Chemicals)

S. No	Name of Product	Capacity	
		Kg/day	TPM
1	Copper Sulphate	150	4.5
2	Potassium Sulphate	150	4.5
	Total	**300**	**9**

Manufacturing Capacity - Proposed

S. No	Name of the product	Cas No	Capacity	
			Kg/day	Kg/Month
1	Entacapone	130929-57-6	10	300
2	**Ciprofloxacin HCl**	**86393-32-0**	**150**	**4500**
3	Biperiden Hydrochloride	1235-82-1	2	60
4	Propofol	2078-54-8	2	60
5	Enalapril Maleate	76095-16-4	3	90
6	Bosentan	147536-97-8	0.25	7.5
7	**Mirtazapine Acid**	**61337-67-5**	**50**	**1500**
8	**N-Benzylpiperidine-4-Carboxaldehyde**	**22065-85-6**	**50**	**1500**
9	Solifenacin Intermediate ((s)-1-phenyl-1,2,3,4-tetrahydroisoquinoline)	242478-38-2	5	150
10	**Topiramate**	**97240-79-4**	**50**	**1500**
11	Vilazadone Base	163521-12-8	10	300
12	Brinzolamide Intermediate (3-acetyl -5-chlorthiophene -2-sulfonamide)	138890-62-7	20	600
13	Levetiracetam	102767-28-2	30	900
Worst Case: 4 Products on Campaign basis.			300	9000

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List of By-Products

S.No	Name of Product	Stage	Name of By-Product	Capacity	
				Kg/day	TPM
1	Entacapone	II	Aluminium chloride	16.7	0.50
2	N-Benzylpiperidine-4-Carboxaldehyde	III	Triethyl amine HCl	33.9	1.01

(ii) Project Cost

The proposed expansion entails a capital cost of Rs. 5 crores.

Project Cost		
		Rs. In Crores
Plant& machinery		2.6
Civil buildings		0.6
Structures		0.4
Total		**3.6**
Pipe lines & insulation	20% on plant & machinery	0.52
Electricals & instrumentation	10% on plant & machinery	0.26
Erection & commissioning & painting	8% on plant & machinery	0.21
Land & development		0.09
Material handling equipment charges		0.07
Laboratory equipment		0.09
Safety equipment		0.04
Furniture, fixtures, computers, lighting etc		0.04
Total		**1.32**
Contingencies & pre-operative expenses	5% on the above	0.08
Project Cost		**5**

(iii) ZLD System and its adequacy

The total effluent generated and mode of treatment.

Description	Quantity (KLD)		Mode of Treatment
	Consented	Proposed	
HTDS Effluents			
Process	1	3.57	Sent to Stripper. Stripper condensate shall dispose to cement industries for co-processing/TSDF. Stripper bottom sent to MEE followed by AFTD. Condensate from MEE shall be sent to biological treatment plant.
Washings		0.5	
Scrubber Effluent		0.4	
Total - I	**1**	**4.47**	
LTDS Effluents			
Boiler Blow downs	0.3	0.5	Sent to Biological Treatment System followed by RO. RO permeate reused for cooling tower makeup. RO rejects sent to MEE.
Cooling Tower Blow downs	0.7	3	
Domestic	0.4	1.8	
Total - II	**1.4**	**5.3**	
Grand Total (I+II)	**2.4**	**9.77**	

Process Description and Technical Specification of Effluent Treatment System

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. Effluents generated from process, washings, scrubbing effluent and rejects from pre-treatment of raw water are considered as High TDS and utility blow downs and domestic wastewater are considered as Low TDS effluents.

The High TDS/ COD Effluents

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

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(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.

The Low TDS/ COD Effluents:

These effluents along with 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.

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 scrubbers while 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. Schematic diagram of effluent treatment system and details of treatment facilities are presented in below.

Details of Treatment Facilities

S. No	Description	Capacity (KLD)	
		Designed	Operating
1	Stripper	6	4.1
2	Multiple Effect Evaporator	10	6.1
3	Agitated Thin Film Dryer	0.5	0.26
4	Biological Treatment Plant	15	11.4
5	Reverse Osmosis Plant – I	15	11.4
6	Reverse Osmosis Plant - II	6	4.6

(iv) ETP Modifications

The total permitted effluent is 2.4 KLD, out of which HTDS effluent of 1 KLD which is sent to Stripper. Stripper condensate shall be disposed to cement industries for co-processing/TSDF. Stripper bottom is sent to MEE followed by AFTD. Condensate from MEE shall be sent to biological treatment plant followed by RO. RO rejects are sent to MEE and permeate is reused in cooling towers and boiler make-up.

