

**MINUTES OF THE 92<sup>nd</sup> MEETING OF  
STATE EXPERT APPRAISAL COMMITTEE,  
(SEAC), TELANGANA STATE  
HELD ON 07.12.2020, 2:00 P.M**



Minutes of the SEAC Meeting held on 07.12.2020

**MINUTES OF THE 92<sup>nd</sup> MEETING OF STATE EXPERT APPRISAL COMMITTEE (SEAC) HELD ON 07.12.2020 AT TSPCB, PARYAVARAN BHAVAN, A-3, I.E., SANATHNAGAR, HYDERABAD.**

The following members were present:

<b>S. No.</b>	<b>Name of the Expert</b>	<b>Position</b>
1.	Prof.Ch.Krishna Reddy, H.No: 2-2-20/L/7, #401. Golden towers – II, Raja Rajeshwari BLP, 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.	Shri Ravindra Samaya Mantri H.No: 3-5-44/1, Flat No. 301, Areadia Apartments, Edengaden Road, Hyderabad- 500001. Ph:9491145160	Member
4.	Shri Suresh, B-106, Vertex prime, Nizampet Road, Kukatpalli, Hyderabad. Ph: 9177037785	Member
5.	Dr.Vemula Vinod Goud, H.No. 6-156, Sridurga Estates, Deepthisri Nagar, Madinaguda, Hyderabad-500049. Ph:9440386945	Member
6.	Dr.K.Shivakumar, Plot No. 328, Flat No: 302, Mehar Ninan, KPHB 6 <sup>th</sup> phase, Kukatpally, Hyderabad-500072 Ph: 9951701067	Member
7.	Prof.A.Panasa Reddy, H.No. 4-7-17/5/1, Ragharendra Nagar, Nacharam, Hyderabad-500076. Ph: 9849957268	Member
8.	Prof.B.Reddy Naik, Department of Zoology, University College of Science, Osmania University, Hyderabad-500007. Ph: 9290491044	Member
9.	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

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

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**DECLARATION**

It is hereby declared that the Chairman and members of SEAC, T.S., do not have conflict of interest with any project proponent pertaining to the items discussed in the SEAC meeting held on 07.12.2020.

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

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<b>Agenda Item No. 01</b>	<b>4.95 Ha. Building Stone &amp; Road metal Quarry of M/s. Mahareddy Infra, Survey No. 280, Bachepally Village, Kalher Mandal, Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/162448/2020 (EC)</b>

The representative of the project proponent Sri Mahareddy Vamsidhar Reddy; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

Earlier, the SEAC in its meeting held on 07.03.2020 recommended the project for issue of EC and the SEIAA in its meeting held on 19.05.2020 decided to reject the proposal for the nearest water body (tank) is only 111 mts. (aerial distance). But, as per the new guidelines issued by SEIAA, nearest water body (tank) is more than 50 m from the quarry lease area.

Hence, the proponent again uploaded the application in online and requested to re-consider their proposal as per new guidelines.

The SEAC noted from Notice dt. 18.07.2019 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. 21.09.2019 of ADMG, Sangareddy 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 4.95 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 4.95 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 Meerkanpet (V) which is existing at a distance of 1.1 km; Kadpal RF exists at 1.3 km and a tank exists at 111 mts & Nizamsagar Reservoir exists at a distance of 5.0 km from the boundary of the site.

It is proposed to mine 1,42,982 m<sup>3</sup>/annum of Building Stone & Road Metal and the life of mine is reported as 7 years (@1,42,982 m<sup>3</sup>/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 6.7 KLD. Out of that, 2.2 KLD is used for Wet drilling, 2.8 KLD for Water Sprinkling, 0.8 KLD for development of green belt and 0.9 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 Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

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The total cost of the project is Rs. 50.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 7.04 lakhs and recurring cost: Rs. 3.79 Lakhs/annum.

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

<b>Agenda Item No. 02</b>	<b>4.00 Ha. Building Stone &amp; Road Metal Quarry of Sri Md. Sarwar Pasha, Survey No. 211/P, Sirigiripally Village, Gajwel Mandal, Siddipet District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/163883/2020 (EC)</b>

The representative of the project proponent Sri Md. Sarwar Pasha; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 11.03.2020 of the DDMG, Nizamabad 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 Ir. dt. 11.06.2020 of ADMG, Siddipet District informing that there are four quarry leases (4.047 Ha., 2.023 Ha., 10.0 Ha. & 5.46 Ha. – leases granted prior to 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 4.00 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 25.53 Ha. Net Cluster area is 4.00 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 Sirigiripally (V) which is existing at a distance of 1.8 km; Komatbanda RF exists at 5.0 km and a Cheruvu (NW) exists at 654 mts from the boundary of the site.

It is proposed to mine 1,27,320 m<sup>3</sup>/annum of Building Stone & Road Metal and the life of mine is reported as 13.50 years @ 88,896.0 m<sup>3</sup>/annum as per Approved Mining Plan.

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 7.6 KLD. Out of that, 3.0 KLD is used for Wet drilling, 2.5 KLD for Water Sprinkling, 0.6 KLD for development of green belt and 1.5 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 Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

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The total cost of the project for above 4.0 Ha. Building Stone & Road Metal Quarry is Rs. 40.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 4.80 lakhs and recurring cost: Rs. 2.78 Lakhs/annum.

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

<b>Agenda Item No. 03</b>	<b>4.0 Ha. Black Granite Mine of M/s. Sri Vijaya Laxmi Granites, Survey No. 72, Suraram Village, Zaffergadh Mandal, Jangaon District- Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/167171/2020 (EC)</b>

The representative of the project proponent Smt. K. Chaitanya; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 27.12.2019 of the DMG, 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. 08.06.2020 of ADMG, Jangaon 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 4.0 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 4.0 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 Tanda (N) which is existing at a distance of 150 m Gopalapuram Cheruvu (SE) exists at a distance of 460 m from the boundary of the site.

It is proposed to mine 85,038 m<sup>3</sup>/annum (Recovery (Granite) @ 8503.8 m<sup>3</sup> and Waste (RM &BS) @ 76,534.2 m<sup>3</sup>) of Black Granite and the life of mine is reported as 7 years (@ 6,058.66 m<sup>3</sup>/annum) as per Approved Mining Plan.

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 7.9 KLD. Out of that 2.8 KLD is used for Wet drilling, 3.2KLD for Water sprinkling on haul roads, 0.6 KLD for development of green belt and 1.3 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 ponds to arrest siltation. The proponent is proposing plantation of Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

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The total cost of the project for above 4.0 Ha. Black Granite Mine is Rs. 40.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 5.01 lakhs and recurring cost: Rs. 3.21 Lakhs/annum.

After detailed discussions, the SEAC recommends the project for rejection of EC, as the nearest human habitation is only 150 mts away from the mine lease area.

<b>Agenda Item No. 04</b>	<b>0.50 Ha. Road Metal &amp; Building Stone Quarry of Sri Repaka Shekar, Survey No. 210/1/2, Kosini Village, Kagaznagar Mandal, Kumrumbheem Asifabad District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/167570/2020 (EC)</b>

The representative of the project proponent Sri R. Shekar; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 14.08.2019 of the DDMG, Nizamabad 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. 03.03.2020 of ADMG, Kumaram Bheem Asifabad District informing that there are 3 quarry leases falling within 500m from the proposed quarry lease. It is observed from the letter that except one lease i.e., M/s. Waddera Seva Sangam (0.50 Ha. – lease granted on 09.01.2014) remaining two leases (0.5 Ha. & 0.5 Ha.) were granted prior to 2013.

The SEAC noted that the mine lease area is 0.50 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 2.0 Ha. Net Cluster area is 1.00 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 Kagaznagar (V) which is existing at a distance of 0.47 km; and a College exists at a distance of 283 mts; Garlapet RF (N) exists at 75 m and Irrigation Canal (NW) exists at 58 mts as per Google Map from the boundary of the site.

It is proposed to mine 12,060 m<sup>3</sup>/annum of Road Metal & Building Stone and the life of mine is reported as 6 years (@ 11,068 m<sup>3</sup>/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 7.6 KLD. Out of that, 3.0 KLD is used for Wet drilling, 2.5 KLD for Water Sprinkling, 0.6 KLD for development of green belt and 1.5 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 Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.



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The total cost of the project for above 0.50 Ha. Road Metal & Building Stone Quarry is Rs. 10.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 1.97 lakhs and recurring cost: Rs. 1.34 Lakhs/annum.

After detailed discussions, keeping in view of the proximity of Irrigation Canal, 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 Irrigation Canal, nearest human habitaion, RF, surrounding environment, etc.,

Members of Sub-Committee:

1. Sri *Sivatumar*.
2. Sri *Vinod goud*.

<b>Agenda Item No. 05</b>	<b>1.44 Ha. Black Granite Mine of M/s. K.N.R Granite Industries, Survey No. 503/2, 504 &amp; 505/P (Patta Land), Bodulabanda Village, Nelakondapally Mandal, Khammam District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/172915/2020 (EC)</b>

The representative of the project proponent Sri T. Koteswara Rao; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 03.11.2018 of the DMG, 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. 17.07.2020 of ADMG, Khammam informing that there are 6 quarry leases falling within 500m from the proposed quarry lease. It is observed from the letter that except one lease i.e., M/s. Venkata Sai Granites (1.398 Ha. – lease granted on 02.08.2017) remaining all leases are granted prior to 09.09.2013.

The SEAC noted that the mine lease area is 1.44 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 12.938 Ha. Net Cluster area is 2.838 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 Bodulabanda which is existing at a distance of 0.39 km and Nandigama canal (NE) exists at a distance of 1.4 km from the boundary of the site.

It is proposed to mine 12,003 m<sup>3</sup>/annum (Recovery (Granite) @ 1200.3 m<sup>3</sup>/annum and Waste (Road Metal) @ 10802.7 m<sup>3</sup>/annum) of Black Granite and the life of mine is reported as 8 years (@ 767.18 m<sup>3</sup>/annum) as per Approved Mining Plan.

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 4.8 KLD. Out of that 1.2 KLD is used for Wet drilling, 1.8 KLD for Water sprinkling on haul roads, 0.4 KLD for development of green belt and 1.4 KLD for domestic purpose. Wastewater generated from the domestic section is to be disposed into septic tank followed by soak pit.

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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 ponds to arrest siltation. The proponent is proposing plantation of Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

The total cost of the project for above 1.44 Ha. Black Granite Mine is Rs. 20.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 2.16 lakhs and recurring cost: Rs. 1.39 Lakhs/annum.

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

<b>Agenda Item No. 06</b>	<b>4.5 Ha. Building Stone and Road metal &amp; Gravel quarry of Sri Soyam Dharmaraju, Survey No. 302, Lingagudem Village, Penubally Mandal, Khammam District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/168916/2020 (EC)</b>

The representative of the project proponent Sri S. Dharmaraju; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 28.11.2019 of the DDMG, Warangal 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. 17.06.2020 of ADMG, Khammam District informing that there are 2 quarry leases (3.0 Ha. & 3.0 Ha. - Leases granted before 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 4.5 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 10.5 Ha. Net Cluster area is 4.5 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 Mahbubnagar (V) which is existing at a distance of 1.1 km; Kannegiri RF (N) exists at 1.5 km and Water pond (Cheruvu) (N) exists at 176 mts from the boundary of the site.

It is proposed to mine 1,04,949 m<sup>3</sup>/annum of Building Stone & Road Metal and 11,661 m<sup>3</sup>/annum of Gravel. The life of mine is reported as 33 years as per Approved Mining Plan.

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 6.0 KLD. Out of that, 2.3 KLD is used for Wet drilling, 2.0 KLD for Water Sprinkling, 0.5 KLD for development of green belt and 1.2 KLD for domestic purpose. Wastewater generated from the domestic section is to be disposed into septic tank followed by soak pit.

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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 Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

The total cost of the project for above 4.5 Ha. Building Stone and Road metal & Gravel Quarry is Rs. 45.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 5.02 lakhs and recurring cost: Rs. 2.80 Lakhs/annum.

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

<b>Agenda Item No. 07</b>	<b>1.30 Ha. Black Grantie Mine of M/s. Goutham Minerals, Survey No. 66/P (Patta land), Bodulabanda Village, Nelakondapally Mandal, Khammam District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/169062/2020 (EC)</b>

The representative of the project proponent Sri Y. Prasad Rao; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 13.04.2018 of the DMG, 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. 21.07.2020 of ADMG, Khammam District informing that there are 4 quarry leases (1.0 Ha., 1.0 Ha., 1.0 Ha. & 2.0 Ha. - Leases granted before 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 1.30 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 6.3 Ha. Net Cluster area is 1.30 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 Bodulabanda which is existing at a distance of 220 m and Small Canal (E) exists at a distance of 56 m from the boundary of the site.

It is proposed to mine 2,70,80 m<sup>3</sup>/annum (Recovery (Granite) @ 3249.6 m<sup>3</sup>/annum and Waste (Road Metal) @ 23,830.4 m<sup>3</sup>/annum) of Black Granite and the life of mine is reported as 3 years (@ 27,080 m<sup>3</sup>/annum).

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 3.6 KLD. Out of that 1.0 KLD is used for Wet drilling, 0.8 KLD for Water sprinkling on haul roads, 0.5 KLD for development of green belt and 1.3 KLD for domestic purpose. Wastewater generated from the domestic section is to be disposed into septic tank followed by soak pit.

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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 ponds to arrest siltation. The proponent is proposing plantation of Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

The total cost of the project for above 1.30 Ha. Black Granite Mine is Rs. 15.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 1.80 lakhs and recurring cost: Rs. 1.37 Lakhs/annum.

After detailed discussions, keeping in view of the proximity of water body & village to mine lease area, 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 water body, human habitation, surrounding environment, etc.,

Members of Sub-Committee:

1. Sri *Surenth*
2. Sri *Yenkareshwar*.

<b>Agenda Item No. 08</b>	<b>1.542 Ha. Rough Stone &amp; Road Metal Quarry of M/s. RNC Infrastructures Pvt. Ltd., Survey No. 247/2, Jainapally Village, Bibinagar Mandal, Yadadri Bhuvanagiri District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/169652/2020 (EC)</b>

The representative of the project proponent Sri Deveineni Sriman; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 31.01.2020 of the DDMG, Hyderabad that quarry lease was granted in favour of the proponent for a 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. 09.07.2020 of ADMG, Yadadri Bhuvanagiri District informing that there are 2 quarry leases (6.0 Ha. & 9.46 Ha. – leases granted prior to 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 1.542 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 17.002 Ha. Net Cluster area is 1.542 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 Jainpally Tanda which is existing at a distance of 1.3 km; Nagineni RF (W) exists at 1.0 km and Water pond (Cheruvu) (NW) exists at 282 mts from the boundary of the site.

It is proposed to mine 25,376 m<sup>3</sup>/annum of Rough Stone & Road Metal Quarry the life of mine is reported as 16 years (@ 17,773.60 m<sup>3</sup>/annum) as per Approved Mining Plan.

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.

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The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 7.0 KLD. Out of that, 3.0 KLD is used for Wet drilling, 2.5 KLD for Water Sprinkling, 0.6 KLD for development of green belt and 0.9 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 Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

The total cost of the project for above 1.542 Ha. Rough Stone & Road Metal Quarry is Rs. 15.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 1.80 lakhs and recurring cost: Rs. 1.37 Lakhs/annum.

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

<b>Agenda Item No. 09</b>	<b>1.97 Ha. Colour Granite Mine of M/s. PRR Mines and Minerals, Survey No. 528, Kothagattu Village, Shankarapatnam Mandal, Karimnagar District- Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/169833/2020 (EC)</b>

The representative of the project proponent Sri P. Ritesh Reddy; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 28.12.2019 of the DMG, 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 Ir. dt. 25.07.2020 of ADMG, Karimnagar 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 1.97 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 1.97 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 Kottagattu (V) which is existing at a distance of 1.3 km and Irrigation Canal (E) exists at a distance of 170 m from the boundary of the site.

It is proposed to mine 41,755 m<sup>3</sup>/annum (Recovery of granite @ 8,351 m<sup>3</sup>/annum and Waste (Road Metal) @ 33,404 m<sup>3</sup>/annum) of Colour Granite and the life of mine is reported as 21 years (@ 4,957.24 m<sup>3</sup>/annum) as per Approved Mining Plan.

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

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The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 7.0 KLD. Out of that 2.8 KLD is used for Wet drilling, 2.5 KLD for Water sprinkling on haul roads, 0.5 KLD for development of green belt and 1.2 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 ponds to arrest siltation. The proponent is proposing plantation of Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

The total cost of the project for above 1.97 Ha. Colour Granite Mine is Rs. 20.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 2.63 lakhs and recurring cost: Rs. 1.98 Lakhs/annum.

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

<b>Agenda Item No. 10</b>	<b>3.0 Ha. Rough Stone &amp; Road Metal Quarry of M/s. Gangothi Metal Industry, Survey No. 144 (Govt. Land), Khajipally Village, Jinnaram Mandal, Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/169930/2020 (EC)</b>

The representative of the project proponent Sri M. Anand Reddy; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

During presentation, it is observed that many crushers exists in and around the mine lease area. In this regard, the project proponent informed that the crusher existing in mine lease area will be dismantled and they will carryout mining activity.

The SEAC noted from Notice dt. 16.03.2020 of the DDMG, Nizamabad 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. 19.08.2020 of ADMG, Sangareddy District informing that there are 9 quarry leases (3.0 Ha., 2.50 Ha., 4.50 Ha., 1.10 Ha., 2.0 Ha., 2.0 Ha., 2.0 Ha., 2.0 Ha. & 4.0 Ha. – leases granted prior to 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 3.0 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 26.1 Ha. Net Cluster area is 3.0 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.

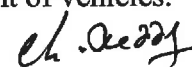
The nearest village to the proposed site is Khajipally (V) which is existing at a distance of 1.9 km; Kazipalli RF (SE) exists at 0.7 km and Tank (SE) exists at 400 mts from the boundary of the site.

It is proposed to mine 1,11,780 m<sup>3</sup>/annum of Rough Stone & Road Metal Quarry and the life of mine is reported as 11 years (@ 68,568.0 m<sup>3</sup>/annum) as per Approved Mining Plan.

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:

- Regular spraying of water by water sprinkling system on haul roads and retaining wall within the premises.
- Drilling with wet gunny bags on drilling surface.
- Blasting with low explosives.
- Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- Dust masks for employees.



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- 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 7.0 KLD. Out of that, 2.8 KLD is used for Wet drilling, 2.3 KLD for Water Sprinkling, 0.5 KLD for development of green belt and 1.4 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 Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

The total cost of the project for above 3.0 Ha. Rough Stone & Road Metal Quarry is Rs. 30.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 3.20 lakhs and recurring cost: Rs. 2.03 Lakhs/annum.

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

<b>Agenda Item No. 11</b>	<b>3.09 Ha. Rough Stone &amp; Road Metal Quarry of M/s. A. K. Reddy Stone Crusher, Survey No. 107, Garidepally Village, Garidepally Mandal, Suryapet District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/170310/2020 (EC)</b>

The representative of the project proponent Sri A. Krishna Reddy; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 28.12.2017 of the DDMG, Hyderabad that quarry lease was granted in favour of the proponent for a 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. 24.08.2020 of ADMG, Suryapet District informing that there are 7 quarry leases (1.0 Ha., 2.00 Ha., 1.335 Ha., 1.0 Ha., 2.0 Ha., 2.0 Ha. & 1.50 Ha.– leases granted prior to 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 3.09 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 13.925 Ha. Net Cluster area is 3.09 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 Lakshmipuram (V) which is existing at a distance of 1.4 km and Lakshmipuram Canal (SE) exists at 150 m from the boundary of the site.

It is proposed to mine 79,250 m<sup>3</sup>/annum of Rough Stone & Road Metal Quarry and the life of mine is reported as 19 years (@ 63,580.0 m<sup>3</sup>/annum) as per Approved Mining Plan.

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.

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The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 6.6 KLD. Out of that, 2.8 KLD is used for Wet drilling, 2.3 KLD for Water Sprinkling, 0.5 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 Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

The total cost of the project for above 3.09 Ha. Rough Stone & Road Metal Quarry is Rs. 30.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 3.20 lakhs and recurring cost: Rs. 2.03 Lakhs/annum.

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

<b>Agenda Item No. 12</b>	<b>4.647 Ha. Stone &amp; Metal Mine of M/s. Sree Maruthi Stone Crusher, Survey No. 1080, Kandoor Village, Addakal Mandal, Mahabubnagar District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/170349/2020 (EC)</b>

The representative of the project proponent Sri M. Thirupathaiyah; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

During presentation, the project proponent informed that 3 leases were granted earlier on 31.07.2007 (1.0 Ac.), 27.03.2010 (1.0 Ha.) & 27.04.2020 (3.242 Ha.). Subsequently, these 3 leases were amalgamated vide order dt. 18.02.2020 and the proponent applied for 1<sup>st</sup> renewal of quarry lease. The SEAC noted from Proceedings dt. 24.04.2020 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. 22.06.2020 of ADMG, Mahabubnagar 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 4.647 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 4.647 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 Waddepalli (V) which is existing at a distance of 0.9 km; Kandoor RF exists at a distance of 4.5 km and a water body (SE) exists at 78 mts from the boundary of the site.

It is proposed to mine 89,820 m<sup>3</sup>/annum of Stone & Metal Mine and the life of mine is reported as 19 years (@ 84,336 m<sup>3</sup>/annum) as per Approved Mining Plan.

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.



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The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 6.8 KLD. Out of that, 2.7 KLD is used for Wet drilling, 2.3 KLD for Water Sprinkling, 0.6 KLD for development of green belt and 1.2 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 Velaga, Peddamaanu, Dirisana, Vepa, Marri, Gaanuga & Nallamaddi.

The total cost of the project for above 4.647 Ha. Stone & Metal Mine is Rs. 40.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 4.00 lakhs and recurring cost: Rs. 1.97 Lakhs/annum.

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

<b>Agenda Item No. 13</b>	<b>4.1 Ha. Colour Granite Mine of Sri D. Manohar Rao Survey No. 62, Kamanpur Village, Kothapally Mandal, Karimnagar District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/170548/2020 (EC)</b>

The representative of the project proponent Sri D. Manohar Rao; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 13.11.2018 of the DMG, 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. 29.07.2020 of ADMG, Karimnagar District informing that there are 8 quarry leases falling within 500m from the proposed quarry lease. Out of 8 leases in cluster, 7 leases obtained EC prior to 15.01.2016 and remaining 1 lease quarry was granted before 09.09.2013.

The SEAC noted that the mine lease area is 4.1 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 36.58 Ha. Net cluster area is 4.1 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 Kamanpur (V) which is existing at a distance of 0.6 km and Kakatiya main canal (NE) exists at a distance of 1.7 m from the boundary of the site.

It is proposed to mine 84,980 m<sup>3</sup>/annum (Recovery (Granite) @ 16,996 m<sup>3</sup>/annum and Waste (Road Metal) @ 67,984 m<sup>3</sup>/annum) of Colour Granite and the life of mine is reported as 12 years (@ 84,980 m<sup>3</sup>/annum).

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

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The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 8.9 KLD. Out of that 3.1 KLD is used for Wet drilling, 2.6 KLD for Water sprinkling on haul roads, 0.8 KLD for development of green belt and 2.4 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 Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

The total cost of the project for above 4.1 Ha. Colour Granite Mine is Rs. 45.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 4.69 lakhs and recurring cost: Rs. 2.44 Lakhs/annum.

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

<b>Agenda Item No. 14</b>	<b>2.0 Ha. Stone &amp; Metal Quarry of M/s. Gangothri Metal Industry, Survey No. 144, Khajipally Village, Jinnaram Mandal, Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/171193/2020 (EC)</b>

The representative of the project proponent Sri M. Anand Reddy; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

During presentation, the proponent informed that initially the lease was granted vide proceedings lr. dt. 04.09.2000 in the name of Sri G. Thirupathy for a period of 15 years. Subsequently, the lease was transferred from Sri G. Thirupathy to Sri Mirza Ahmed Baig vide proceedings dt. 26.08.2003 for unexpired period of lease and later the lease was transferred from Mirza Ahmed Baig to M/s. Gangothri Metal Industry vide proceedings lr dt. 20.05.2008 for unexpired period of lease upto 08.07.2016. Now, the proponent applied for the 1<sup>st</sup> renewal inprinciple quarry lease for a period of 20 years.

The SEAC noted from Notice dt. 15.06.2020 of the DDMG, Nizamabad 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 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. 19.08.2020 of ADMG, Sangareddy District informing that there are 5 quarry leases (1.10 Ha., 2.00 Ha., 2.00 Ha., 2.00 Ha. & 4.0 Ha. – leases granted prior to 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 2.0 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 13.10 Ha. Net cluster area is 2.0 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 Khajipally (V) which is existing at a distance of 1.9 km; Kazipalli RF exists at a distance of 0.7 km and Water pond (Cheruvu) (SE) exists at 249 m from the boundary of the site.

It is proposed to mine 76,942 m<sup>3</sup>/annum of Stone & Metal and the life of mine is reported as 6 years (@ 76,942 m<sup>3</sup>/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.

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- 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 6.6 KLD. Out of that, 2.5 KLD is used for Wet drilling, 2.2 KLD for Water Sprinkling, 0.5 KLD for development of green belt and 1.4 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 Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

The total cost of the project for above 2.0 Ha. Stone & Metal Quarry is Rs. 20.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 2.82 lakhs and recurring cost: Rs. 1.83 Lakhs/annum.

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

<b>Agenda Item No. 15</b>	<b>2.0 Ha. Stone &amp; Metal Quarry of M/s. Gangothri Metal Industry, Survey No. 144, Khajipally Village, Jinnaram Mandal, Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/171516/2020 (EC)</b>

The representative of the project proponent Sri M. Anand Reddy; and Sri G.V. Reddy of M/s. Team Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

During presentation, the proponent informed that initially the lease was granted vide proceedings Ir. dt. 04.09.2000 in the name of Sri K. Anji Babu for a period of 10 years. Subsequently, the lease was transferred from Sri K. Anji Babu to Sri Mirza Ahmed Baig vide proceedings dt. 27.03.2002 for unexpired period of lease and later the lease was transferred from Sri Mirza Ahmed Baig to M/s. Gangothri Metal Industry vide proceedings Ir dt. 20.05.2008 for unexpired period of lease upto 08.07.2011. Now, the proponent applied for the 1<sup>st</sup> renewal in principle quarry lease for a period of 15 years.

The SEAC noted from Proceedings dt. 21.11.2015 of the ADMG, Medak that quarry lease was granted in favour of the proponent for a period of 15 years (w.e.f 09.07.2011 to 08.07.2026). 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 Ir. dt. 19.08.2020 of ADMG, Sangareddy District informing that there are 5 quarry leases (1.10 Ha., 2.00 Ha., 2.00 Ha., 2.00 Ha. & 4.0 Ha. – leases granted prior to 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 2.0 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 13.10 Ha. Net cluster area is 2.0 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 Khajipally (V) which is existing at a distance of 1.9 km; Kazipalli RF exists at a distance of 0.7 km and Small pond (SE) exists at 139 m from the boundary of the site.

It is proposed to mine 1,18,140 m<sup>3</sup>/annum of Stone & Metal and the life of mine is reported as 3 years (@ 1,18,140 m<sup>3</sup>/annum).

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

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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 6.3 KLD. Out of that, 2.4 KLD is used for Wet drilling, 2.0 KLD for Water Sprinkling, 0.5 KLD for development of green belt and 1.4 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 Australian Wattle, Khadirama, Ansandra, Chinduga, Neem, Bamboo, Raavi, Neredu, Karakkaya, Peddamanu.

The total cost of the project for above 2.0 Ha. Stone & Metal Quarry is Rs. 20.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 2.75 lakhs and recurring cost: Rs. 1.78 Lakhs/annum.

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

<b>Agenda Item No. 16</b>	<b>1.60 Ha. Colour Granite Mine of M/s. Siri Sai Granites &amp; Exports, Survey No: 10, Bommireddypally Village, Dharmaram Mandal, Peddapalle District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/169970/2020 (EC)</b>

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

The SEAC noted from Proceedings dt. 16.11.2015 of the DMG, 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. 06.11.2019 of ADMG, Peddapalli 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 1.60 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 1.60 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 Bommireddypally (V) which is existing at a distance of 166 mts (as per google map); Boyagandla gutta RF (E) exists at a distance of 0.2 km and Waterbody near Dharmaram exists at a distance of 2.30 km from the boundary of the site.

It is proposed to mine 3,602 m<sup>3</sup>/annum of Colour Granite and the life of mine is reported as 19 years (@ 3,600 m<sup>3</sup>/annum).

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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.

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- b. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 4.57 KLD. Out of that 1.60 KLD is used for Dust suppression on haul roads, 0.98 KLD for development of green belt and 1.99 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, Peepal & Pongamia.

The total cost of the project for above 1.60 Ha. Colour Granite Mine is Rs. 70.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 7.76 lakhs and recurring cost: Rs. 6.27 Lakhs/annum.

After detailed discussions, the SEAC recommends the project for rejection of EC, as the nearest human habitation is only 166 mts away from the mine lease area.

<b>Agenda Item No. 17</b>	<b>1.160 Ha. Colour Granite Mine of M/s. Christhu Jyothi Granites, Survey No: 717/28, Kantathmakur Village, Damera Mandal, Warangal Rural District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/170217/2020 (EC)</b>

The representative of the project proponent Sri B. Kumara Swamy; and Sri Chandrashekar Reddy of M/s. Space Enviro Solutions, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Proceedings dt. 05.08.2019 of the DMG, 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. 20.11.2019 of ADMG, Warangal Rural 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 1.160 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 1.160 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 Kanthatmakur (V) which is existing at a distance of 360 mts; and Kanthatmakur vagu exists at a distance of 70 mts from the boundary of the site, as per google map.

It is proposed to mine 21,600 m<sup>3</sup>/annum of Colour Granite and the life of mine is reported as 10 years (@ 50,000 m<sup>3</sup>/annum).

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.

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- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 5.03 KLD. Out of that 1.60 KLD is used for Dust suppression on haul roads, 1.35 KLD for development of green belt and 2.08 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, Peepal & Pongamia.

The total cost of the project for above 1.160 Ha. Colour Granite Mine is Rs. 65.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 6.94 lakhs and recurring cost: Rs. 5.59 Lakhs/annum.

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

<b>Agenda Item No. 18</b>	<b>3.0 Ha. Stone &amp; Metal Quarry of Sri K. Venkatesh Goud, Survey No. 144, Khajipally Village, Jinnaram Mandal, Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/162441/2020 (EC)</b>

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

During presentation, the proponent informed that it is an old mine operating from 2006 and now they have applied for 2<sup>nd</sup> renewal of quarry lease.

The SEAC noted from Notice dt. 15.06.2020 of the DDMG, Nizamabad that quarry lease (2<sup>nd</sup> renewal) was granted in favour of the proponent for a period of 20 years. It may be noted that the Mine Lease was 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. 06.07.2020 of ADMG, Sangareddy District informing that there are 9 quarry leases (leases granted prior to 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 3.0 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 27.1 Ha. Net cluster area is 3.0 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 Mantrikunta (V) which is existing at a distance of 1.4 km; Kazipalli RF exists at a distance of 0.4 km and Water Tank (S) exists at 0.59 km from the boundary of the site.

It is proposed to mine 87,990 m<sup>3</sup>/annum of Stone & Metal and the life of mine is reported as 9 years (@ 62,496.0 m<sup>3</sup>/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.

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- 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 10.0 KLD. Out of that, 0.5 KLD is used for Wet drilling, 6.0 KLD for Water Sprinkling, 2.0 KLD for development of green belt and 1.5 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 Pongamia, Neem & Tamarind.

The total cost of the project for above 3.0 Ha. Stone & Metal Quarry is Rs. 50.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 4.58 lakhs and recurring cost: Rs. 3.27 Lakhs/annum.

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

<b>Agenda Item No. 19</b>	<b>4.90 Ha. Building Stone &amp; Road Metal and Gravel Mine of M/s. SR Mining Industries, Survey No. 117, Seriramreddiguda Village, Pulkal Mandal, Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/169688/2020 (EC)</b>

The representative of the project proponent Sri A.Raghuvaran; 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. 08.07.2020 of the DDMG, Nizamabad 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. 29.08.2020 of ADMG, Sangareddy 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 4.90 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 4.90 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 Gongulur Tanda which is existing at a distance of 0.98 km; Chatkuri RF exists at a distance of 1.8 km and Waterbody (NW) exists at 370 mts from the boundary of the site.

It is proposed to mine 4,00,000 m<sup>3</sup>/annum of Building Stone & Road Metal and 37,280 m<sup>3</sup>/annum of Gravel. The life of mine is reported as 7 years (@ 4,00,000 m<sup>3</sup>/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.

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- 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 10.0 KLD. Out of that, 1.0 KLD is used for Wet drilling, 5.8 KLD for Water Sprinkling, 2.0 KLD for development of green belt and 1.2 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 Pongamia, Neem, Tamarind & Gulmohar.

The total cost of the project for above 4.90 Ha. Building Stone & Road Metal and Gravel Quarry is Rs. 50.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 5.0 lakhs and recurring cost: Rs. 3.27 Lakhs/annum.

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

<b>Agenda Item No. 20</b>	<b>4.860 Ha. Stone &amp; Metal Mine of M/s. Rank Silicon and Industries Private Limited, Survey No. 525/1, Rachaloor Village, Kandukur Mandal, Rangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/170206/2020 (EC)</b>

The representative of the project proponent Sri S.A.N. Raju; 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. 27.08.2019 of the DMG, 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. 15.11.2019 of ADMG, Rangareddy District informing that there are 4 quarry leases (Ac.20.0, Ac.7.0, Ac. 9.0 & 1.589 Ha.) falling within 500m from the proposed quarry lease.

The proponent informed that the lease for Ac.20.0 in cluster was amalgamated on 05.06.2015, but the amalgamated lease was initially granted before 09.09.2013. It is also observed from the cluster letter that the other 2 leases (Ac.7.0 & Ac.9.0) were granted before 2013 and another lease (1.589 Ha.) was granted under “area under allied activity”. The project proponent submitted undertaking that the lease of land (1.589 Ha.) is only for allied activities i.e., Mineral Stock Yard; Infrastructure / Workers Rest shelters; Greenbelt & Storage of Top Soil. It was informed that the no mining activity will be carried out in Allied area.

The SEAC noted that the mine lease area is 4.860 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 24.014 Ha. and Net Cluster area is 4.860 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 Katikapally (V) which is existing at a distance of 0.87 km; Gumadavelli RF exists at a distance of 0.3 km and Yeliminetti Vagu exists at 0.122 km from the boundary of the site.

It is proposed to mine 1,63,144 m<sup>3</sup>/annum of Stone & Metal and the life of mine is reported as 9 years (@ 1,53,617.20 m<sup>3</sup>/annum).

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



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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 10.0 KLD. Out of that, 0.6 KLD is used for Wet drilling, 6.0 KLD for Water Sprinkling, 2.0 KLD for development of green belt and 1.5 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 Pongamia, Neem, Tamarind & Gulmohar.