After proposed expansion the total effluent generated is 9.77 KLD, out of which 4.47 KLD will be treated in "Zero Liquid Discharge System" (ZLD). Capacity of ZLD system is 15 KLD and domestic wastewater and LTDS effluent of quantity 5.3 KLD will be sent to biological treatment system followed by RO. RO permeate reused for cooling towers and boiler make-up. RO rejects are sent to MEE.

(v) Products: Comparison of existing and proposed (which is going for expansion)

List of products and capacity of permitted products and after expansion products is presented in Point no. i

(vi) Verify production details w.r.t permitted for the past one year, as per ER-I

No production was started as the plant is not yet completed construction and no equipment were installed.

(vii) Raw material: Consumption of existing and proposed (which are going for expansion)

The list of Raw materials – API

S.No	Name of product	Name of Raw Material	Quantity (Kg/ day)
1	Entacapone	3Methoxy 4 hydroxy 5Nitrobenzaldehyde	18.6
2	Ciprofloxacin Hcl	Q-acid	143.6
3	Biperiden Hydrochloride	Dicyclopentadiene	5.8
4	Propofol	4-Hydroxybenzoic acid	3.2
5	Enalpril Maleate	Enalpril acid	2.2
6	Bosentan	Pyrimidine 2-Carbonitrile	0.3
7	Mirtazapine Acid	2-Chloronicotinonitrile	34.1
8	N-Benzylpiperidine-4-Carboxaldehyde	Ethyl Piperidine -4-Carboxylate	62.4
9	Solifenacin Intermediate	2-Phenyl ethanamine	4.0
10	Topiramate	D-Fructose	31.2
11	Vilazadone Base	Ethyl 5-(4-4(5-cyano-1H-indol-3-	31.2

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		yl)butyl)piperazib-1-yl)benzofuran-2 carboxylate	
12	*Brinzolamide Intermediate*	*2,5 dichlorothipophene*	*26.0*

(viii) Solid Waste: Comparison of existing and proposed (which are going for expansion)

Solid Waste Permitted and after expansion

S.No	*Description*	*Units*	*Quantity*	*Mode of Disposal*
		Consented		
1	*Inorganic Residue/ FE Salts*	*Kg/day*	*25.2*	*Sent to TSDF*
2	*ETP Sludge*	*Kg/day*	*9.94*	*Sent to TSDF*
3	*Detoxified Containers*	*Nos/Month*	*20*	*After detoxification sent to Authorized agencies*
4	*Waste Oil*	*LPA*	*100*	*Sent to Authorized Recyclers*
		Proposed		
1	*Ash from Boiler*	*TPD*	*6.5*	*Sold to Brick manufactures*
2	*Organic Residue*	*Kg/day*	*184.6*	*Sent to TSDF/Cement Industries*
3	*Solvent Residue*	*Kg/day*	*109*	
4	*Spent Carbon*	*Kg/day*	*17.5*	
5	*Inorganic residue*	*Kg/day*	*84.3*	*Sent to TSDF*
6	*Evaporation Salts*	*Kg/day*	*97.1*	*Sent to TSDF*
7	*Stripper Distillate*	*Lts/day*	*44*	*Sent to Cement Industries for Co-incineration.*
8	*Spent Solvents*	*KLD*	*2.32*	*Recovered within the plant premises.*
9	*Mixed Solvents*	*KLD*	*0.26*	*Sent to authorized recovery units/Cement plants for co-incineration*
10	*ETP Sludge*	*Kg/day*	*25*	*Sent to TSDF*
11	*Detoxified containers*	*No.s/year*	*400*	*After detoxification sent to Authorized agencies*
12	*Waste oil*	*Kl/Annum*	*1.2*	*Sent to Authorized Recyclers*
13	*Used batteries*	*No.s/year*	*8*	*Sent to Authorized Recyclers*

Impact on Surroundings

S.No	*Description*	*Remarks*
1	*Water Pollution*	*Total effluent generated increased from 2.4 KLD to 9.77 KLD and same will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible*
2	*Air Pollution*	*The sources of emissions are the proposed 3 TPH coal fired boiler. Backup DG sets of 1 x 62.5 KVA existing and 2 x 250 KVA DG sets which are used during load shut down by TSPDCL. It is proposed to replace existing 1 x 1 TPH coal fired boiler by 1 x 3 TPH boiler. Multicone Cyclone Separator will be provided as air pollution control equipment for 3 TPH Coal fired boiler. DG sets shall be provided with effective stack height based on CPCB formula.* *The process emissions contain Hydrogen chloride, Hydrogen Bromide, Chlorine, Carbondioxide, Ammonia and Hydrogen. Hydrogen chloride, Ammonia, and Sulphur dioxide are sent to scrubber in series. Sodium chloride from HCl and chlorine scrubbing, Sodium Bromide from HBr Scrubbing, ammonium Chloride from ammonia scrubbing sent to ETP. The other gas expected in the process is Carbon dioxide and Hydrogen which are let out into atmosphere following a standard operating procedure, while Hydrogen gas is let out into atmosphere through a water column.* *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.*

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3	*Solid Waste*	*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 is 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*

(ix) Applicability of S.O. 804 (E), dt. 14.03.2017 & S.O. 1030 (E) dt. 08.03.2018 issued by MoEF&CC, GoI.

- ***NOT APPLICABLE –***

The unit obtained consent for Establishment (CFE) vide Letter No. NLG-1134/PCB/ZO/RCP/CFE/2019-1105 dated 15.11.2019 for manufacturing ***Inorganic chemicals only.***

(x) Implementation of disaster management plan and safety measures in the existing project and proposed expansion.

Emergency Procedure

- *Whoever notices an emergency identified above or a grave situation or a situation which has a potential to develop into an emergency should forthwith raise the alarm by suitable means the person will also inform the shift In-charge of the area affected.*
- *Essential Employees, if they are on plant rounds are to move to their place of work and await instructions or carry out predetermined responsibilities such as taking safe shutdown of equipment or entire plant during emergency as per the instructions of incident controller procedure.*
- *If they are aware of nature of emergency, they take necessary steps to control situation-causing emergency, by taking precautions to protect themselves and to protect property, prevent spreading of emergency. If necessary or instructed by Incident controller they take emergency shutdown of that plant.*
- *In the event of fire accident, electrical operator would switch off power supply the concerned block enabling fire fighting operations as and when instructed by Incident controller.*

Safety/Control Measures in Existing Facility - Storages

Significant Risks	***Safety/Control Measures***
Solvent Tank Farm and Chemical Tank Farm	
Fire/ Explosion	• *Solvent Tank Farm licensed by PESO.* • *Restrict inventory to licensed quantities in Solvent Tank Farm.* • *Fenced Solvent Tank Farm.* • *Fenced Solvent Tank Farm capable of being locked when not in use.* • *Access Control and control of visitors* • *Control of ignition sources.* • *All electrical equipment and fittings to be flameproof as per area classification.* • *Provision of foam cover to cover the largest dyke area* • *Water spray cooling arrangements for all tanks* • *Fire hydrants and fire monitors* • *Solvent Storage Tanks to have N_2 blanketing* • *Earthrite system for earthing of tankers carrying solvents.* • *Spark arresters on vehicles* • *Wetting of road and tyres before unloading* • *NO dry grass inside the fenced area* • *No parking inside/ near the tank farm.* • *No obstruction on the road for free movement of fire tender.* • *No solvent pumping in night shift – Daytime operations only.*

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Significant Risks	*Safety/Control Measures*
Loss of Containment and Spillage	• *Dykes for all tanks (Dyke capacity to be min. 110% of tank capacity and dyke distance from tank to be min half the tank height).* • *Tanker unloading area (road) to be dyked.* • *Availability of the Spill control kit.*
Injury at the time of loading/ unloading	• *Provision of PPE to stores personnel.* • *Operations by trained stores personnel only.*
Bulk Materials Store (liquid chemicals) Drum Yard and Special Chemicals Store	
Fire/ Explosion	• *Fenced area, Access Control and control of visitors* • *Building capable of being locked when not in use.* • *Control of ignition sources.* • *Control of inventory to minimum possible* • *Segregation of materials.* • *Smoke/ Heat detection system (non-electricity based)* • *No water based firefighting setup around the store.* • *Adequate CAUTION displays* • *Fire hydrants and fire monitors* • *Provision of foam* • *No electrical installation inside the Store* • *Adequate natural light and ventilation.* • *Daily night inspection by Shift Manager.* • *No dry grass inside the fenced area* • *Emergency exit.*
Loss of Containment Spillage	• *Arrangements of drums in rows of two (two levels max) and a gap of at least 2 feet between rows and from the walls all around.* • *Storage in open area on hard impervious floor surrounded by a dyke/ sill. (For Bulk Materials Store and New Solvent Drum Shed)* • *Availability of the Spill control kit*
Ergonomics – Poor posture leading to illness/ injury. Injury at the time of loading/ unloading	• *Provision of PPE to stores personnel.* • *Loading/ unloading only by trained stores personnel.*
Raw Materials Warehouse, Finished Goods Warehouse, Packing Materials Warehouse, and Engineering Store	
Fire	• *Access Control and control of visitors* • *Fenced area* • *Building capable of being locked when not in use.* • *Control of ignition sources.* • *Control of inventory to optimal levels* • *Segregation of flammable materials.* • *Segregation of materials.* • *Battery charging not to be done inside the warehouse except for penicillin warehouse, that too during daytime only.* • *Installation of Smoke/ Heat detectors* • *Adequate hydrant points outside/around the building* • *NO dry grass in open areas.* • *Daily night inspection by Shift Manager.* • *Emergency exit.* • *Availability of DCP, Foam and CO_2 fire extinguishers, Spill Control kit.*
Spillage	• *Availability of the Spill control kit*
Falling Objects	• *Mandatory head and foot protection when inside the warehouse.*
Ergonomics – Poor posture leading to illness/ injury. Injury at the time of loading/ unloading	• *Provision of other PPE to stores personnel.* • *Loading/ unloading only by trained stores personnel.*