The total cost of the project for above 4.860 Ha. Stone & Metal Quarry is Rs. 50.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 5.0 lakhs and recurring cost: Rs. 3.27 Lakhs/annum.

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

<b>Agenda Item No. 21</b>	<b>4.86 Ha. Rough Stone &amp; Road Metal of Sri. P.Manikya Reddy, Survey No. 738, Lakdaram Village, Patancheru Mandal, Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/170274/2020 (EC)</b>

The representative of the project proponent Sri P.Manikya Reddy; 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. 13.06.2018 of the DDMG, Nizamabad that quarry lease was granted in favour of the proponent for a period of 10 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. 21.11.2019 of ADMG, Sangareddy District informing that there are 3 quarry leases (2.0 Ha., 3.00 Ha. & 3.00 Ha. - leases granted prior to 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 4.86 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 12.86 Ha. Net cluster area is 4.86 Ha. which is less than 5.0 Ha. Hence, the project is considered under B2 Category as per provisions laid under EIA Notification, 2006 & its subsequent amendments and orders of the Hon'ble NGT.

The nearest village to the proposed site is Lakdaram (V) which is existing at a distance of 0.6 km; Kodakanchi RF exists at a distance of 9.0 km and waterbody (NE) – 115 mts from the boundary of the site.

It is proposed to mine 3,42,540 m<sup>3</sup>/annum of Rough Stone & Road Metal Quarry the life of mine is reported as 6 years (@ 2,63,064 m<sup>3</sup>/annum).

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

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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 10.0 KLD. Out of that, 0.5 KLD is used for Wet drilling, 6.0 KLD for Water Sprinkling, 2.0 KLD for development of green belt and 1.5 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 Pongamia, Neem, Tamarind & Gulmohar.

The total cost of the project for above 4.86 Ha. Rough Stone & Road Metal Quarry is Rs. 50.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 5.0 lakhs and recurring cost: Rs. 3.07 Lakhs/annum.

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

<b>Agenda Item No. 22</b>	<b>4.70 Ha. Colour Granite Mine of M/s. Sai Akshitha Enterprises, Sy. No: 235 of Tenkati village, Shankarampet Mandal, Medak District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/163053/2020 (EC)</b>

The representative of the project proponent Sri B. Sudhakar Goud; and Sri M. Venkatesh of M/s. Global Enviro Labs, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Proceedings dt. 03.04.2019 of the DMG, 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. 03.07.2020 of ADMG, Medak 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 4.70 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 4.70 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 Bujranpalli (V) which is existing at a distance of 612 m; Gottimukkala RF exists at a distance of 2.7 km and Water pond (E) exists at a distance of 0.2 km from the boundary of the site.

It is proposed to mine 12,636 m<sup>3</sup>/annum of Colour Granite Mine the life of mine is reported as 20 years (@ 12,636 m<sup>3</sup>/annum).

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.

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- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 4.0 KLD. Out of that 2.0 KLD is used for Dust suppression on haul roads, 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 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, & Mango.

The total cost of the project for above 4.70 Ha. Colour Granite Mine is Rs. 40.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 11.92 lakhs and recurring cost: Rs. 6.63 Lakhs/annum.

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

<b>Agenda Item No. 23</b>	<b>1.50 Ha. Colour Granite Mine of Sri R.Thirupathi Goud, Sy. No: 62/P1 and 62/P3 of Kamanpur Village, Kothapally Mandal, Karimnagar District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/164579/2020 (EC)</b>

The representative of the project proponent Sri R.Thirupathi Goud; and Sri M. Venkatesh of M/s. Global Enviro Labs, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Proceedings dt. 27.10.2018 of the DMG, 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.12.06.2020 of ADMG, Karimnagar District informing that there are 10 quarry leases falling within 500m from the proposed quarry lease. Out of 10 leases in cluster, 9 leases obtained EC prior to 15.01.2016 and for remaining 1 quarry the lease was granted before 09.09.2013.

The SEAC noted that the mine lease area is 1.50 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 36.98 Ha. Net cluster area is 1.50 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 Kamanpur Colony which is existing at a distance of 440 mts; and Manner River exists at a distance of 1.8 km from the boundary of the site.

It is proposed to mine 7,200 m<sup>3</sup>/annum of Colour Granite Mine the life of mine is reported as 17 years (@ 7,200 m<sup>3</sup>/annum).

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.

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- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 4.0 KLD. Out of that 2.0 KLD is used for Dust suppression on haul roads, 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 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, & Mango.

The total cost of the project for above 1.50 Ha. Colour Granite Mine is Rs. 30.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 9.17 lakhs and recurring cost: Rs. 5.36 Lakhs/annum.

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

<b>Agenda Item No. 24</b>	<b>2.730 Ha. Black Granite Mine of M/s. Ganapathi Minerals, Survey Ns. 307, 308, 309, 311 and 312 (Patta Land), Gurthur Village, Thorrur Mandal, Mahabubabad District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/166418/2020 (EC)</b>

The representative of the project proponent Sri A. Indra Reddy; and Sri M. Venkatesh of M/s. Global Enviro Labs, Hyderabad attended and made a presentation before the SEAC.

Earlier, the SEAC in its meeting held on 07.03.2020 recommended the project for issue of EC and later, the proposal considered by the SEIAA in its meeting held on 19.05.2020 and decided to reject the proposal as per guidelines of SEIAA dt. 15.05.2020, as the distance of the mine lease area from the nearest water body (Pond) is only 90 mts.

Now, the proponent again uploaded the application online requested to reconsider their proposal as per guidelines of SEIAA dt. 11.06.2020 for issue of EC.

The SEAC noted from Proceedings dt. 06.12.2019 of the DMG, 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. 24.01.2019 of ADMG, Mahabubabad 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 2.730 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 2.730 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 Khanapuram (V) which is existing at a distance of 0.7 km; Ingurthy RF exists at a distance of 5.30 km and Water pond (SW) exists at a distance of 111 mts from the boundary of the site.

It is proposed to mine 6,000 m<sup>3</sup>/annum of Black Granite Mine the life of mine is reported as 13 years (@ 6,000 m<sup>3</sup>/annum).

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The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

The source of water requirement for the proposed project is from nearby village by tankers. Total water requirement is 4.5 KLD. Out of that 2.0 KLD is used for Dust suppression on haul roads, 1.5 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 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, & Teak.

The total cost of the project for above 2.730 Ha. Black Granite Mine is Rs. 35.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 11.04 lakhs and recurring cost: Rs. 6.78 Lakhs/annum.

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

<b>Agenda Item No. 25</b>	<b>1.618 Ha. Road Metal &amp; Building Stone Quarry of Smt A.Sujatha, Survey No. 32 of Junni village, Echoda Mandal, Adilabad District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/171716/2020 (EC)</b>

The representative of the project proponent Sri A. Sujatha; and Sri M. Venkatesh of M/s. Global Enviro Labs, Hyderabad attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 20.07.2017 of the DDMG, Nizamabad that quarry lease was granted in favour of the proponent for a 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. 12.08.2020 of ADMG, Adilabad 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 1.618 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 1.618 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 Junni (V) which is existing at a distance of 0.7 km; Harkai RF exists at a distance of 0.2 km from the boundary of the site.

It is proposed to mine 14,904 m<sup>3</sup>/annum of Road Metal & Building Stone the life of mine is reported as 12 years (@ 14,900 m<sup>3</sup>/annum).

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

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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 3.5 KLD. Out of that, 1.5 KLD is used for Dust Suppression, 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 Neem, Wild Neem & Mango.

The total cost of the project for above 1.618 Ha. Road Metal & Building Stone Quarry is Rs. 25.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 8.13 lakhs and recurring cost: Rs. 7.43 Lakhs/annum.

During presentation, the project proponent submitted a copy of lr.dt.05.02.2019 of the Forest Divisional Officer, Echoda addressed to the DEAC, Adilabad District, submitting report w.r.t. EC for 4.047 Ha. quarry in Sy.No. 32 Junni (V), Echoda (M), Adilabad District. In the letter, it was informed that mine lease area is 200 mts away from compartment No.157 of Harkai RF and suggested mitigative measures for protection of wildlife for granting lease / EC. But, it is observed from the above letter that the extent of mine lease area is mentioned as 4.047 ha. but not 1.618 ha. In this regard, the project proponent informed that "Ha" was wrongly mentioned instead of "Ac".

After detailed discussions, the SEAC informed the project proponent to submit letter from Forest Department duly mentioning the mine lease area as 1.618 Ha. for further consideration.

<b>Agenda Item No. 26</b>	<b>3.0 Ha. Colour Granite Mine of M/s. Rasun Exports Pvt. Ltd., Sy. No. 1160, Gattubuthukur Village, Gangadhara Mandal, Karimnagar District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/170940/2020 (EC)</b>

The representative of the project proponent Sri N. Satyanarayana; and Sri K. Sunil Kumar of M/s. SV Enviro Labs & Consultants, Visakhapatnam attended and made a presentation before the SEAC.

The SEAC noted that earlier, the SEIAA, AP (Combined State) issued EC vide order dt. 26.02.2013 for mining 2,500 m<sup>3</sup>/annum of Colour Granite Mine. CFO dt. 08.02.2020 from TSPCB.

Now, the proponent uploaded application in online seeking Expansion of EC to increase the production capacity from 2,500 m<sup>3</sup>/annum to 25,515 m<sup>3</sup>/annum.

The SEAC noted from Proceedings dt. 17.01.2009 of the ADMG, Karimnagar 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 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. 11.10.2019 of ADMG, Karimnagar District informing that there are 7 quarry leases (leases obtained EC prior to 15.01.2016) falling within 500m from the proposed quarry lease.

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The SEAC noted that the mine lease area is 3.0 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 19.351 Ha. Net cluster area is 3.0 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 Gattubuthkur (V) which is existing at a distance of 1.0 km and a pond (NE) exists at a distance of 1.71 km from the boundary of the site.

It is proposed to mine 25,515 m<sup>3</sup>/annum of Colour Granite the life of mine is reported as 17 years (@ 20,674.08 m<sup>3</sup>/annum).

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

The source of water requirement for the proposed project (after expansion) is from nearby village by tankers. Total water requirement is 9.5 KLD. Out of that 3.0 KLD is used for Dust suppression, 3.0 KLD for Wire saw cutting, 2.0 KLD for development of green belt and 1.5 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 Sirimanu, Denalanchamma, Kanuga, Neradu, Nemali & Vepa.

During presentation, the SEAC noted from the Ir.dt.11.10.2019 of ADMG, Karimnagar District, informing the despatch particulars for past 5 years and observed that the project proponent has carried out mining operations within the permitted capacity.

The total cost of the project (after expansion) for above 3.00 Ha. Colour Granite Mine is Rs. 157.0 Lakhs (Existing - 24.0 Lakhs & Proposed - 133.0 Lakhs). The proponent is proposing budget for Environmental protection towards capital cost (after expansion): Rs. 5.34 lakhs (Existing - 1.54 Lakhs & Proposed - 3.8) and recurring cost (after expansion): Rs. 4.31 Lakhs/annum (Existing - 0.40 Lakhs/annum & Proposed - 3.91 Lakhs/annum).

The SEAC noted that the project proponent has not submitted certified compliance report of existing EC conditions, as the project is for expansion. Hence, after detailed discussions the SEAC deferred the project for consideration after submission of certified compliance report on earlier EC conditions.

<b>Agenda Item No. 27</b>	<b>2.00 Ha. Colour Granite Mine of M/s. Rasun Exports Pvt. Ltd., Sy. No. 1160 &amp; 1176, Gattubuthkur (V), Gangadhara (M), Karimnagar District - Environmental Clearance - Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/171274/2020 (EC)</b>

The representative of the project proponent Sri N. Satyanarayana; and Sri K. Sunil Kumar of M/s. SV Enviro Labs & Consultants, Hyderabad attended and made a presentation before the SEAC.

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The SEAC noted that earlier, the SEIAA, AP (Combined State) issued EC vide order dt. 26.02.2013 for mining 3000 m<sup>3</sup>/annum of Colour Granite Mine. CFO dt.08.02.2020 for TSPCB.

Now, the proponent uploaded application in online for Expansion of EC to increase the production capacity from 3000 m<sup>3</sup>/annum to 23,529 m<sup>3</sup>/annum.

The SEAC noted from Proceedings dt. 17.01.2009 of the ADMG, Karimnagar 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 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. 11.10.2019 of ADMG, Karimnagar District informing that there are 7 quarry leases (leases obtained EC prior to 15.01.2016) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 2.0 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 18.351 Ha. Net cluster area is 2.0 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 Gattubuthkur (V) which is existing at a distance of 0.90 km and Gattubuthkur Cheruvu (SW) exists at a distance of 0.75 km from the boundary of the site.

It is proposed to mine 23,529 m<sup>3</sup>/annum of Colour Granite Mine the life of mine is reported as 9 years (@ 19,863.0 m<sup>3</sup>/annum).

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

The source of water requirement for the proposed project (after expansion) is from nearby village by tankers. Total water requirement is 9.5 KLD. Out of that 3.0 KLD is used for Dust suppression, 3.6 KLD for Wire saw cutting, 1.3 KLD for development of green belt and 1.6 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 Sirimanu, Denalanchamma, Kanuga, Neradu, Nemali & Vepa.

During presentation, the SEAC noted from the lr.dt.11.10.2019 of ADMG, Karimnagar District, informing the despatch particulars for past 5 years and observed that the project proponent has carried out mining operations within the permitted capacity.

The total cost of the project (after expansion) for above 2.00 Ha. Colour Granite Mine is Rs. 156.0 Lakhs (Existing - 26.0 Lakhs & Proposed - 130.0 Lakhs). The proponent is proposing budget for Environmental protection towards capital cost (after expansion): Rs. 4.8 lakhs (Existing - 1.4 Lakhs & Proposed - 3.4) and recurring cost (after expansion): Rs. 4.72 Lakhs/annum (Existing - 0.5 Lakhs/annum & Proposed - 4.22 Lakhs/annum).



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The SEAC noted that the project proponent has not submitted certified compliance report of existing EC conditions, as the project is for expansion. Hence, after detailed discussions the SEAC deferred the project for consideration after submission of certified compliance report on earlier EC conditions.

<b>Agenda Item No. 28</b>	<b>2.0 Ha. Building Stone &amp; Road Metal of Sri Jannu Jakaraiah, Sy.No.600/1, Pattipaka (V), Shayampet (M), Warangal Rural District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/170281/2020 (EC)</b>

The representative of the project proponent Sri Jannu Jakaraiah; and Smt. T. Srilatha & Sri P.V. Raju of M/s. Pridhvi Enviro Tech (P) Ltd., attended and made a presentation before the SEAC.

The SEAC noted from Notice dt. 05.12.2019 of the DDMG, Warangal 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. 30.06.2020 of ADMG, Warangal Rural 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 2.0 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 2.0 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 Pattipaka (V) which is existing at a distance of 1.41 km; Reserve Forest exists at a distance of 4 km and Nagi Kunta exists at a distance of 223 m from the boundary of the site.

It is proposed to mine 42,081.6 m<sup>3</sup>/annum of Building Stone & Road Metal the life of mine is reported as 10 years (@ 42,081.6 m<sup>3</sup>/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 9.0 KLD. Out of that, 5.0 KLD is used for Dust Suppression, 3.5 KLD for development of green belt and 1.5 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 Neem, Mango, Tamarind & Teak.

The total cost of the project for above 2.0 Ha. Building Stone & Road Metal is Rs. 25.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 3.9 lakhs and recurring cost: Rs. 1.45 Lakhs/annum.

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

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<b>Agenda Item No. 29</b>	<b>Acres 9.04 Gts. Amethyst Quartz of M/s. Siddivinayaka Mining Works, Sy. 56/3,57/2,57/3,58,59/2,60, Munegepally Village, Kalher Mandal, Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/143592/2020 (EC)</b>

The SEAC deferred the project, as the proponent did not attend the meeting.

Hence, the SEAC decided to inform the proponent to submit a letter stating willingness to consider their proposal in the SEAC meeting.

<b>Agenda Item No. 30</b>	<b>2.41 Ha. Black Granite Mine of M/s. TRIDENT MINES AND MINERALS, Sy.No:33,34&amp;35, Ammapuram Village, Thorrur Mandal, Mahabubabad District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/169132/2020 (EC)</b>

The representative of the project proponent Sri Ch.Sagar Reddy; and Smt. T. Srilatha & Sri P.V. Raju of M/s. Pridhvi Enviro Tech (P) Ltd., attended and made a presentation before the SEAC.

The SEAC noted that earlier, EC was issued on 21.03.2016 in favour of M/s. Harshitha Granites & Minerals with validity of 2 years. Subsequently, lease was transferred on 27.07.2018 to M/s. Trident Mines & Minerals for un-expired portion of lease period upto 29.11.2036. The proponent informed that they did not carry out any mining operation in mine lease area as EC expired. Now, they applied for EC as a fresh lease.

The SEAC noted from Proceedings dt. 27.07.2018 of the DMG, Hyderabad that quarry lease was granted in favour of the proponent a period of 20 years (i.e., from 30.11.2016 to 29.11.2036). 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. 05.08.2020 of ADMG, Mahabubabad District informing that there are 2 quarry leases (leases granted prior to 2013) falling within 500m from the proposed quarry lease.

The SEAC noted that the mine lease area is 2.41 Ha. which is less than 5.0 Ha. It is further noted that the total Cluster area is 7.062 Ha. Net cluster area is 2.41 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 Kanapuram (V) which is existing at a distance of 410 mts; Ingurthi RF exists at 6.9 km; and Kantayapalem Cheruvu (E) exists at a distance of 210 m from the boundary of the site.