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(xi) Greenbelt development

M/s. Kaanthi Laboratories Pvt. Ltd proposed to develop green belt in an area of 1.65 acres, covering the boundary of the site as part of environment management plan. Native species shall be identified for plantation and the guidelines issued by CPCB for development of green belt shall be followed. The green belt shall enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, consumption of treated effluent, prevention of soil erosion, and creation of aesthetic environment.

It is observed that, management of M/s. Kaanthi Laboratories Pvt. Ltd., has sufficient land and there may not be any adverse impact on the environment, in view of the EMP and other management plans propsed by the management. It is recommended to follow the guidelines and safety measures as per the Inspector of Factories and safety. The proponent is advised to develop greenbelt not less than 30% subject to an undertaking given by the proponent the proposed may be cleared for EC.

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

Agenda Item No. 38	**3.32 Ha. Quartz and Feldspar Mine of M/s. Trishul Mines & Minerals, Sy.No. 370 & 371, Gundyala Village, Hanwada Mandal, Mahbubnagar District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/147351/2020 (EC)**

Earlier, the SEAC in its meeting held on 26.11.2020 constituted a Sub-Committee to inspect the site and submit report on present status of the project, and impacts of the project on nearest human habitation, RF, Waterbody, vegetation & surrounding environment.

The Sub-Committee constituted by the SEAC inspected the site on 03.01.2021 and submitted the report. The following observations were made by the sub-committee members:

Present status of the mine
The Project has not yet started. The deposit is intact.

Distance of the nearest habitation from the proposed mine
The nearest habitation (few houses part of the village) is around 210 meters from the mining area. The nearest village is Dorasamudram is at a distance of 1.25 KM from the mining site.Mining is being proposed in a small mound as shown in the approved mine plan

Distance of the nearest Reserve Forest and Water body from the proposed mine
The nearest waterbody is a village tank which is around 300 meters from the site. A canal is passing at a distance of 950 meters from the site. The nearest Reserve Forest is Gundyala around 420 meters and Ibrahimbad which is around 2.19 km from the site.

Impact of the project on human habitation
Since the proposed mine and exploitation of the quartz feldspar minerals blocks are done by following mild blast/open cast method of mining, the proponent has to take measures so that it would not disturb the environment.
Proponent should follow controlled blasting as per the guidelines of Director of Mines Safety.They should follow the mining method suggested by the DMS.
The rock splinters and dust generated during the operations have to be contained by regular water spraying.

The nearby houses may not have any negative impact as the blasting method of mining will not be followed as the village is more than 210 meters from the site.
Measures like Air pollution equipment need to be installed to arrest and restrict the spread of particulate matter.

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Impact of the project on Reserve Forest and Water body

Reserve forest far away from the site and the mining operations will not have any impact. Similarly the village tank and the canal are more than stipulated distance therefore the mining activity would have insignificant impact. However the proponent has to construct the garland drains and the siltation pond to arrest the fine dust and other beneficiation activities.

Impact of the project on vegetation and surrounding environment

Proper road net work around the working pits to be maintained to avoid the fine dust entering the atmosphere. The terrain is undulated with thin vegetative cover and the proponent should develop green cover in non mining part of the lease land.

Green belt development

The proponent has to develop green belt in the adjoining land, as the same cannot be developed in the mine area as it is entirely covered by the granite batholith.

The following instructions to be included in the EC:

a) *Mining method should be mild and controlled blast only*
b) *Mining should be done as stipulated by Director General of Mines Safety*
c) *The proponent should follow the rules and instructions of DMS from time to time*
d) *Proper information to be given to villagers and other inhabiatnts.*
e) *Blasting should be carryout only during day time*
f) *There should not be any excessive explosive to be used.*
g) *Certified blaster to be employed*
h) *Construction of garland drains*
i) *Develop a green belt as per the norms*
j) *Construction of the approach road*
k) *Install the air pollution equipment and sprinkling of water*

Recommendations:

As such there is no adverse effect on the surrounding environment due to the project if the above conditions are met with. Since the habitation is around 210 and 1250 meters from the project site it is safe and would not disturb the habitat. Water body is more than 500 meters away and RF is about 420 meters away therefore there would not be any adverse effect due to mining activity

Environmental Clearance may be given to the project with the above conditions and undertaking.

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

Agenda Item No. 39	**M/s. MS Agarwal Foundries Pvt. Ltd., Sy.No. 158(P), 159(P), 166-170, Chetlagoraram village, Toopran Mandal, Medak District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/IND/50654/2014 (EC)**

Earlier, the SEAC in its meeting held on 09.09.2020 constituted a Sub-Committee impacts of the project on nearest habitation, Reserve Forest and surrounding environment, etc.

The Sub-Committee constituted by the SEAC inspected the site on 28.12.2020 and submitted the report. The following observations were made by the sub-committee members:

Members travelled to M/s MS Agarwal Foundries Pvt. Ltd., located in Survey No. 158 (P), 159 (P), 166-170 near Rangaipalli village (earlier it was a hamlet of Chetlagoraram village), Manoharabad Mandal (erstwhile Toopran Mandal), Medak District along with the Proponent and Consultant team. They have showed around the industry components, functional facilities and greenbelt area, and the team held discussions with the top management about the existing as well as proposed modernization cum expansion plans.

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1. Present Status The Project is located in 32 acres of land abutting to Rangaipalli village. The Proponent is planning modernization and expansion of the existing unit within this land. After expansion the actual plant area will increase from 11 acres to 17 acres, including the stocking yard, by taking this additional land from the open/future expansion area left aside before. There is greenbelt currently in 7 acres and as per the records so far 6,072 plants have already been planted out. Now the unit possesses Induction Furnace with a capacity of 205,000 TPA and a Rolling Mill of 369,000 TPA capacity. As part of its Modernization Cum Expansion, the Unit proposes to increase the capacity of Induction Furnace production from 2,05,000 TPA to 6,00,000 TPA and the Rolling Mill production from 3, 69,000 TPA TO 6,00,000 TPA.

2. Existing environmental measures being practiced: The industry is carrying out hot charging, Induction Furnaces, CCMT and Rerolling mill are all in operation. Main emissions are from Induction furnace, re-heating furnace, DG sets and fugitive dust from raw material handling. The unit has provided Mechanical Dust Collectors (MDC) followed by Bag Filters to control the dust emissions. The Air pollution control equipment such as MDC's, Bag filters, & Scrubbers are in operation and the height of the stack is 30 meters. Water is being sprayed through dedicated tanker on the inter roads and open yards to suppress / control the dust emissions. Overall, the EMP measures being followed are found to be adequate. The TSPCB officials are regularly monitoring the Unit for stack analysis, ambient air quality, water quality, and their recent report is attached to this report in the Annexure 1 for more details.

3. Adequacy of proposed EMP Measures EMP measures proposed in the project and described during the presentation are explained at the site by the proponent, which are adequate if they are to be implemented in toto as planned during the implementation.

4. Issues emerged in Public Hearing Public hearing was conducted in the open land opposite to the existing Unit on 17th October 2019. The people living in the surroundings of the industry, who attended and spoke in the meeting, mainly complained about the air, water and noise pollution due to the heavy smoke and dust emissions and not providing employment to the local youth. The industry has to be sensitive to the problems expressed by the people living close to the Unit and continuously endeavour to take adequate measures for containing the reported water, air and noise pollution by investing resources on greenbelt development and environmental protection. Local youth should be provided employment by upgrading their skills. There should be one dedicated Public Relations Officer placed at the factory premises to handle the people and their grievances timely and effectively.