It is proposed to mine 2,595.0 m<sup>3</sup>/annum of Black Granite and the life of mine is reported as 8 years (@ 2,595.0 m<sup>3</sup>/annum).

The opencast semi-mechanized method is adopted for quarrying to cut the mineral into blocks.

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. Water sprinkling on blocks before dressing.
- c. Drilling with wet gunny bags on drilling surface.
- d. Timely maintenance of vehicles to minimize air pollution due to movement of vehicles.
- e. Dust masks for employees.
- f. Covering the Granite 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.

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The source of water requirement for the proposed project (after expansion) is from nearby village by tankers. Total water requirement is 9.5 KLD. Out of that 5.0 KLD is used for Dust suppression, 3.0 KLD for development of green belt and 1.5 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, Teak, Jungle Jaledi, Eucalyptus & Kanju.

The total cost of the project for above 2.41 Ha. Black Granite Mine is Rs. 60.0 Lakhs. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 9.60 Lakhs and recurring cost: Rs. 1.65 Lakhs/annum

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

<b>Agenda Item No. 31</b>	<b>3.340. Building Stone &amp; Road Metal of M/s. Parameshwara Stone Crusher, Survey No: 809/1 Velair Village, Velair Mandal, Warangal Urban District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/34728/2019 (EC)</b>

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

The Sub-Committee constituted by the SEAC inspected the site on 31.10.2020 and submitted the report. The following observations were made by the sub-committee members:

**Observations:**

**1. Present status of the project**

*No mining activity was started by the Proponent at the proposed mining site as on the visit date. However, illegal mining was found on the eastern side of the rocky hillock, which is stopped completely now.*

**2. Impacts of the project on vegetation, nearest human habitation, water body and surrounding environment**

*2.1 Nearest village is Kammarapeta Thanda, which is located at about 0.73 KM on the south-west side, while the waterbody is Velair Lake located at 0.98 KM on the north-west side. Both are located at safer distances from the mine site and they will not be affected by the mining activity (Fig.No.1).*

*2.2 Most of the mine lease site is comprised of rocky hillocks exposed on the surface as sheet with a local elevation of 29 Meters from the ground level and the vegetation is mostly confined to the rocky crevices and at the base of the hillocks. The vegetation includes mainly tree species such as nemalinaru (Holoptelia integrifolia), moduga (Buteamonosperma), chigara (Albizia amara), vepa (Azadirachta indica), seethaphal (Annonasquamosa) and the ground cover is of bushes with pulikampa (Lantanacamara), vavili (Vitex negundo) and thangedu (Cassia auriculata), etc.*

*The trees and bushes located in the crevices will be affected by the mining activity, while the vegetation surrounding the hillocks will be spared. Hence, the proponent has to take up compensatory planting at the base of hillocks in lieu of vegetation to be lost in the crevices. Besides, a greenbelt of 7.5 Meters should be planted all around the mine site with the existing tree species.*

*2.3 In order to safeguard the surrounding environment, mining should be strictly carried out under controlled blasting on the hillocks as per the DGMS norms. The mining operations have to be carried out as per the approved mining plan or top to down with all the safety measures as stipulated by the DGMS.*

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**3. Undertakings to be submitted by the Proponent**

- a) Protect the vegetation in the non-mining areas of the lease area from any sort of trampling and damage.
- b) Take up compensatory tree plantation with local tree species in the vacant spaces around the base of hillocks in lieu of the vegetation to be lost in the crevices on the top.
- c) The mandatory 7.5 Meters greenbelt all around the lease area.
- d) An all-weather approach road has to be formed to carry the building and road metal safely.
- e) Strictly follow the Environment Management Plan duly as presented to the SEAC.

**Recommendations:**

As such there may not be any adverse effect on the surrounding environment due to the project if the above suggested vegetative cover protection and compensation related measures are duly met. Therefore, the project may be issued EC.

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

<b>Agenda Item No. 32</b>	<b>1.0 Ha. Black Granite Mine of M/s. Usha Granites, Survey No. 129/VU, Gudurupadu Village, Khammam Rural Mandal, Khammam District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIN/155539/2020 (EC)</b>

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

The Sub-Committee constituted by the SEAC inspected the site on 04.11.2020 and submitted the report. The following observations were made by the sub-committee members:

**Observations:**

1. The Project has not yet started any mining related activity as on the date of visit. The deposit is intact.
2. The proposed black granite mine site, which has few small black boulder mounds, is a private patta land belonging to the wife of Proponent, who have taken 2.5 Acres of land on lease from her for the mining purpose out of the total Ac.Gu.3.21 owned by her (Annexure 1 & 2).
3. The Akeru Nadi is located at 350 Mts away and the nearest human habitation Gudurupadu village is allocated at 620 Mts away from the proposed black granite mine. Both are away and at safer distances from the mine site and will not be impacted by the project in any manner (Fig.No.1).
4. There is no RF within the 10 KM radius from the mine site.
5. However, the site is covered with scattered trees and bushes that includes mainly tree species such as nemalinara (*Holoptelia integrifolia*), moduga (*Butea monosperma*), rela (*Cassia fistula*), chigara (*Albizia amara*) and vepa (*Azadirachta indica*) and a thick ground cover of thatching grass (*Hyparrhenia hirta*) and some undescriptive herbs due to the recent heavy rains (see the pictures). Mining activity will affect this greenery in the lease area. Upon discussion with the Proponent about the inevitable damage of greenery by the project, he has agreed and submitted an Undertaking to translocate the tall and old trees onto to the remaining adjacent 1 Acre of non-lease area and the mine connecting roads, while maintaining the mandatory 7.5 Mts greenbelt around the mine site and protecting the vegetation within the non-mining areas from trampling and any kind of physical damage by the vehicles, etc. (Annexure 3).
6. The mine site is surrounded by agriculture fields, including the paddy fields on the north and east sides. Due to the mining activity, there is a possibility of an evitable ground water pollution damaging the crops and surrounding environment. Therefore, garland drains with siltation pits have to be constructed around the mine site as per the contours to minimize water pollution to the maximum extent possible and protect the neighbouring agricultural fields before starting any mining activity.

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7. Besides, the proponent has to take adequate EMP measures so that mining activity would not disturb the local 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. The following undertakings need to be submitted by the Proponent: a) Proponent has to maintain the 1 Acre adjacent land under permanent greenery after translocating the tall and old trees from the mine lease area b) Develop a green belt of 7.5 meters all around the mining site by conserving the existing vegetation in it and planting new saplings of local tree species in the gaps. c) Mining should be done as stipulated by the Director General of Mines Safety. d) Construction of the garland drains and silt traps at strategic locations to prevent water pollution. e) Dumping ground should be well protected. f) Construction of a good all-weather approach road to the mine site and tree plantation on both the sides of road. g) Install the air pollution equipment and sprinkling of water.

**Recommendations:**

Since the human habitation is at 350 Mts and Akeru Nadi at 620 Mts, both are not affected by the project. For the vegetation that is going to be disturbed by the project, the Proponent has given an Undertaking to translocate the tall and old trees onto the adjacent 1 Acre land, while the surrounding agriculture fields to be protected by the garland drains and other EMP measures.

Therefore, the project is recommended for Environmental Clearance subject to the compliance with the above conditions and submission of undertakings.

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

<b>Agenda Item No. 33</b>	<b>Residential Apartments Construction Project by M/s. Bhavya Constructions Private Limited, Survey Nos. 300 (P), 302, 303 (P), 304 (P), 311, 312, 313, 314, 315 &amp; 316 (P), Kukatpally, Medchal Malkajgiri District - Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/MIS/152050/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 08.09.2020 constituted a Sub-Committee Members to inspect the site, verify records and submit report on present status of the project, status of NOC from I&CAD Department w.r.t. Nala, adequacy of EMP measures proposed, impacts of the project on Nala & surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 05.10.2020 and submitted the report. The following observations were made by the sub-committee members:

**Observations:**

**About the project**

The site area of the project is 2.20 Ha. The project envisages construction of Residential Apartments with 4 Blocks (2C + G + 11 Floors) to accommodate a total number of 376 units and amenities (2C + G + 3 Floors) with a total cost of 125 crores.

**Present status of the project**

The Project has not yet been started; the site is devoid of any sort of structure and covered with green grass with very small scattered bushes across.

**Status of NOC from I&CAD Department w.r.t adjacent Nala**

The Nala starts from the Ellamma Kunta and flows down through the property of the Proponent after crossing over the Usha Mullapudi Cardio Hospital main Road. Further down it takes a bigger size by the joining of other small nalas and called as KistappaVagu. Out of the total property, the present project is proposed in 2.20 Ha, which is located on the south side of the Nalla and east side of the their existing Bhavya's Tulasivanam project.

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As per the NOC letter issued by I&CAD No.EE/NTD/DEE1/2020/1070 dated 03.11.2020, out of the total 20.34 acres of the land belonging to the Proponent, about 4 acres is affected by the Nala, of which, 1.36 acres is affected under Nala Surplus while 2.04 acres is affected under Buffer of Surplus. The Nala width is 16 Mts and the buffer zone to be left free is 9 Mts from the Nala boundary (Annexure 1). In addition to the 9 M buffer zone, the proponent has to leave 2 Mts wide greenbelt all along the Nala followed by the buffer zone.

### Impact of the Project on Nalla & Surrounding environment

The adjacent existing project of the Proponent i.e., Bhavya's Tulasivanam with about 1000 Apartments consisting of both 3 & 2 BHK flats was reportedly completed in 2016. This project and the proposed site are both located on the southern side of the Nala. It was observed by the team that the proponent had taken adequate measures all along the Nala abutting Tulasivanam project leaving aside the buffer zone and other measures. Therefore, if similar precautions and measures are followed in this project as well, there may not be significant adverse impact by the project on the Nala and its flows. However, the proponent should strictly adhere to the terms and conditions laid down by the I&CAD department to protect the Nala and its buffer.

### Adequacy of EMP measures proposed

The EMP measures proposed and described during the presentation and later explained at the site by the proponent during the visit seem to be adequate enough if they are followed in toto during the construction and subsequent maintenance of the same thereafter.

### Undertakings to be submitted by the Proponent:

- a) Construction of a masonry retention wall along the Nala protecting its original width.
- b) Maintaining 16 Mts of Nala width all along the site, as indicated by the I&CAD department.
- c) Leaving aside 9 Mts Buffer zone followed by the Nala boundary.
- d) 2 Mts wide Greenbelt followed by the Buffer zone towards the project site.
- e) Strictly following the terms and conditions as laid down by the I&CAD department.

### Recommendations:

Environmental Clearance may be given to the project, subject to the submission of written undertakings as mentioned above.

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

Agenda Item No. 34	Residential Complex Project by M/s. Sri Tirumala Millennium, A.Ramesh Goud & Others Rep. By M/s. ENGINEERS ASSOCIATES PVT. LTD., Sy. No. 160 part, Mallapur Village, Uppal Mandal, Medchal - Malkajgiri District – Environmental Clearance – Reg.
Proposal No.	SIA/TG/MIS/170921/2020 (EC)

Earlier, the SEAC in its meeting held on 19.09.2020 constituted a Sub-Committee Members 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 Nala & surrounding environment, requirement / status of NOC w.r.t. Nala from Competent Authority, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 11.11.2020 and submitted the report. The following observations were made by the sub-committee members:

### **Observations:**

1. There was not any new construction work whatsoever seen on the site during the visit.

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2. *One Nala exists abutting the site on north-east side of the project. It is currently serving as a municipal sewerage nala carrying all the sewage from residential colonies and houses located on the upstream. It was observed that Nala is supported by strong masonry side walls on both the sides till the ground level and a masonry compound wall is constructed by the Proponent towards the project side all along its course until it is abutting the project site (see pictures below).*
3. *Since the Nala has become a sewerage canal now, there is no control nor involvement of the Irrigation department now, as informed by the Proponent, and hence there is no NOC from the I&CAD available for the Nala with him. However, he has left 2 Mts buffer zone from the compound wall since the width of the Nala is less than 10 Mts and it is followed by 6-8 Mts wide drive way inside all along the course of Nala (Annexure 1).*
4. *The site is covered by 50 tall Palmyrah palm trees scattered across the project site. It was informed by the Proponent that these trees are not presently being tapped for toddy and left abandoned for quite some time by the local toddy tappers. However, permission of the Prohibition and Excise Department is a must to cut them down for the site clearance in order to construct the project.*
5. *EMP measures proposed and described during the presentation were well explained at the site by the Proponent. They seem to be quite adequate if implemented in toto as they have been proposed.*

**Recommendations:**

*The Nala is a Municipal sewerage canal and it is provided with 2 Mts buffer zone followed by 6-8 Mts drive way inside by the project. Therefore, as such the Nalla will not be adversely impacted by the project and vice versa. However, there are 50 tall Palmyrah palm trees that will be surely affected by the proposed project. Therefore, Environmental Clearance is recommended to the project subject to the condition that the Proponent should obtain the NOC from the Prohibition & Excise Department for removal of Palmyrah trees before the commencement of project work.*

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC with following specific condition:

- The Proponent should obtain the NOC from the Prohibition & Excise Department for cutting / removal of Palmyrah trees before the commencement of project work.

<b>Agenda Item No. 35</b>	<b>M/s. FUGEN LABORATORIES PRIVATE LIMITED, Survey No. 736 &amp; 737, Mandollagudem (V), Choutuppal (M), Yadadri Bhuvanagiri District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SLA/TG/IND2/168317/2020 (EC)</b>

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

The Sub-Committee constituted by the SEAC inspected the site on 19.10.2020 and submitted the report. The following observations were made by the sub-committee members:

	<b>To Verify the issues</b>	<b>Observations</b>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s. FUGEN LABORATORIES PRIVATE LIMITED is situated at Survey No: 736 &amp; 737, Mandollagudem [V], Choutuppal [M] Yadadri Bhuvanagiri District of Telangana State and is located at Gundrampalli area at a distance of more than 75 Km from Patancheru and Bollaram Industrial Areas No Water bodies are within one km radius Nearest village Lingareddigudem is around 900 meters from the project</i>

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2	<i>Projectmodification</i>	<i>M/s. FUGEN LABORATORIES PRIVATE LIMITED is situated at Survey No: 736 &amp; 737, Mandollagudem [V], Choutuppal [M] YadadriBhuvanagiri District of Telangana State proposes to increase in production capacity from 9 TPM to 80 TPM and change in product mix. The industry proposes to manufacture 22 Bulk Drugs, and Drug intermediates and R&amp;D products with individual capacities mentioned in EIA. The Industry will manufacture with worst combination of ANY 6 products out of 22 products with Maximum production capacity of 80 Tons/Month and 250 Kgs/Month R &amp; D Products</i>
3	<i>Projectcost</i>	<i>The unit is proposing to invest an amount of Rs. 8.0 crores out of this an amount of Rs. 2.40 crores is towards EMP Budget.</i>
4	<i>ZLDSytem&amp;itsadequacy</i>	<i>Currently the unit is having MEE for treating 3.2 KLD HTDS and 2.3 KLD LTDS with BT and RO. The proponents are proposing to establish ZLD to treat 48 KLD HTDS and 32 KLD LTDS. <b>The system is quiet Adequate</b></i>
5	<i>ETPmodifications</i>	<p><i>The Effluent management system is developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic wastewater considered as LTDS effluents.</i></p> <p><b>The High TDS/ COD Effluents</b></p> <p><i>The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</i></p> <p><b>The Low TDS/ COD Effluents:</b></p> <p><i>These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</i></p> <p><i>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF.</i></p>
6	<i>Products: Comparison of existing and proposed (which are going for expansion)</i>	<i>Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1</i>
7	<i>Verification of production records for one year</i>	<i>Verified and found to be audited</i>
8	<i>Raw material : Comparison of existing and proposed (which are going for expansion)</i>	<i>Details of existing raw materials and proposed Raw Material are as described in EIA</i>
9	<i>Solid waste: Comparison of existing and proposed (which are going for expansion)</i>	<p><i>Details of existing and proposed Solid waste are provided in Appendix 2a</i></p> <p><i>Details of solid waste disposed earlier is given appendix 2b</i></p>



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10	Impactonsurroundings	<p><b>Water Pollution:</b>Total effluent generated increased from 48KLD HTDS and 32 KLD LTDS. All these effluents will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up and scrubbers in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible.</p> <p><b>Air Pollution:</b> It is proposed to establish additional coal fired boiler of capacity 1 x 3 TPH and 1 x 5 TPH, 1 x2 lakh Kcal THF to meet the steam requirement for process. Boilers are fitted with bag filters. The process emissions contain HCl, SO<sub>2</sub>, NH<sub>3</sub>, CO<sub>2</sub>, O<sub>2</sub> and H<sub>2</sub>. Out of these HCl, SO<sub>2</sub>, NH<sub>3</sub> are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. H CO<sub>2</sub> and O<sub>2</sub> are let out into atmosphere following a standard operating procedure.</p> <p>Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</p> <p><b>Soil pollution:</b> All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</p> <p>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</p> <p>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</p>
11	ApplicabilityofS.O.804(E),dt. 14.03.2017 &S.O.1030(E)dt.08.03.2018 issuedbytheMoEF&CC,GoI.	Adhering to all the rules and regulations as per the procedure. The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.
12	Implementation of disaster management plan and safety measures in the exiting project and proposed expansion	The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report
13	Green belt development	M/s. FUGEN LABORATORIES PRIVATE LIMITED is situated at Survey No: 736 & 737, Mandollagudem [V], Choutuppal [M] YadadriBhuvanagiri District of Telangana is planning todevelop green belt in7345 sq meterswhich more than stipulated one third of total area covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment
14	Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019)in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&CC, GOI	A Self declaration need to be submitted by the proponent