5. Impacts of the proposed expansion on nearest human habitation, RF and surrounding environment Impacts of air Quality Bag filters have been installed for 2 Furnaces to control the air pollution. The same will be continued commensurately in the expansion capacities too. In order to avoid fugitive emissions from different sources, water sprinklers will be continued to using.

Impacts on Noise Acoustic enclosures for DG Set are present and the same will be continued. They are also planning to build a big shield towards the village side to contain the noise pollution within the premises.

Impacts on water resources No impact on water quality is anticipated as the unit continues primary treatment of cooling water and re-use. Zero discharge norms will be continuously followed. The domestic water is proposed to be treated in STP and re-used for gardening purpose. The total fresh water requirement for the plant after expansion is proposed to be met through private tankers.

Impacts on Soil The solid waste generated from the slag crusher and mill waste have commercial values. Mill scale is sold to downstream users and crushed slag after recovering iron will be used as filling material, road construction and brick making.

Impacts on Ecology About 7 acres of Greenbelt area is present now with 6,072 plants. As part of the expansion, the greenbelt area is going to be increased to 10.5 acres (i.e., 33% of the total area) with 10,750 plants. Thus, there will be positive impact on the environment. However, special care needs to be further taken by allocating a dedicated

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team for systematic maintenance of the greenbelt component by planting additional tree species in the gaps of existing plantation and in the new area plantation with close density of multipurpose local tree species. There are no endangered flora and fauna in the impact area.

Impacts on Socio Economy The expansion project generates additional jobs as direct employment and almost equal number of indirect employment opportunities.

Undertakings to be submitted by the Proponent
1. Green belt should be maintained by allocating a dedicated team.
2. Concrete Flooring need to be laid down at recommended places in the plant area
3. Rain water harvesting structures to be developed in the factory premises and surrounding area. 4. CSR and CER funds to be earmarked exclusively and spent in the nearby villages, including on educational infrastructure
5. Employment opportunities need to be given to the deserved local people by upgrading their skills
6. A dedicated Public Relations Officer placed at the factory premises to improve the relations between the affected people and the industry, and address their grievances timely and effectively.

Recommendations: With the submission of above undertakings and implementation of the same and tha proposed EMP measures effectively, the surrounding environment may not be affected by the proposed modernization and expansion of the Unit. In view of this, Environmental Clearance may be given to the project.

The SEAC examined the report of the Sub-Committee and undertaking submitted by the proponent. After detailed discussions, the SEAC deferred the project for consideration after submission of Certified Compliance report on earlier EC conditions.

Agenda Item No. 40	**3.65 Ha. Colour Granite Mine of M/s. Lumbini Stonex, Sy. Nos. 347/1 of Pocharam Village, Parkal Mandal, Warangal Rural District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/142824/2020 (EC)**

Earlier, the SEAC in its meeting held on 07.07.2020 constituted a Sub-Committee to inpect the site, verify records and submit report on present status of the project, impacts of the project on nearest human habitation, water body & RF, surrounding environment adequacy of proposed EMP measures, etc.,

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

The proponent has not shown interest and not approached the committee members for inspection of the site. The nearest habitat Aliabad SC Colony is at a distance of 45 mts as per the proposal presented to SEAC. Due to the proximity the proposal is recommended for rejection in view of the present guide lines.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for rejection of EC, as the nearest human habitation is located at a distance of only 45 mts from the proposed mine lease area.

Agenda Item No. 41	**M/s. M.N.Takshila Industries Pvt Ltd. Survey No. 101, 101/2 & 340, Lalgadi malakpet Village, Shamirpet Mandal, Medchal Malkajgiri District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIS/165702/2020 (MODIEC)**

Earlier, the SEAC in its meeting held on 17.09.2020 constituted a Sub-Committee to inpect the site, verify records and submit report on present status of the project, EMP measures being implemented, adequacy of proposed EMP measures proposed, impacts of the project on the surrounding environment, etc.,

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The Sub-Committee constituted by the SEAC inspected the site on 15.12.2020 and submitted the report. The following observations were made by the sub-committee members:

1. *EC was issued vide Order No: SEIAA/TS/OL/MDCL-176/2020-169, dated 27.06.2020 for a Built-Up area of 43,107.15 Sqm (2 Buildings i.e B-3600 - G+1 Floor and B-4500 G+1 Floor)*
2. *Now the proposed Amendment in EC is for construction of 3 more Floors in B-3600 (G+4 Floors)& Site Service Ancillary Building, due to which the Built-up area is increasing from 43,107.15 Sqm to 53,372.44 Sqm.*

3. *Present Status of the Project:*
   - *In Building – 3600 towards North Side Ground Floor is Completed and Preparing Slab Work for first floor & Towards South Side Ground Floor Pillars are Erected and Slab work to be initiated.*
   - *At Building – 4500 & Site Service Ancillary Building Area excavation work is yet to be initiated.*

The construction activity is in progress and EMP measures are inline with the existing EC. Amendment to the existing EC is recommended.

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

Agenda Item No. 42	**2.00 Ha. Colour Granite Mine of M/s. Sri Raja Rajeshwara Rocks, Survey No: 69, Ammavaripet Village, Kazipet Mandal, Warangal Urban District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/148241/2020 (EC)**

Earlier, the SEAC in its meeting held on 17.07.2020 constituted a Sub-Committee to inspect the site and submit report on present status of the project, impacts of the project on nearest water body, human habitation, surrounding environment, requirement/status of NOC from I&CAD Dept., etc.,

The Sub-Committee constituted by the SEAC submitted the report as following:

Members contacted the consultant several times but there is no response.
Finally members asked the status of the proponent and the project. The consultant submitted a letter indicating that the proponents are not interest to pursue the matter (enclosed the letter)
The project is hence Rejected

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for rejection of EC, as there is no response from the proponent as informed by the sub-committee.

Agenda Item No. 43	**2.00 Ha. Mining of Gravel/Morrum of Sri. Jadala Anjaiah, Survey No. 216, Kachapur Village, Julapally Mandal, Peddapally District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/36405/2019 (EC)**

Earlier, the SEAC in its meeting held on 24.12.2019 constituted a Sub-Committee to inspect the site and submit report on present status of the project, the existing green belt, impact of the proposed project on vegetation, nearest human habitation, nearest waterbodies, surrounding environment and also specify additional environment measures to be taken by the project proponent for protection of green belt, if any.

The Sub-Committee constituted by the SEAC submitted the report as following:

Members contacted the consultant several times but there is no response.
Finally members asked the status of the proponent and the project. The consultant submitted a letter indicating that the proponents are not interest to pursue the matter (enclosed the letter)
The project is hence Rejected

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The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for rejection of EC, as there is no response from the proponent as informed by the sub-committee.

Agenda Item No. 44	**3.80 Ha. Colour Granite Mine of M/s. Crown Enterprises, Survey No: 68, Bommareddypally Village, Dharmaram Mandal, Peddapalle District, - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/129795/2019 (EC)**

Earlier, the SEAC in its meeting held on 18.02.2020 constituted a Sub-Committee to inspect the site, and submit report on present status of the project, impacts of the project on the nearest Village, waterbody and surrounding environment, vegetation, adequacy of EMP measures proposed and any additional conditions, if any.

The Sub-Committee constituted by the SEAC submitted the report as following:

Members contacted the consultant several times but there is no response.
Finally members asked the status of the proponent and the project. The consultant submitted a letter indicating that the proponents are not interest to pursue the matter (enclosed the letter)
The project is hence Rejected

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for rejection of EC, as there is no response from the proponent as informed by the sub-committee.

Agenda Item No. 45	**1.00 Ha. Colour Granite Mine of M/s Sri Sai Ganesh Enterprises, Sy No.114 of Potlapally Village & Husnabad Mandal, Siddipet District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/44326/2018 (EC)**

Earlier, the SEAC in its meeting held on 23.12.2020 constituted a Sub-Committee to inspect the site, to verify records and submit report on present status of the project, impacts of the proposed project on nearest human habitation, seasonal pond & waterbody, surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 29.12.2020 and submitted the report. The following observations were made by the sub-committee members:

***Purpose:** To inspect the site with regard to the following points*

1. *Present status of the project*
2. *Impact of the project on the nearest seasonal pond (390 meters) and waterbody*
3. *Impact of the project on the nearest habitationKottapally 0.54 km*
4. *Impact of the project on surrounding environment*

Members noticed that the project lies within the waterbody.
The project is hence Rejected

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for rejection of EC, as the location of the project falls within the water body.

Agenda Item No. 46	**6.19 Gts. Quartz & Feldspar of Sri MD Khadhar Ghori, Sy. No. 34, Gouthapur Village, Balanagar Mandal, Mahaboobnagar District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/140561/2020 (EC)**

Earlier, the SEAC in its meeting held on 17.07.2020 constituted a Sub-Committee to inpect the site, verify records and submit report on present status of the project, impacts of the project on nearest human habitation, surrounding environment adequacy of proposed EMP measures, etc.,

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The Sub-Committee constituted by the SEAC inspected the site on 14.12.2020 and submitted the report. The following observations were made by the sub-committee members:

1. *Present status of the mine*

The Project has not yet started at the proposed site. The deposit is intact.