**Recommendations:**

Impact of the expansion proposal of the project on the water body and surrounding environment is not affected. Environmental Clearance may be given to the project

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

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<b>Agenda Item No. 36</b>	<b>M/s. Sapala Organics Pvt. Ltd., Sy.No. 97 (Part), 98 (Part), 61 (Part), 60 (Part) and 99 (Part), Abdullanagar Village, Tadwai Mandal, Nizamabad District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/152065/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 29.08.2020 constituted a Sub-Committee Members to inspect the site and submit present status of the project, impacts of the proposed project on nearest human habitation, waterbody, RF & surrounding environment, adequacy of EMP measures proposed, 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:

	<b>To Verify the issues</b>	<b>Observations</b>
1	<i>Distance from Nearest Habitat, Village, Stream and Waterbody</i>	<b>M/s. SAPALA ORGANCIS PVT. LTD.SY. NO.97(PART), 98(PART), 61 (PART),60(PART) and 99(PART), Abdulla nagarvillage ,Tadwaimandal, Nizamabad district, Telangana at a distance of around 2.1 Km from the village Krishnajiwada. The nearest habitation isSomaramTanda a small tanda is located approximately 1.7 km from the site.Abdullanagar is a abandoned village and at present there is not habitation. The nearest water body is 2.8 k.m. The detailed map is shown below.</b>
2	<i>Projectmodification/ New Project</i>	<b>M/s. SAPALA ORGANCIS PVT. LTD.SY. NO.97(PART), 98(PART), 61 (PART),60(PART) and 99(PART), Abdulla nagar village ,Tadwaimandal, Nizamabad district, Telangana proposes to start API manufacturing unit with a capacity of 165 TPM. The industry shall not produce more than14 products and individual capacities mentioned in EIAand in appendix 1.</b>
3	<i>Projectcost</i>	<b>The capital cost for the proposed project is Rs. 30 crores. The cost estimate of environment management is10.48 crores capital cost and 10.39 crores recurring cost.</b>
4	<i>ZLDSystem&amp;itsadequacy</i>	<b>Industry is proposing to construct new ZLD system to treat 139 KLD HTDS and 53KLD LTDS The system is quiet Adequate</b>
5	<i>ETPmodifications</i>	<b>The High TDS/ COD Effluents</b> <i>The treatment system for treating High TDS/ COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD).The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</i> <b>The Low TDS/ COD Effluents:</b> <i>These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</i> <i>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF.</i>
6	<i>Products:Comparisonofexisti ngandproposed(whicharegoi ngforexpansion)</i>	<b>Proposed products and by products which are going to be manufactured are given in Appendix 1</b>

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7	Verification of production records for one year	Not applicable
8	Raw material : Comparison of existing and proposed (which are going forexpansion)	Details of existing raw materials and proposed Raw Material are as described in EIA
9	Solidwaste: Comparison of existing and proposed (which are going forexpansion)	Details of proposed Solid waste are provided in Appendix 2
10	Impact on surroundings	<p><i>Water Pollution: Total effluent generated increased from 139 KLD HTDS and 53 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. Details are shown in appendix 3</i></p> <p><i>Air Pollution: It is proposed to establish additional coal fired boiler of capacity 1 x 10 TPH to meet the steam requirement for process. Flue gases from the boilers will be dispersed through a 30 mtr height of the chimneys separately and Cyclone separators followed by bag filters.</i></p> <p><i>The process emissions contain CO<sub>2</sub>, NH<sub>3</sub>, H<sub>2</sub>, HF, HCl, N<sub>2</sub>, HBr, O<sub>2</sub> and SO<sub>2</sub>. Out of these NH<sub>3</sub>, HF, HCl, HBr and SO<sub>2</sub> are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. H<sub>2</sub>, N<sub>2</sub>, O<sub>2</sub> and CO<sub>2</sub> are let out into atmosphere following a standard operating procedure.</i></p> <p><i>Condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</i></p> <p><i>Soil pollution: All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</i></p> <p><i>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</i></p> <p><i>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</i></p>
11	Applicability of S.O.804(E), dt. 14.03.2017 & S.O.1030 (E) dt.08.03.2018 issued by the MoEF&CC, GoI.	The project does not come under Violation as it is a new proposal.
12	Implementation of disaster management plan and safety measures in the exiting project and proposed expansion	The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report
13	Green belt development	<i>M/s. SAPALA ORGANCIS PVT. LTD. SY. NO.97(PART), 98(PART), 61 (PART), 60(PART) and 99(PART), Abdulla nagarvillage , Tadwaimandal, Nizamabad district, Telangana is spread over 26.46 acres. Out of this the proponent is planning to develop green belt in 8.8 acres which is more than stipulated one third of total area covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment</i>

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

Impact of the newly proposed project on the nearest habitat Somaram Tanda (about 1.7 k.m.) and water body (about 2.88 km) is minimal and surrounding environment would not be affected. Environmental Clearance may be given to the project.

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

<b>Agenda Item No. 37</b>	<b>M/s. Sampada Laboratories Pvt. Ltd., Survey No. 97 (Part), 98 (Part), 61 (Part), 60 (Part) and 99 (Part), Abdullanagar Village, Tadwai Mandal, Nizamabad District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/152067/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 29.08.2020 constituted a Sub-Committee Members to inspect the site and submit present status of the project, impacts of the proposed project on nearest human habitation, waterbody, RF & surrounding environment, adequacy of EMP measures proposed, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 22.11.2020 and submitted the report. The following observations were made by the sub-committee members:

	<b>To Verify the issues</b>	<b>Observations</b>
1	Distance from Nearest Habitat, Village, Stream and Waterbody	<b>M/s. SAMPADA Laboratories Pvt. Ltd SY. NO.59(PART), 60(PART), and 99(PART), ABDULLANAGAR Village, TADWAI Mandal, NIZAMABAD District, at a distance of around 2.1 Km from the village Krishnajiwada. The nearest habitation is SomaramTanda a small tanda is located approximately 1.6 km from the site. Abdullanagar is an abandoned village and at present there is not habitation.</b> The nearest water body is 2.9k.m. The detailed map is shown below.
2	Project modification/ New Project	<b>M/s. SAMPADA Laboratories Pvt. Ltd SY. NO.59(PART), 60(PART), and 99(PART), ABDULLANAGAR Village, TADWAI Mandal, NIZAMABAD District, TELANGANA proposes to start API manufacturing unit with a capacity of 90 TPM. The industry shall not produce more than 6 products and individual capacities mentioned in EIA and in appendix 1.</b>
3	Project cost	<b>The capital cost for the proposed project is Rs. 20 crores. The cost estimate of environment management is 7.62 crores capital cost and 5.78 crores recurring cost.</b>
4	ZLD System & its adequacy	<b>Industry is proposing to construct new ZLD system to treat 73KLD HTDS and 29 KLD LTDS</b> <b>The system is quiet Adequate</b>
5	ETP modifications	<b>The High TDS/ COD Effluents</b> The treatment system for treating High TDS/ COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.

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		<p><b>The Low TDS/ COD Effluents:</b>  <i>These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</i></p> <p><i>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF.</i></p>
6	<i>Products: Comparison of existing and proposed (which are going for expansion)</i>	<i>Proposed products and by products which are going to be manufactured are given in Appendix 1</i>
7	<i>Verification of production records for one year</i>	<i>Not applicable</i>
8	<i>Raw material : Comparison of existing and proposed (which are going for expansion)</i>	<i>Details of existing raw materials and proposed Raw Material are as described in EIA</i>
9	<i>Solid waste: Comparison of existing and proposed (which are going for expansion)</i>	<i>Details of proposed Solid waste are provided in Appendix 2</i>
10	<i>Impact on surroundings</i>	<p><i>Water Pollution: Total effluent generated increased from 73 KLD HTDS and 29 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. Details are shown in appendix 3</i></p> <p><i>Air Pollution: It is proposed to establish additional coal fired boiler of capacity 1 x 8 TPH to meet the steam requirement for process. Flue gases from the boilers will be dispersed through a 30 mtr height of the chimneys separately and Cyclone separators followed by bag filters.</i></p> <p><i>The process emissions contain CO<sub>2</sub>, H<sub>2</sub>, and N<sub>2</sub>. These gases are let out to the atmosphere following the standard procedures. Other gaseous effluents from condensing system and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</i></p> <p><i>Soil pollution: All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</i></p> <p><i>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</i></p> <p><i>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorized recyclers. . Hence impact on soil pollution is minimal</i></p>
11	<i>Applicability of S.O.804(E), dt.14.03.2017 &amp; S.O.1030(E) dt.08.03.2018 issued by the MoEF &amp; CC, GoI.</i>	<i>The project does not come under Violation as it is a new proposal.</i>
12	<i>Implementation of disaster management plan and safety measures in the existing project and proposed expansion</i>	<i>The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report</i>

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13	<i>Green belt development</i>	<i>M/sSAMPADALaboratories Pvt. Ltd SY. NO.59(PART), 60(PART),and 99(PART), ABDULLANAGAR Village, TADWAI Mandal, NIZAMABAD District, TELANGANAis spread over 17.45 acres. Out of this the proponent is planning to develop green belt in 5.8 acres which is more than stipulatedone third of total area covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment</i>
14	<i>Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019)in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&amp;CC, GOI</i>	<i>A Self declaration need to be submitted by the proponent</i>

**Recommendations:**

*Impact of the newly proposed project on the nearest habitat Somaram Tanda(about 1.6k.m.) and water body (about 2.9 km) is minimal and surrounding environment would not be affected. Environmental Clearance may be given to the project.*

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

<b>Agenda Item No. 38</b>	<b>M/s. AVR Organics Private Limited, Sy. Nos: 11, 12, 13, 14, 15 of Yawapur (V) &amp; 233, 233 E2, 261, 261AAE, 262, 262 AAE, 267, 267A2, 267E, 276, 276AA, 276 E, 276/A/1, 278, 279 AA, 280, 280A, 281, 281AA, 281 VU, 285, 285E, 286, 287, 287A1, 288, 288A, 289, 290, 290/VU, 320A, 291 &amp; 291/A, Maddikunta (V), Sadasivapet (M), Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/157986/2020 (EC)</b>

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

The Sub-Committee constituted by the SEAC inspected the site on 13.09.2020 and submitted the report. The following observations were made by the sub-committee members:

*The members accompanied with the sub-committee was proponent of M/s. AVR Organics Private Limited Sy. Nos: 11, 12, 13, 14, 15 of Yawapur village & 233, 233 E2, 261, 261AAE, 262, 262 AAE, 267, 267 A2, 267E, 276, 276AA, 276 E, 276/A/1, 278, 279AA, 280, 280A, 281, 281AA, 281 VU, 285, 285E, 286, 287, 287A1, 288, 288A, 289, 290,290/VU, 320A, 291 & 291/A of Maddikunta villages of Sadasivapet (M), Sangareddy district, Telangana State, and the consultant Kushal k Bodhankar KKenvirocare Pvt Hyd to the unit site. Inspected the unit and verified the records, the proponent has showed the records pertaining to the previous products and the expanding its Active Pharmaceutical Ingredients (APIs) manufacturing, same is represented as bellow. The unit distance from the Nearest Habitat, Village, Stream and Water body,*

*There is no any ecological sensitive zones and reserved forests within 10 km radius. The nearest village is Maddikunta which is 1.6km away from the site. And there a water body at Mahabub pasa Darga, 1.7km away from the unit.*

**Project Modification**

*Industry is proposing to expand its Active Pharmaceutical Ingredients (APIs) manufacturing unit by adding 3 new products to the EC & CFE permitted products in the existing area with extended land of total area 42.09 Ha. Plant Layout showing with facilities are enclosed as Annexure-1.*

*i. Project Cost*

Overall estimated cost involved in the total project (existing and proposed) like land, building, plant & machinery is Rs.295.1 Crores (Annexure-2). Existing investment is Rs. 42.1 crores. Additional project cost during EC expansion in 2017 was Rs. 250 crores. The additional investment for the proposed expansion project will be of Rs. 3 Crores thereby totaling to Rs. 295.1 Crores as per CA Certificate. Total capital cost allocated towards environmental pollution control measures is Rs. 27.65 Crores. Recurring cost after proposed project will be about Rs. 23.92 crores per annum.

*ii. ZLD System & its adequacy*

Industry is proposing ETP- ZLD for effective treatment of effluent generated from process which is located in the premises i.e. to treat HCOD/HTDS & LTDS/LCOD effluent and domestic wastewater collected by gravity into a collection tank separately. The ETP is designed to meet about 530KLD of wastewater. Treated effluent is proposed to reuse in utilities. ETP Flow chart is enclosed as Annexure-3.

Effluent Type	Existing			Expansion		
	Quantity in KLD	ETP capacity in KLD	Adequacy	Quantity in KLD	Upgraded ETP capacity in KLD	Adequacy
HTDS / HCOD	-	-	Yes	327.9	380	Yes
LTDS / LCOD	5	CETP	Yes	159	250	Yes
Domestic	4		Yes			
<b>Total</b>	<b>9</b>		<b>Yes</b>	<b>486.9</b>	<b>530</b>	<b>Yes</b>

*i. ETP Modifications*

Industry is upgrading ETP-ZLD and the ETP unit wise dimensions are given in Annexure-4.

*ii. Products: Comparison of Existing and Proposed (which are going for expansion)*

Comparison of Existing and Proposed products which are going for expansion is given in Annexure-6.

*iii. Verify Production details w.r.t. permitted for the past one year, as per ER-I*

Details are given in Annexure-5.

*iv. Raw material: Comparison of Existing and Proposed (which are going for expansion)*

Details of Raw materials of Existing and Proposed are given in Annexure-6.

*v. Solid waste: Comparison of Existing and Proposed (which are going for expansion)*

Details of Solid waste of Existing and Proposed are given in Annexure-7.

*vi. Impact on Surroundings*

Industry is located in the Yaapur & Maddikunta villages of Sadasivapet (M), Sangareddy district, Telangana State and is proposing for expansion. Considering the proposed EMP for the expansion project, impacts on surroundings are minimal.

- Effluent: Segregated based on HTDS / HCOD → Stripper → MEE → Biological treatment → Treated effluent reused in Utilities.

LTDS / LCOD including Domestic → Biological treatment → Treated effluent reused in Utilities.

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- *Solid Waste: Segregated based Nature → Stored in Covered Platform with leachate collection pit → Disposal to Authorized agencies for Reuse / alternate fuel / landfill etc.*
- *Boiler emissions: Multicyclone separator followed by bag filter will be installed with a stack height of 40m for 10, 2x6 TPH boilers and 30 m stack for 5 TPH boiler for controlling the particulate emissions within statutory limit of 115 mg/Nm<sup>3</sup>.*
- *Process emissions: HCl, HF, HBr, SO<sub>2</sub>, NH<sub>3</sub>, NO<sub>2</sub>, Methylamine, Methy Chloride, Chlorine, CO<sub>2</sub>, O<sub>2</sub>, n-butane & H<sub>2</sub> → Scrubbed effectively in dual stage scrubber with suitable liquid / dispersed into atmosphere / flame arrestor to control the gaseous emissions.*
- *Noise: DG sets will be enclosed with acoustic enclosures.*
- *Greenbelt area: Total Greenbelt area is 13.9 Ha of 42.09 Ha i.e. 33%.*

vii. *Applicability of S.O.804 (E) dt. 14.03.2017 & S.O. 1030 (E) dt. 08.03-2018 issued by the MoE&F, GoI*

*Not Applicable*

viii. *Implementation of disaster management plan and safety measures in the existing project and proposed expansion.*

*Industry proposes Disaster Management Plan/ On-site Emergency Plan at unit to provide basic guideline to the personnel for effective management in case of any emergency at the facility.*

*Accordingly, Industry has initiated preparation of a comprehensive Disaster Management plan/ On-site Emergency Plan with an objective to minimize exposure of people and maximize the speed of corrective action is required for any industry. Potential for hazards due to fire, explosion is significant in the proposed project.*

*The plan covers information regarding the Synthetic organic chemicals, the operations involved in the plant, type of anticipated emergency and area, actual emergency control plan with authority delegation, controlling and other details, general details like location, plant layout, neighboring industries and the assistance they can tender etc.*

ix. *Greenbelt development*

*Total Greenbelt area will be developed in 13.9 Ha out of total area 42.09 Ha (33 %). List of plant species suitable for greenbelt are given in Annexure-8.*

x. *Justification of 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. AVR Organics Pvt. Ltd., is located at Yawapur and Maddikunta villages of Sadasivapet (M), Sangareddy district, Telangana State.*

*Industry was established in 1995 in the name of M/s. Tejasviny Rasayans Limited.*

*M/s AVR Organics has taken over the industry from the Office of the Official Liquidator, High Court of Andhra Pradesh vide Sale deed document no. 1751 of 2006. Thereafter M/s AVR Organics regularly obtaining renewal of Consent for Operation (CFO) from SPCB.*

*Latest operational CFO from TSPCB vide TSPCB/RCP/CFO&HWM/HO/2018-3438 dated 18-01-2018 and is valid till 30-11-2022 issued before EC was granted.*

*Environment Clearance (EC) was obtained from MoEFCC to manufacture APIs and its intermediates vide F.No.J-110111/380/2016-IA.II (I) dated 09-01-2019.*

*Consent for Establishment (CFE) was issued by TSPCB vide Order. No. 01/TSPCB/RO-SR-I/CFE/HO/2019-1509 dated 26-09-2019. Industry had applied for CFO-Expansion to TSPCB for 20% production capacity and is waiting for the order copy.*