2. *Distance of the nearest habitation from the proposed mine*

The nearest village is NanaganiTanda — 0.23 Kms(aerial distance) from the proposed mine lease site (Fig.1).

3. *Im act of the project on human habitation waterbod RF and surrounding environment*

The nearby houses of Nanagani Tanda are at a distance of 228 meters. As the present mining activity proposed is by controlled blasting, and the quary operattions would be carried out with approvals of DMG following all the rules and regulations.Therefore, there may not be any negative impact on these houses.

4. *Impact of the project on water body and surrounding environment*

Proponent should follow the controlled mining method approved as per the guidelines of the Director of Mines Safety. The rock splinters and dust generated during the operations have to be contained by regular water spraying. The dust and waste management methods indicated in the proposal are sufficient to control the pollutants. Measures like Air pollution equipment need to be installed to arrest and restrict the spread of particulate matter.

Nearest water bodies Gouthapur Cheruvu 1.3 kms (NW). The present lease area is towards far away from the site. Therefore, the fine dust and debris from the mining activity will not have any adverse affect should be controlled. Mysura Kammadhanam RF – 10.2 kms (N) is the reserve forest in the nearby surroundings.

5. *Adequacy of EMP*

The proponent has proposed adequate EMP measures so that it would not disturb the local environment. However sparse green cover is seen in the lease area. The propoenn is proposing stores, office and other non mining activities in this part that protects the green vegetation. The proponent has to develop similar green cover around the mine in 7.5 mts green belt and protect the trees in the non-mining pockets of the lease area from any trampling or damage while carrying out the mining activity. The maintenance of green belt should be included in the EMP budget.

Recommendations:

Since the habitation is around 228 mts from the project site, it is safe and the project would not disturb the habitat, water body is more than 1.3 km away, therefore, there would not be any adverse effect. Environmental Clearance may be given to the project with the above conditions and undertakings.

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

Agenda Item No. 47	**1.0 Ha. Gravel Mine of M/s Sri Venkata Shiva Minerals, Sy No. 192/1, Koyachalaka Village, Raghunadhapalem Mandal, Khammam District. - Environmental Clearance - Reg.**
Proposal No.	**SIA/TG/MIN/140552/2020 (EC)**

Earlier, the SEAC in its meeting held on 09.07.2020 constituted a Sub-Committee to inspect the site and submit report on present status of the project, impacts of the project on nearest human habitation, vegetation / greenery, surrounding environment, etc.,

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The Sub-Committee constituted by the SEAC inspected the site on 09.11.2020 and submitted the report. The following observations were made by the sub-committee members:

1.There was not any new mining activity whatsoever seen at the 1 Ha proposed project site on the day of visit, except illegal gravel removal marks, reportedly carried out by the locals in the past, were observed. (See pictures below).

2. Besides, an active activity of gravel excavation and transport by a swarm of trucks was observed in the adjacent greenery clad hillocks 4 Ha Gravel Mine of M/s Telangana Minerals, which was reportedly granted EC by the District Authority in the recent past.

3.The nearest village is PuvvadaUdaynagar, which is located at 300 Mts away from the site, and it will not be affected by the mining activity as the mining methodology to be followed is scooping the gravel and loading onto the trucks (Fig.No.1). However, the Proponent should adopt the EMP measures strictly as envisaged in the proposal and shared during the presentation to avoid any possible adverse impacts on the surrounding environment.

4. Out of the 1 Ha mine lease area, about half of the site is covered by thick greenery. During the discussion, the proponent proposed to undertake a compensatory plantation,in lieu of the removal of this greenery,in 2.23 Acres situated in the Survey No.73/A2 at Jasthipally village in Kamepalli Mandal, besides leaving aside a buffer zone of the greenbelt in 7.5 Meters around the mine area. In this regard, he has submitted the copies of the said land records and an undertaking on the Rs.100 Indian Non-Judicial Stamp Paperstating the same, which are enclosed to this report in Annexures 1 & 2.

Recommendations:

As the proponent is willing to compensate the greenery to be affected by the project in his own land elsewhere, Environmental Clearance may be given to the projectby stipulating strict conditions of abiding by it without fail planting saplings of local tree species and maintain this land under greenery permanently.

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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