**RECOMMENDATION:**

*Based on the above observations, the EC maybe granted.*

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

<b>Agenda Item No. 39</b>	<b>M/s. MSN Life Sciences Private Limited, Unit-I, Sy.No.20/A1, 20/A2, 20/A3, 21/A, 21/AA, 22/E1, 22/E2, 22/E3 and 24/A, Mambapur (V), Gummadidala (M), Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/163462/2020 (EC)</b>

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

The Sub-Committee constituted by the SEAC inspected the site on 17.09.2020 and submitted the report. The following observations were made by the sub-committee members:

*The members accompanied with the sub-committee are proponent of M/s. MSN Life Sciences Private Limited, Unit-1 Sy.No.20/A1, 20/A2, 20/A3, 21/A, 21/AA, 22/E1, 22/E2, 22/E3 and 24/A, Mambapur (V), Gummadidala (M), Sangareddy District, Telangana State. And the consultant Kushal k Bodhankar KKenvirocare Pvt Hyd to the unit site. Inspected the unit and verified the records, the proponent has showed the records pertaining to the previous products and the expanding its Active Pharmaceutical Ingredients (APIs) manufacturing, same is represented as bellow.*

**THE UNIT DISTANCE FROM THE NEAREST HABITAT, VILLAGE, STREAM AND WATER BODY,**

*There are no any ecological sensitive zones but reserved forests are there near the unit. Those are Adjacent to Narsapur RF Block Nawabpet RF (Fairly Dense Scrub) – 2.64 km (ENE), Kanukunta RF (Dense Scrub) – 4.9 km (ENE)*

*And there is a water pond near Gummadidala – 0.2 km (S), Pond near Gummadidala – 0.57 km (E), Erra cheruvu – 1.7 km (SSW), Pond near Bonthapalli – 2.87 km (S), Ran cheruvu – 4.92 km (S), Ponds near Nallavalli – 2.15 km (NNE), 2.32 km (N) & 2.61 km (N) and, many small ponds are there in the 10 km radius from the site area. The nearest village is gummadidala village 1.21km SE.*

**i. Project Modification**

*Industry is proposing to expand its Active Pharmaceutical Ingredients (APIs) and API Intermediates manufacturing unit along with R&D facility by adding 34 new products and additional utilities in the existing area with extended land totaling to 3.31 Ha (8.18 acres). Plant Layout showing with facilities are enclosed as Annexure-1.*

**ii. Project Cost**

*Overall estimated cost involved in the total project (existing and proposed) like land, building, plant & machinery is Rs.166.11 Crores (Annexure-2). The additional investment for proposed expansion project will be of Rs.90 Crores with an existing investment of Rs.76.11 Crores totaling to Rs. 166.11 Crores as per CA Certificate. Total capital cost allocated towards environmental pollution control measures is Rs.13.91 Crores including existing Rs.3.91 crores. Recurring cost after proposed expansion project will be about Rs.10.6 crores per annum which includes transportation charges of hazardous waste.*

**iii. ZLD System & its adequacy**

*Industry is proposing ETP- ZLD for effective treatment of effluent generated from process which is located in the premises i.e. to treat HCOD/HTDS & LTDS/LCOD effluent and domestic wastewater collected by gravity into a collection tank separately. The upgraded ETP-ZLD is*

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designed to meet about 180 KLD capacity of wastewater. Treated effluent is proposed to reuse in utilities. ETP Flow chart is enclosed as Annexure-3.

Effluent Type	Existing			Expansion		
	Quantity in KLD	ETP capacity in KLD	Adequacy	Quantity in KLD	Upgraded ETP capacity in KLD	Adequacy
HTDS / HCOD	3.5	6	Yes	82.8	100	Yes
LTDS / LCOD	2	6	Yes	64.8	80	Yes
Domestic	2.5		Yes	6		Yes
<b>Total</b>	<b>8</b>	<b>12</b>	<b>Yes</b>	<b>153.6</b>	<b>180</b>	<b>Yes</b>

**iv. ETP Modifications**

Industry is upgrading ETP-ZLD and the ETP unit wise dimensions are given in Annexure-4.

**v. Products: Comparison of Existing and Proposed (which are going for expansion)**

Comparison of Existing and Proposed products which are going for expansion is given in Annexure-6.

**vi. Verify Production details w.r.t. permitted for the past one year, as per ER-I/GST**

Details are given in Annexure-5.

**vii. Raw material: Comparison of Existing and Proposed (which are going for expansion)**

Details of Raw materials of Existing and Proposed are given in Annexure-6.

**viii. Solid waste: Comparison of Existing and Proposed (which are going for expansion)**

Details of Solid waste of Existing and Proposed are given in Annexure-7.

**ix. Impact on Surroundings**

Industry is located in the Mambapur (V), Gummadidala (M), Sangareddy District, Telangana State and is proposing for expansion. Considering the proposed EMP for the expansion project, impacts on surroundings are minimal.

- Effluent: Segregated based on HTDS / HCOD → Stripper → MEE → Biological treatment → Treated effluent reuse in Utilities.
- LTDS / LCOD including Domestic → Biological treatment → Treated effluent reused in Utilities.
- Solid Waste: Segregated based Nature → Stored in Covered Platform with leachate collection pit → Disposal to Authorized agencies for Reuse / alternate fuel / landfill etc.
- Boiler emissions: Multi Cyclone Separator followed by Bag filter is installed with a stack height of 30m each for 3 TPH boiler and 6 TPH boiler is installed for controlling the particulate emissions within statutory limit of 115 mg/Nm<sup>3</sup>.
- Process emissions: HCl, H<sub>2</sub>, CO<sub>2</sub>, SO<sub>2</sub>, N<sub>2</sub>, O<sub>2</sub> & Hydrogen Bromide → Scrubbed effectively in dual stage scrubber with suitable liquid / dispersed into atmosphere / flame arrestor to control the gaseous emissions.
- Noise: DG sets will be enclosed with acoustic enclosures.
- Greenbelt area: Total Greenbelt area is 1.104 Ha of 3.31 Ha i.e. 33.3%.

**x. Applicability of S.O.804 (E)dt. 14.03.2017 & S.O. 1030 (E) dt. 08.03-2018 issued by the MoE&F, GoI.-----Not Applicable-----**

***xi. Implementation of disaster management plan and safety measures in the existing project and proposed expansion.***

*Industry will upgrade the Disaster Management Plan/ On-site Emergency Plan at unit and will provide basic guideline to the personnel for effective management in case of any emergency at the facility.*

*Accordingly, Industry has initiated preparation of a comprehensive Disaster Management plan/ On-site Emergency Plan with an objective to minimize exposure of people and maximize the speed of corrective action is required for any industry. Potential for hazards due to fire, explosion is significant in the proposed project.*

*The plan covers information regarding the Synthetic organic chemicals, the operations involved in the plant, type of anticipated emergency and area, actual emergency control plan with authority delegation, controlling and other details, general details like location, plant layout, neighboring industries and the assistance they can tender etc.*

***xii. Greenbelt development***

- *Total Greenbelt area will be 1.104 Ha out of total area 3.31 Ha (33.3 %). The existing trees present near the boundary wall and other trees rose in the garden area along with the proposed greenbelt has a total area is 1500 sq. m.*
- *In 1.104 Ha proposed under greenbelt @1650 trees shall be maintained under greenbelt as per guidelines are given in Annexure-8.*

***xiii. Justification of 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. MSN Life Sciences Pvt. Ltd, Unit-I is located at Mambapur (V), Gummadidala (M), Sangareddy District, Telangana State.*
- *Industry was established in the year 2005 in the name of M/s. Ravoos Laboratories Limited.*
- *Obtained Consent for Establishment (CFE) vide order No. order No.BLRM-138/PCB/ZO/RCP/CFE/2005-300 dated 28-07-2005.*
- *M/s. Ravoos Laboratories Limited was taken over by M/s. Vijeta Life Sciences Pvt. Ltd., in 2005. Later it changed its name to M/s. MSN Life Sciences Private Limited in the year 2013*
- *Industries is in operation with latest CFO vide order no. TSPCB/RCP/CFO/HO/2018-187 dated 21-04-2018 valid upto 28-02-2023 and Amended CFO vide order no TSPCB/RCP/HO/ CFO/2018 dated 21-06-2018.*

***RECOMMENDATION:***

*Based on the above observations, it is evidenced that there is no impact on the water bodies, on the surrounding environment and also on the human habitation, it is therefore the EC maybe granted.*

The SEAC examined the report of the Sub-Committee and observed that the nearest water body exits at a distance of 0.2 km & nearest RF exists adjacent to the industry. However, the SEAC considered the project as the industry is already existing and present proposal is for expansion.

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

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Agenda Item No. 40	M/s. Covalent Laboratories Pvt. Ltd., Unit-I, Sy.No. 315/EE, 337/A, 337/AA, 345/A, 346/A1, 358/1A, 359/AA, 374/A, 374/AA, 375, 376, 377/A, 377/A1, 377/EE/1, 324/EE, 324/E, 336/AA, 328/EE, 355/A, 329/A, 329/AA, 336/A, 335/A, 335/AA, Gundlamachnoor (V), Hathnoora (M), Sangareddy District – Environmental Clearances – Reg.
Proposal No.	SIA/TG/IND2/155716/2020 (EC)

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

The Sub-Committee constituted by the SEAC inspected the site on 11.09.2020 and submitted the report. The following observations were made by the sub-committee members:

*The members accompanied with the sub-committee are proponent of M/s. Covalent Laboratories Private Limited, Sy.No. 315/EE, 337/A, 337/AA, 345/A, 346/A1, 358/1A, 359/AA, 374/A, 374/AA, 375, 376, 377/A, 377/A1, 377/EE/1, 324/EE, 324/E, 336/AA, 328/EE, 329/A, 329/AA, 336/A, 335/A, 335/AA, Gundlamachnoor (V), Hathnoora (M), Sangareddy District, Telangana State to the unit site. Inspected the unit and verified the records, the proponent has showed the records pertaining to the previous products and the expanding its Active Pharmaceutical Ingredients (APIs) manufacturing, same is represented as bellow.*

**THE UNIT DISTANCE FROM THE NEAREST HABITAT, VILLAGE, STREAM AND WATER BODY,**

*There are no any ecological sensitive zones but reserved forests are there 1.Kazipally RF 2.97km, Wailal RF 5.37km, Gajularamaram RF 5.94, Pottaguda RF 7.37 km and Dundigal RF 9.19km from the unit. The nearest village is Bollaram 0.42km NE.*

*And there is a water pond near Mallampet at 1.26km (S), Kathya tank at 1.45km, Danara Cheruvu 2.05km (NW), Ponds near Mallampet – 1.26km (NNE) & 1.31km (ENE), Kathya Tank -1.45 km (ENE), Bachupalli cheruvu – 2.2 km (ESE), Ameenpur lake – 2.61 km (SSW), Pond – 4.06 jn (WSW), Ponds near Ayilapur – 4.06 (WSW) & 4.29 km (275.24), Ponds near Vadadgupalli – 4.48 km (291.99) & 4.77 km (W), Pedda Cheruvu / Ganagram Cheruvu – 5.06 km (SSW), Miyapur patel cheruvu – 5.2 km (S), Miyapur cheruvu – 4.84 km (SSE), Hydernagar cheruvu – 5.52 km (SE), Ambar Cheruvu – 5.77 km (SE), Sri Sai nagar lake – 4.14 km (ESE) water bodies are there.*

*Nearest village is Hatnoora village 9.53 km (N) and habitation is Gundlamachnur village – 0.58 km (E).*

**i. Project Modification**

*Industry is proposing to expand its Active Pharmaceutical Ingredients (APIs) and API Intermediates manufacturing unit by adding 1 new product along with 3MW & 2MW CPP in the existing area with extended land of total area 29.57 Ha (73.03 acres). Plant Layout showing with facilities are enclosed as Annexure-1.*

**ii. Project Cost**

*Overall estimated cost involved in the total project (existing and proposed) like land, building, plant & machinery is Rs.299.5 Crores (Annexure-2). The additional investment to establish proposed expansion project will be of Rs.49.3 Crores with an existing investment of Rs. 250.2 Crores totaling to Rs. 299.5 Crores as per CA Certificate. Total capital cost allocated towards environmental pollution control measures is Rs.24.91 Crores including existing Rs.20.67 crores. Recurring cost after proposed expansion project will be about Rs. 24 crores per annum which includes transportation charges of hazardous waste.*

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**iii. ZLD System & its adequacy**

Industry is proposing ETP- ZLD for effective treatment of effluent generated from process which is located in the premises i.e. to treat HCOD/HTDS & LTDS/LCOD effluent and domestic wastewater collected by gravity into a collection tank separately. The ETP is designed to meet about 451KLD of wastewater. Treated effluent is proposed to reuse in utilities. ETP Flow chart is enclosed as Annexure-3.

Effluent Type	Existing			Expansion		
	Quantity in KLD	ETP capacity in KLD	Adequacy	Quantity in KLD	Upgraded ETP capacity in KLD	Adequacy
HTDS / HCOD	175	220	Yes	294	350	Yes
LTDS / LCOD	123	150	Yes	113	180	Yes
Domestic			Yes	44		Yes
<b>Total</b>	<b>298</b>	<b>370</b>	<b>Yes</b>	<b>451</b>	<b>480</b>	<b>Yes</b>

**iv. ETP Modifications**

Industry is upgrading ETP – ZLD and the ETP unit wise dimensions are given in Annexure-4.

**v. Products: Comparison of Existing and Proposed (which are going for expansion)**

Comparison of Existing and Proposed products which are going for expansion is given in Annexure-6.

**vi. Verify Production details w.r.t. permitted for the past one year, as per ER-I**

Details are given in Annexure-5.

**vii. Raw material: Comparison of Existing and Proposed (which are going for expansion)**

Details of Raw materials of Existing and Proposed are given in Annexure-6.

**viii. Solid waste: Comparison of Existing and Proposed (which are going for expansion)**

Details of Solid waste of Existing and Proposed are given in Annexure-7.

**ix. Impact on Surroundings**

Industry is located in the Gundlamachnoor (V), Hathnoora (M), Sangareddy District, Telangana State and is proposing for expansion. Considering the proposed EMP for the expansion project, impacts on surroundings are minimal.

- Effluent: Segregated based on HTDS / HCOD → Stripper → MEE → Biological treatment → Treated effluent reuse in Utilities.

LTDS / LCOD including Domestic → Biological treatment → Treated effluent reused in Utilities.

- Solid Waste: Segregated based Nature → Stored in Covered Platform with leachate collection pit → Disposal to Authorized agencies for Reuse / alternate fuel / landfill etc.
- Boiler emissions: ESP is installed with a stack height of 45m for 20 TPH boiler and 55 m stack for 30 TPH boiler are installed is installed for controlling the particulate emissions within statutory limit of 115 mg/Nm<sup>3</sup>
- Process emissions: HCl, HF, CO<sub>2</sub>, O<sub>2</sub> & H<sub>2</sub> → Scrubbed effectively in dual stage scrubber with suitable liquid / dispersed into atmosphere / flame arrestor to control the gaseous emissions.
- Noise: DG sets will be enclosed with acoustic enclosures.
- Greenbelt area: Total Greenbelt area is 11.95 Ha of 29.57 Ha i.e. 40.4%.

**x. Applicability of S.O.804 (E)dt. 14.03.2017 & S.O. 1030 (E) dt. 08.03-2018 issued by the MoE&F, GoI**

Not Applicable

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### **xi. Implementation of disaster management plan and safety measures in the existing project and proposed expansion.**

Industry is time to time upgrading the Onsite Emergency Plan. Disaster Management Plan/ On-site Emergency Plan at unit will provide basic guideline to the personnel for effective management in case of any emergency at the facility.

Accordingly, Industry will upgrade comprehensive Disaster Management plan/ On-site Emergency Plan with an objective to minimize exposure of people and maximize the speed of corrective action is required for any industry. Potential for hazards due to fire, explosion is significant in the proposed project.

The plan covers information regarding the Synthetic organic chemicals, the operations involved in the plant, type of anticipated emergency and area, actual emergency control plan with authority delegation, controlling and other details, general details like location, plant layout, neighboring industries and the assistance they can tender etc.

### **xii. Greenbelt development**

- Total Greenbelt area will be 11.95 Ha out of total area 29.57 Ha (40.4 %). The existing trees present near the boundary wall and other trees rose in the garden area in 58098.06 sq. m. and another 60612.51 sq. m area is proposed under greenbelt.
- In 6.0 ha proposed under greenbelt @1500 trees a total of 9000 trees shall be maintained under greenbelt as per guidelines are given in Annexure-8.

### **xiii. Justification of 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. Covalent Laboratories Pvt. Ltd., Unit-I is located at Gundlamachnoor (V), Hathnoora (M), Sangareddy District, Telangana State.

Industry was established originally in 1989 in the name of M/s. Sri Ram Laboratories Ltd., which was taken over by M/s. Covalent Laboratories Pvt. Ltd., in 2002 and obtained its first Environmental Clearance (EC) vide J-11011/88/2004-IA II (I) dated 30-11-2004.

In 2015, industry proposed expansion of the unit and obtained its Environmental Clearance F.No.J-11011/375/2013-IA II (I) dated 30-12-2015 to manufacture on campaign basis any 20 products at a time out of 65 products with total production capacity of 2400 TPA (200 TPM) along with 3 MW coal based Captive Power Plant (CPP).

Consent for Establishment (CFE) was obtained vide order No. 01/TSPCB/CFE/RO-SR-I/HO/2018-1596 dated 29-09-2016 and Consent to Operate (CFO) vide order no. TSPCB/SRD/HO/CFO/2017-2861 dated 28-01-2017 valid upto 30-09-2021.

Amendment to EC was obtained from MoEFCC for installation of additional boiler of 20 TPH with 2MW CPP along with changes in list of products vide F.No. J-11011/375/2013-IA-II (I) dated 23-06-2017 and EC corrigendum was issued on 19-12-2017. CFE Amendment incorporating additional 20 TPH with 2 MW CPP along with changes in list of products was issued by TSPCB vide order no. 01/TSPCB/CFE/RO-SR-I/HO/2016-1248 dated 25-07-2017.

### **Recommendations:**

Based on the above observations, it is evidenced that there is no impact on the water bodies, on the surrounding environment and also on the human habitation, it is therefore the EC maybe granted.

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

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<b>Agenda Item No. 41</b>	<b>M/s. Rampex Labs Private Limited, Sy.No. 172, Plot No. 151, S.V. Co-op. Industrial Estate, Village Road, IDA Bollaram, Jinnaram Mandal, Sangareddy District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/169794/2020 (EC)</b>

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

The Sub-Committee constituted by the SEAC inspected the site on 19.09.2020 and submitted the report. The following observations were made by the sub-committee members:

The members accompanied with the sub-committee are proponent of M/s. Rampex Labs Private Limited, Sy.No.172, Plot no.151, S.V. Co-op, Industrial Estates, village road, IDA Bollaram, Jinnaram Mandal, Sangareddy District, Telangana State and the consultant Kushal K. Bodhankar K K envirocare Pvt. Hyd to the unit site. Inspected the unit and verified the records, the proponent has showed the records pertaining to the rprevious products and the expanding its Active Pharmaceutical Ingredients (APIs) manufacturing, same is represented as bellow.

**THE UNIT DISTANCE FROM THE NEAREST HABITAT, VILALGE, STREAM AND WATER BODY.**

There are no any ecological sensitive zones but reserved forests are there near the unit. Kazipally RF .97km, Wailal RF 5.37km, Gajularamaram RF 5.94, Pottagauda RF 7.37km and Dundigal RF 9.19 from the unit. The nearest village Bollaram 0.42km NE.

And there is a water pond Mallampet -1.26 km (NNE) & 1.31 km Danara cheruvu – 2.05 km (NW), Ponds near Mallampet -1.26 km (NNE) & 1.31 km (ENE), Kathya Tank – 1.45 (ENE), Bachupalli cheruvu – 2.2 km (ESE), Ameenpur lake – 2.61 km (SSW), Pond – 4.06 km (WSW), Ponds near Ayilapur – 4.06 (WSW) & 4.29 km (275.24), Ponds near vadadgupalli – 4.48 km (291.99) & 4.77 km (W), Pedda cheruvu / Ganagram cheruvu – 5.06 km (SSW), Miyapur patel cheruvu – 5.2 km (S), Miyapur cheruvu – 4.84 km (SSE), Hydernagar 4.14 km (ESE) water bodies are there.

**i. Project Modification**

*Industry is proposing to expand its Active Pharmaceutical Ingredients (APIs) and API Intermediates manufacturing unit along with R&D facility by adding 18 new products and additional utilities in the existing area with Total land of 2.02 Ha (5.0 acres). Plant Layout showing with facilities are enclosed as Annexure-1.*

**ii. Project Cost**

*Overall estimated cost involved in the total project (existing and proposed) like land, building, plant & machinery is Rs.59.79 Crores (Annexure-2). The additional investment for proposed expansion project will be of Rs.13.22 Crores with an existing investment of Rs. 46.57 Crores totaling to Rs. 59.79 Crores as per CA Certificate. Total capital cost allocated towards environmental pollution control measures is Rs.10.62 Crores including existing Rs.4.57 crores. Recurring cost after proposed expansion project will be about Rs.5.75 crores per annum which includes transportation charges of hazardous waste.*

**iii. ZLD System & its adequacy**

*Industry is proposing ETP- ZLD for effective treatment of effluent generated from process which is located in the premises i.e. to treat HCOD/HTDS & LTDS/LCOD effluent and domestic wastewater collected by gravity into a collection tank separately. The ETP is designed to meet about 75 KLD of wastewater. Treated effluent is proposed to reuse in utilities. ETP Flow chart is enclosed as Annexure-3.*

Effluent Type	Existing			Expansion		
	Quantity in KLD	ETP capacity in KLD	Adequacy	Quantity in KLD	Upgraded ETP capacity in KLD	Adequacy
HTDS / HCOD	4.28	25	Yes	36.1	50	Yes
LTDS / LCOD	4.5	25	Yes	14	25	Yes
Domestic	1.5		Yes	13		Yes
<b>Total</b>	<b>10.28</b>		<b>Yes</b>	<b>63.1</b>	<b>75</b>	<b>Yes</b>

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**iv. ETP Modifications**

Industry is upgrading ETP – ZLD and the ETP unit wise dimensions are given in Annexure-4.

**v. Products: Comparison of Existing and Proposed (which are going for expansion)**

Comparison of Existing and Proposed products which are going for expansion is given in Annexure-6.

**vi. Verify Production details w.r.t. permitted for the past one year, as per ER-I/GST**

Details are given in Annexure-5.

**vii. Raw material: Comparison of Existing and Proposed (which are going for expansion)**

Details of Raw materials of Existing and Proposed are given in Annexure-6.

**viii. Solid waste: Comparison of Existing and Proposed (which are going for expansion)**

Details of Solid waste of Existing and Proposed are given in Annexure-7.

**ix. Impact on Surroundings**

Industry is located in the S.V. Co-op. Industrial Estate, Village Road, IDA Bollaram, Jinnaram Mandal, Sangareddy District, Telangana State and is proposing for expansion. Considering the proposed EMP for the expansion project, impacts on surroundings are minimal.

- Effluent: Segregated based on HTDS / HCOD → Stripper → MEE → Biological treatment → Treated effluent reuse in Utilities.  
LTDS / LCOD including Domestic → Biological treatment → Treated effluent reused in Utilities.
- Solid Waste: Segregated based Nature → Stored in Covered Platform with leachate collection pit → Disposal to Authorized agencies for Reuse / alternate fuel / landfill etc.
- Boiler emissions: Multi Cyclone Separator followed by Bag filter is installed with a stack height of 30m each for 5 TPH boiler and 3 TPH boiler (standby) is installed for controlling the particulate emissions within statutory limit of 115 mg/Nm<sup>3</sup>
- Process emissions: HCl, H<sub>2</sub>, CO<sub>2</sub>, SO<sub>2</sub>, O<sub>2</sub> & NH<sub>3</sub> → Scrubbed effectively in dual stage scrubber with suitable liquid / dispersed into atmosphere / flame arrestor to control the gaseous emissions.
- Noise: DG sets will be enclosed with acoustic enclosures.
- Greenbelt area: Total Greenbelt area is 0.81 Ha of 2.02 Ha i.e. 40%.

**x. Applicability of S.O.804 (E) dt. 14.03.2017 & S.O. 1030 (E) dt. 08.03-2018 issued by the MoE&F, GoI**

Not Applicable

**xi. Implementation of disaster management plan and safety measures in the existing project and proposed expansion.**

Industry proposes Disaster Management Plan/ On-site Emergency Plan at unit are to provide basic guideline to the personnel for effective management in case of any emergency at the facility.

Accordingly, Industry has initiated preparation of a comprehensive Disaster Management plan/ On-site Emergency Plan with an objective to minimize exposure of people and maximize the speed of corrective action is required for any industry. Potential for hazards due to fire, explosion is significant in the proposed project.

The plan covers information regarding the operations involved in the plant, type of anticipated emergency and area, actual emergency control plan with authority delegation, controlling and other details, general details like location, plant layout, neighboring industries and the assistance they can tender etc.

**xii. Greenbelt development**

- Total Greenbelt area will be 0.81 Ha out of total area 2.02 Ha (40 %).

**xiii. Justification of 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.**



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*M/s. Rampex Labs Pvt. Ltd. is located at .V. Co-op. Industrial Estate, Village Road, IDA Bollaram, Jinnaram Mandal, Sangareddy District, Telangana State.*

*Industry was established originally in 1982 in the name of M/s. Fur Fur Chemicals Private Ltd., which was taken over by M/s. Dil Remedies Private Limited., in 2004. Later the assets were taken over by M/s. Rampex Labs Pvt Ltd in the year 2005.*

*In 2011, Consent for Establishment (CFE) - Change of Product Mix with no increase in pollution load was obtained vide order no.437/PCB/CFE/RO-II-RCP/HO/2011-2140 dated 15-10-2011.*

*Industries in operation with latest Consent to Operate (CFO) vide order no. TSPCB/RCP/CFO&HWM/HO/2019 dated 02-07-2019 and was valid till 30-06-2020.*

**xiv. Compliance of Hon'ble NGT Order dt.19.08.2019 (Published on 23.08.2019) in OA. No. 1038/2018 as per OM dt.31.10.2019 of the MoEF&CC, GoI.**

<b>Environment</b>	<b>Mitigation Measures</b>	<b>Compliance</b>
<i>Air</i>	<i>Stipulation of conditions such as:</i>	
	<i>i. Stack emission levels should be stringent than the existing standards in terms of the identified critical pollutants.</i>	<i>Mechanical dust collector with a stack of 30 m is provided for the 3 TPH coal fired boiler for controlling the particulate emissions. Regular stack monitoring is carried out with authorized laboratories and found the emissions levels within the limits.</i>
	<i>ii. CEMS may be installed in all large/medium red category industries (air polluting) and connected to SPCB and CPCB server.</i>	<i>Online continuous emission monitoring system is installed and is connected to TSPCB and CPCB servers.</i>
	<i>iii. Effective fugitive emission control measures should be imposed in the process, transportation, packing etc.</i>	<i>Fugitive emissions are mainly resulted from handling solvents.</i> <ul style="list-style-type: none"> <li>• <i>Dedicated pipelines for transfer of solvents from respective solvent storage tanks to Day tanks and then to reactors in the production blocks.</i></li> <li>• <i>All solvent storage tanks will be provided with vent condensers having cooling or chilled water circulation.</i></li> <li>• <i>All reactors will be provided by double condensers.</i></li> <li>• <i>Nitrogen blanketing will be provided in certain process areas.</i></li> <li>• <i>Mechanical seals will be provided for all the reactors for improving emission control measures.</i></li> <li>• <i>Mother liquors will be collected in closed drums.</i></li> <li>• <i>Standby scrubbers will be kept ready for emergency use.</i></li> <li>• <i>Wherever possible pressure nutch filters (PNF) will be used in place of centrifuges to contain the solvents thereby reducing the</i></li> </ul>

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		<p><i>solvent emissions.</i></p> <ul style="list-style-type: none"> <li><i>Nitrogen breather valves are used for the bulk tanks to avoid escaping of solvents.</i></li> </ul>
	iv. Transportation of materials by rail/ conveyor belt, wherever feasible.	-
	v. Encourage use of cleaner fuels (pet coke/ furnace oil/LSHS may be avoided).	Coal is being used as fuel for Boiler.
	vi. Best Available Technology may be used. For example; usage of EAF / SAF / IF in place of Cupola furnace. Usage of Supercritical technology in place of sub-critical technology.	-
	vii. Increase of green belt cover by 40% of the total land area beyond the permissible requirement of 33%, wherever feasible.	Noted and will comply with condition
	viii. Stipulation of greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry, etc.	Location outside the plant premises is identified for greenbelt development.
	ix. Assessment of carrying capacity of transportation load on roads inside the industrial premises. If the roads required to be widened, shall be prescribed as a condition.	All the internal Roads are Cemented to minimize the dust generation due to Vehicular Movement
Water	Stipulation of conditions such as:	Treated water after treatment is reused in the utilities
	i. Reuse/recycle of treated wastewater, wherever feasible.	
	ii. Continuous monitoring of effluent quality/ quantity in large and medium Red Category Industries (water polluting).	Industry has installed also installed digital flow meters for LTDS & HTDS effluents and connected the same to the CPCB and TSPCB website.
	iii. A detailed water harvesting plan may be submitted by the project proponent	Based on the rainfall intensity of the plant area, storm water drainage system has been designed. Storm water drainage system consists of well-designed network of open surface drains and rainwater harvesting tanks followed by harvesting pits along the drain so that all the storm water is efficiently used back to project and recharge the ground water without any water logging in the premises
	iv. Zero liquid discharge wherever techno-economically feasible.	Noted and will comply with the condition.
	v. In case, domestic waste water generation is more than 10 KID, the industry may install STP	Proposed to treat the domestic wastewater in ETP-ZLD
Land	Stipulation of conditions such as:	Noted and will comply with the condition.
	i. Increase of green belt cover by 40% of the total land area beyond the permissible requirement of 33%, wherever, feasible for new projects	
	ii. Stipulation of greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry,	Location outside the plant premises is identified for greenbelt

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	<i>etc.</i>	<i>development.</i>
	<i>iii. Dumping of waste (fly ash, slag, red mud, etc.) may be permitted only at designated locations approved by SPCBs/ PCCs</i>	<i>Hazardous waste will be sent SPCB authorized parties.</i>
	<i>iv. More stringent norms for management of hazardous waste. The waste generated should be preferably utilized in co-processing.</i>	<i>Hazardous waste like Forced Evaporation salts are disposed to cement plants for co-processing.</i>
<i>Other Condition (Additional)</i>	<i>i. Monitoring of compliance of EC conditions may be submitted with third party audit every year.</i>	<i>Noted and will comply with the condition.</i>
	<i>ii. The % of the CER may be at least 1.5 times the slabs given in the OM dated 01.05.2018 for SPA and 2 times for CPA in case of Environmental Clearance</i>	<i>Noted the condition and will comply with it. Allocated 2% of additional investment towards CER in the expansion proposal</i>

**Recommendations:**

Based on the above observations, it is evidence that there is no impact on the water bodies, on the surrounding environment and also on the human habitation, it is therefore the EC may be granted.

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

<b>Agenda Item No. 42</b>	<b>M/s. Nosch Labs private limited, Sy.No.332, 333, 335 &amp; 336, Veliminedu (V), Chityal (M), Nalgonda District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/162861/2020 (EC)</b>

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

The Sub-Committee constituted by the SEAC inspected the site on 17.10.2020 and submitted the report. The following observations were made by the sub-committee members:

Members travelled to M/s. Nosch Labs private limited Sy.No.332, 333, 335 & 336, Veliminedu (V), Chityal (M), Nalgonda (D), Telangana along with the Proponent to inspect the unit, verify records and submit report. The proponent showed the records pertinent to the previous product and described about the site

	<b>To Verify the issues</b>	<b>Observations</b>
1	Distance from Patancheru and Bolaram industrial area	M/s. Nosch Labs private limited Sy.No.332, 333, 335 & 336, Veliminedu (V), Chityal (M), Nalgonda (D), Telangana and is located at Gundrampalli area at a distance of more than 75 Km from the Patancheru and Bollaram Industrial Areas.  Nearest habitation from the project site is Veliminedu - 2.32 Kms (NW), Pittampalle -1.51 Kms (SE). Chityal RF is at a distance of - 6.27 Kms (NE). Nearest surface water bodies are Yepur Tank- 3.54 Kms (SW), Gundrampalli Cheruvu- 4.31 Kms (NW), Chityalacheruvu – 6.69 Kms (SW).

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2	Projectmodification	M/s. Nosch Labs private limited Sy.No.332, 333, 335 & 336, Veliminedu (V), Chityal (M), Nalgonda (D), Telanganaproposes to increase in production capacity from 19.25 TPM to 131.5and change in product mix. The industry proposes to manufacture 54 Bulk Drugs, 12 Drug intermediates along with R & D activity and individual capacities mentioned in EIA.
3	Projectcost	The unit is proposing to invest an additional amount of Rs. 8.0 crores an amount of Rs. 3.0 crores is towards EMP Budget.
4	ZLDSytem&itsadequacy	Currently the unit established 75 KLD MEE and 50 KLD Biological ETP and it is proposed to establish 145 KLD MEE and 170 KLD Biological ETP.  <b>The system is quiet Adequate</b>
5	ETPmodifications	<p>The Effluent management system is developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic</p> <p><b>The High TDS/ COD Effluents</b></p> <p>The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</p> <p><b>The Low TDS/ COD Effluents:</b></p> <p>These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</p> <p>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF.</p> <p>Capacity of ZLD system after expansion is mentioned in below Stripper-220 KLD, MEE-220 KLD &amp; ATFD Bio ETP - 220 KLD, RO Plant-220 KLD</p>
6	Products:Comparisonofexistingandproposed(whicharegoingforexpansion)	Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1
7	Verification of production records for one year	Verified and found to be audited
8	Raw material : Comparison of existing and proposed (which are going forexpansion)	Details of existing raw materials and proposed Raw Material are as described in EIA. One year production details are given in appendix 1b

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9	Solidwaste:Comparisonofexistingandproposed(whicharegoingforexpansion)	Details of existing and proposed Solid waste are provided inAppendix 2
10	Impactonsurroundings	<p><b>Water Pollution:</b>Total effluent generated increased from 220KLD HTDS and 220KLD 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. (Appendix 3)</p> <p><b>Air Pollution:</b> It is proposed to establish additional coal fired boiler of capacity 2 x 5 TPH, 1 x2 lakh Kcal THF to meet the steam requirement for process. Boilers are fitted with bag filters. The process emissions contain <b>HCl, SO<sub>2</sub>, HBr, NH<sub>3</sub>, CO<sub>2</sub>, O<sub>2</sub>, H<sub>2</sub>, and N<sub>2</sub></b>. Out of these <b>HCl, SO<sub>2</sub>, HBr, NH<sub>3</sub></b> are sent to scrubber in series. The resultant solutions after scrubbing are sent to ETP. H CO<sub>2</sub> and O<sub>2</sub> are let out into atmosphere following a standard operating procedure.</p> <p>Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</p> <p><b>Soil pollution:</b> All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</p> <p>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration.</p> <p>Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</p>
11	ApplicabilityofS.0.804(E), dt.14.03.2017 &S.O.1030(E)dt.08.03.2018 issuedbytheMoEF&CC,Go I.	Adhering to all the rules and regulations as per the procedure. The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.
12	Implementation of disaster management plan and safety measures in the exiting project and proposed expansion	The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report
13	Green belt development	M/s. Nosch Labs private limitedSy.No.332, 333, 335 & 336, Veliminedu (V), Chityal (M), Nalgonda (D), Telanganadeveloped green belt. They are proposing to develop additional to the total of 7.9 acres in more than stipulated one third of total area (~7.9 acre) covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment
14	Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019)in QA No.1038/2018 as per OM dt 31.10.2019 of the MOEF&CC, GOI	A Self declaration need to be submitted by the proponent

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**Recommendations:**

Impact of the expansion proposal of the project on the water body and surrounding environment is not affected. Environmental Clearance may be given to the project

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

<b>Agenda Item No. 43</b>	<b>M/s. MSN Organics Private Limited, Sy.Nos. 224/A, 224/AA, 224/E, 224/EE, Bibinagar Village &amp; Mandal, Yadadri - Bhuvanagiri-District - Environmental Clearance (Expansion) – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/161688/2020 (EC)</b>

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

The Sub-Committee constituted by the SEAC inspected the site on 15.09.2020 and submitted the report. The following observations were made by the sub-committee members:

*The members accompanied with the sub-committee are proponent of M/s . MSN Organics Private Limited, Sy.Nos. 224/A, 224/AA, 224/E, 224/EE, Bibinagar Village & Mandal, Yadadri - Bhuvanagiri-District, Telangana State. And the consultant Kushal k Bodhankar KKenvironcare Pvt Hyd to the unit site. Inspected the unit and verified the records, the proponent has showed the records pertaining to the previous products and the expanding its Active Pharmaceutical Ingredients (APIs) manufacturing, same is represented as bellow.*

***THE UNIT DISTANCE FROM THE NEAREST HABITAT, VILLAGE, STREAM AND WATER BODY,***

*There are no any ecological sensitive zones but reserved forests are there near the unit. Those are Adjacent to Bibinagar RF – at 0.63 km (SE), Kondamadugu RF (Open mixed jungle) — at 5.21 km (NW),*

*Naginenipalli RF (Open Mixed Jungle) — at 5.12 km (NNW),  
Parvatapuram Forest Block – at 8.68 km (NW),*

*And there is a water pond near Bibinagar Cheruvu – at 0.79 km (NNW),  
Pond near Gudur – at 3.28 km (NE) , Shamirpet vagu – at 1.33 km (NE)  
Pond near Padigipalli — at 4.62 km (ENE), Pond near Jainapalli – at 3.92 km (N) , ond near Raghavapuram — at 4.51 km (SSW), Musi River – at 6.52 km (SSE), Ponds near Yenkiryalala — at 6.75 km (SSW) & 8.11 km (SSW).*

*The nearest village is Bibinagar is 0.2 km (E) and Gudur – 2.8 km (NE).*

***i. Project Modification***

*Industry is proposing to expand its Active Pharmaceutical Ingredients (APIs) and API Intermediates manufacturing unit by retaining all the 26 permitted products with revised capacities in the existing area with additional land of total area 5.33 Ha. Plant Layout showing with facilities are enclosed as Annexure-1.*

***ii. Project Cost***

*Overall estimated cost involved in the total project (existing and proposed) like land, building, plant & machinery is Rs.143.87 Crores (Annexure-2) (including existing Rs. 43.87 Crores and additional is Rs. 100 Crores). Total capital cost allocated towards environmental pollution*

control measures is Rs. 13.87 crores including existing Rs. 3.87 Crores and the Recurring cost will be about Rs. 9.88 crores per annum.

**iii. ZLD System & its adequacy**

Industry is proposing ETP-ZLD for effective treatment of effluent generated from process which is located in the premises i.e. to treat HCOD/HTDS & LTDS/LCOD effluent and domestic wastewater collected by gravity into a collection tank separately. The ETP is designed to meet about 250KLD of wastewater. Treated effluent is proposed to reuse in utilities. ETP Flow chart is enclosed as Annexure-3.

Effluent Type	Existing			Expansion		
	Quantity in KLD	ETP capacity in KLD	Adequacy	Quantity in KLD	Upgraded ETP capacity in KLD	Adequacy
HTDS / HCOD	6.3	15	Yes	100.3	120	Yes
LTDS / LCOD	5.7	15	Yes	108.8	130	Yes
Domestic	2		Yes			Yes
<b>Total</b>	<b>14</b>	<b>30</b>	<b>Yes</b>	<b>209.1</b>	<b>250</b>	<b>Yes</b>

**iv. ETP Modifications**

Industry is upgrading ETP-ZLD and the ETP unit wise dimensions are given in Annexure-4.

**v. Products: Comparison of Existing and Proposed (which are going for expansion)**

Comparison of Existing and Proposed products which are going for expansion is given in Annexure-6.

**vi. Verify Production details w.r.t. permitted for the past one year, as per ER-I.**

Details are given in Annexure-5.

**vii. Raw material: Comparison of Existing and Proposed (which are going for expansion)**

Details of Raw materials of Existing and Proposed are given in Annexure-6.

**viii. Solid waste: Comparison of Existing and Proposed (which are going for expansion)**

Details of Solid waste of Existing and Proposed are given in Annexure-7.

**ix. Impact on Surroundings**

Industry is located in the Bibinagar Village & Mandal, Yadadri - Bhuvanagiri-District, Telangana State and is proposing for expansion. Considering the proposed EMP for the expansion project, impacts on surroundings are minimal.

- Effluent: Segregated based on HTDS / HCOD → Stripper → MEE → Biological treatment → Treated effluent reused in Utilities.  
LTDS / LCOD including Domestic → Biological treatment → Treated effluent reused in Utilities.
- Solid Waste: Segregated based Nature → Stored in Covered Platform with leachate collection pit → Disposal to Authorized agencies for Reuse / alternate fuel / landfill etc.
- Boiler emissions: Multicyclone separator followed by bag filter will be installed with a stack height of 30m for 3 & 6 TPH coal fired boilers for controlling the particulate emissions within statutory limit of 115 mg/Nm<sup>3</sup>.

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- *Process emissions: HCl, SO<sub>2</sub>, NH<sub>3</sub>, CO<sub>2</sub>, N<sub>2</sub>, O<sub>2</sub> & H<sub>2</sub> → Scrubbed effectively in dual stage scrubber with suitable liquid / dispersed into atmosphere / flame arrestor to control the gaseous emissions.*
- *Noise: DG sets will be enclosed with acoustic enclosures.*
- *Greenbelt area: Total Greenbelt area is 1.78 Ha of 5.33 Ha i.e. 33.4%.*

**x. *Applicability of S.O.804 (E) dt. 14.03.2017 & S.O. 1030 (E) dt. 08.03-2018 issued by the MoE&F, GoI***

*Not Applicable*

**xi. *Implementation of disaster management plan and safety measures in the existing project and proposed expansion.***

*Industry proposes Disaster Management Plan/ On-site Emergency Plan at unit are to provide basic guideline to the personnel for effective management in case of any emergency at the facility.*

*Accordingly, Industry has initiated preparation of a comprehensive Disaster Management plan/ On-site Emergency Plan with an objective to minimize exposure of people and maximize the speed of corrective action is required for any industry. Potential for hazards due to fire, explosion is significant in the proposed project.*

*The plan covers information regarding the Synthetic organic chemicals, the operations involved in the plant, type of anticipated emergency and area, actual emergency control plan with authority delegation, controlling and other details, general details like location, plant layout, neighboring industries and the assistance they can tender etc.*

**xii. *Greenbelt development***

- *Total Greenbelt area will be developed in 1.78 Ha out of total area 5.33 Ha (33.4 %). List of plant species suitable for greenbelt are given in Annexure-8.*

**xiii. *Justification of 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. MSN Organics Pvt. Ltd., is located at Bibinagar Village & Mandal, Yadadri - Bhuvanagiri-District, Telangana State was established 1987 in the name of M/s. Kran Organics Chemical Private Limited.*

*M/s. MSN Organics Private Limited purchased the assets of M/s. Kran Organics in the year 2007. CFE-Change of Products Mix (CPM) with no increase in production capacity and with no increase in pollution load was obtained from TSPCB vide order no. 06/TSPCB/CFE/RO-NLG/HO/2017 dated 24-01-2018.*

*Industry is currently under operation with latest CFO vide order No. TSPCB/RCP/NLG/CFO&HWA/HO/2018-2072 dated 10-09-2018 which is valid up to 28-02-2023.*

**xiv. *Existence of stream in the site, status of NOC from I&CAD Dept., & impacts of the project on it, if any.***

*There is not stream and water body in the site. Google images from 2002 to 2019 are enclosed as Annexure-9.*

**RECOMMENDATION:**

*Based on the above observations, it is evidenced that there is no impact on the water bodies, on the surrounding environment and also on the human habitation, it is therefore the EC maybe granted.*



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The SEAC examined the report of the Sub-Committee and observed that the nearest village exits at a distance of 0.2 km from the industry. However, the SEAC considered the project as the industry is already existing and present proposal is for expansion.

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

<b>Agenda Item No. 44</b>	<b>M/s. Balaji Formulations Private Limited, Unit - IV, Sy.No: 208/35, 312/26 AA, Ramlingampally (V), Bommalararamam (M), Yadadri- Bhuvanagiri District – Environmental Clearance – Reg.</b>
<b>Proposal No.</b>	<b>SIA/TG/IND2/157558/2020 (EC)</b>

Earlier, the SEAC in its meeting held on 31.07.2020 constituted a Sub-Committee Members to inspect the unit, verify records and submit a report.

The Sub-Committee constituted by the SEAC inspected the site on 24.10.2020 and submitted the report. The following observations were made by the sub-committee members:

*Members travelled to M/s. Balaji Formulations private Limited, unit-IV Sy. No 208/35, 312/26 AA, Ramlingampally (V), Bommalararamam (M), Yadadri (D), Telangana along with the Proponent to inspect the unit, verify records and submit a report. The proponent showed the records pertinent to the previous product and described about the site*

	<b>To Verify the issues</b>	<b>Observations</b>
1	<i>Distance from Patancheru and Bolaram industrial area</i>	<i>M/s. Balaji Formulations private Limited, unit-IV Sy. No 208/35, 312/26 AA, Ramlingampally (V), Bommalararamam (M), Yadadri (D), Telangana and is located at Gundrampalli area at a distance of more than 75 Km from the Patancheru and Bollaram Industrial Areas. Nearest Habitation is Ankireddipalli -0.73 Kms (S)). There are 10 reserve forests in 10 Kms radius and the nearest reserve forest is Keshavpur RF-0.75 Kms (NW), and water bodies in 10 Kms radius are Ramalingampalli Tank- 0.97 Kms (SE), Keshavpur Cheruvu-1.83 Kms (SE), Yadagiripalli Tank – 4.18 Kms (SW)</i>
2	<i>Project modification</i>	<i>M/s. Balaji Formulations private Limited, unit-IV Sy. No 208/35, 312/26 AA, Ramlingampally (V), Bommalararamam (M), Yadadri (D), Telangana Balaji Formulations Private Limited, Unit-IV is located at Sy. No 208/35, 312/26 AA, Ramlingampally (V), Bommalararamam (M), Yadadri (D), Telangana. The unit is currently operating crusher in the proposed site. It is now proposed to utilize this land for establishment of Bulk drugs and drug intermediates unit. Once the pharma unit obtains necessary permissions the unit will stop the operations of the crusher. Total The company proposed to manufacture Bulk drugs and drug intermediates with a production capacity of 400.3 TPM.</i>
3	<i>Project cost</i>	<i>The unit is proposing to invest amount of Rs.20.0 Crores towards proposed project. In the proposed amount of Rs. 20.0 crores an amount of Rs. 4.0 crores is towards EMP Budget.</i>
4	<i>ZLD System &amp; its adequacy</i>	<i>The proponent is proposing to establish MEE of 150 KLD capacity and ETP of 150 KLD capacity. The system is quiet Adequate</i>
5	<i>ETP modifications</i>	<i>The Effluent management system is developed to ensure 'Zero Liquid Discharge'. Segregation of effluents is an integral part that facilitates effective treatment of various effluent streams. The effluents are segregated into two streams; High COD/ TDS and Low COD/ TDS streams. Effluent generated from process, washings, scrubbers and rejects from RO/DM are considered as HTDS while utility blow downs and domestic</i>

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		<p><b>The High TDS/ COD Effluents</b></p> <p>The treatment system for treating High TDS / COD effluents consists of Equalization, Neutralization, Settling tank, Stripper, Multiple Effect Evaporator (MEE) followed by Agitated Thin Film Dryer (ATFD). The organic distillate from the stripper is sent to cement plants for co-incineration and aqueous bottom from stripper is sent to MEE followed by ATFD for evaporation. The condensate from the MEE and ATFD are sent to ETP (Biological). Salts from ATFD are disposed to TSDF.</p> <p><b>The Low TDS/ COD Effluents:</b></p> <p>These effluents along with the condensate from MEE and ATFD are treated in primary treatment consisting of equalization, neutralization, and primary sedimentation followed by secondary biological treatment consisting of aeration tank and clarifier.</p> <p>The treated effluents after biological treatment are subjected to tertiary treatment in a reverse osmosis (Double Stage RO) system. Permeate from RO is reused for cooling tower make-up and rejects are sent to MEE followed by ATFD. Sludge from various units of Biological treatment are thickened in sludge handling system and sent to TSDF.</p> <p>Capacity of ZLD system after expansion is mentioned in below  <b>It is proposed to establish Stripper, MEE and ATFD with a capacity of 150 KLD and Biological ETP &amp; RO with a capacity of 150 KLD.</b></p>
6	Products: Comparison of existing and proposed (which are going for expansion)	Comparison of Existing and Proposed products which are going for expansion is given in Appendix 1
7	Verification of production records for one year	Verified and found to be audited
8	Raw material : Comparison of existing and proposed (which are going for expansion)	Details of existing raw materials and proposed Raw Material are as described in EIA.
9	Solid waste: Comparison of existing and proposed (which are going for expansion)	Details of existing and proposed Solid waste are provided in Appendix 2
10	Impact on surroundings	<p><b>Water Pollution:</b> Total effluent generated include 150KLD. All these effluents will be treated in Zero Liquid Discharge System and treated wastewater reused for cooling towers make-up and scrubbers in addition of fresh water requirement. Hence impact on water usage is minimal and wastewater is negligible.</p> <p><b>Air Pollution:</b> It is proposed to establish additional coal fired boiler of capacity 1 x 6 TPH, 1 x 2.5 TPH 1 x 4 lakh Kcal THF to meet the steam requirement for process. Boilers are fitted with bag filters.</p> <p>The process emissions after scrubbing are sent to ETP. H<sub>2</sub>O and CO<sub>2</sub> are let out into atmosphere following a standard operating procedure.</p> <p>Two stage condensing system, scrubbers for process emissions and vacuum system for solvent distillation/recovery are proposed to mitigate diffuse emissions. Hence impact on air pollution is minimal.</p>

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		<p><b>Soil pollution:</b> All solid waste storage containers/drums/bags are labeled showing the source, nature of hazard and type of wastes. All the hazardous wastes are stored in a closed shed with fire safety measures, and the shed is provided with a leachate facility.</p> <p>Organic residues are sent to Cement plants for co-incineration. Mixed solvents, stripper distillate are sent to authorized recovery units/ Cement plants for co-incineration. Evaporation salts and ETP sludge are sent to TSDF and waste oil and used batteries are sent to authorize recyclers. . Hence impact on soil pollution is minimal</p>
1 1	<p>Applicability of S.O. 80 4(E), dt. 14.03.2017 &amp; S.O. 1030(E) dt. 08.03.2018 issued by the MoEF &amp; CC, GoI.</p>	<p>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.</p>
1 2	<p>Implementation of disaster management plan and safety measures in the exiting project and proposed expansion</p>	<p>The company has made alternate and stand by arrangements to meet the un foreseen disasters. Disaster management plan and safety measures submitted along with EMP report</p>
1 3	<p>Green belt development</p>	<p>M/s. Balaji Formulations private Limited, unit-IV Sy. No 208/35, 312/26 AA, Ramlingampally (V), Bommaramaram (M), Yadadri (D), Telanganas spread in an area of 4.05 Acres out of which green belt is proposed in 1.34 Acres (33%). The proposed one third of total area (~4.05 acre) covering the boundary of the site as part of environment management plan and proposed to increase density to enhance environmental quality through mitigation of fugitive emissions, attenuation of noise levels, balancing eco-environment, prevention of soil erosion, and creation of aesthetic environment</p>
1 4	<p>Compliance of Hon'ble NGT order dt 19.08.2019 (published on 23.08.2019) in QA No. 1038/2018 as per OM dt 31.10.2019 of the MOEF &amp; CC, GOI</p>	<p>A Self declaration need to be submitted by the proponent</p>

**Recommendations:**

*Impact of the expansion proposal of the project on the water body and surrounding environment is not affected. Environmental Clearance may be given to the project*

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

