



231st SEAC, A.P.

18.10.2023.



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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC),
ANDHRA PRADESH HELD ON 18.10.2023, AT VIJAYAWADA A.P.

Member Secretary
SEAC

MBS

Chairman
SEAC

Present: The following members were present. (Through hybrid mode Conference)

1.	Dr.G.V.R.SrinivasaRao, Professor, Civil Engineering Department, Andhra University, Visakhapatnam	Chairperson
2.	Dr.DineshSankar Reddy. Registrar(I/C), Professor of Chemical Engineering, NIT, Tadepalligudem, West Godavari	Member
3.	Prof. G. Gnana Mani, Retd., Professor of Zoology, Andhra University, Visakhapatnam.	Member
4.	Sri Matli. Chandra Sekhar Professor, Head of Department of Civil Engineering, NIT, Warangal.	Member
5.	Prof. C. Sasidhar, Professor, Civil Engineering Dept, JNTU, Anantapur	Member
6.	Prof. N. Siva Prasad Reddy, Director (Academics), Brindavan Institute of Technology & Science, Kurnool	Member
7.	Prof. K. ThyagaRaju, Professor, Department of Biochemistry, S.V.University, Tirupati.	Member
8.	Dr.M. Sunandana Reddy, Associate Professor, RGM College of Engineering & Technology (Autonomous), Nandyal.	Member
9.	Dr.Kiranmai, Assistant Professor, Dept. of Biotechnology, VikramaSimhapuri University, Nellore, SPSR Nellore District	Member
10.	Prof. D. Bharathi, Professor, Dept. of Bio Sciences & Sericulture, Sri Padmavathi Mahila Viswa Vidhyalayam, Tirupati	Member
11.	Dr. G. Madhavi, Associate Professor, Department of Chemistry, Sri Venkateswara University, Tirupati	Member
12.	Dr.Gummalla Prasanthi, Professor, Vijaya Institute of Pharmaceutical Sciences, Vijayawada	Member
13.	Prof. U. Shameem. Chairman, Dept. of Zoology, Andhra University, Visakhapatnam	Member
14.	Sri. N. V Bhaskara Rao, Chief Environmental Engineer, Andhra Pradesh Pollution Control Board. Vijayawada.	Member Secretary.


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Agenda Item No: 231.01	13.665 Ha Mining of Road Metal, Building Stone & Gravel of M/S BSCPL INFRASTRUCTURE LTD, at Sy. No. 28/PART of Maneela Village, Ananthapuramu Mandal, Ananthapuramu District, Andhra Pradesh- Environmental Clearance - Reg. Category: B2 at par with B1 (Minor mineral)
SIA/AP/ MIN/435 682/202 3	<p>The proposed project is for mining of Road Metal, Building Stone & Gravel in an area of 13.665 Ha. with a proposed production quantity of Road Metal & Building Stone - 3,36,026 m³/annum and Gravel- 58,830 m³/annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The representative of proponent and their consultant, M/s. VVN TECHNOLOGIES PVT. LTD have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <ol style="list-style-type: none">The Department of Mines and Geology submitted DSR of erstwhile Ananthapur District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine.The project proponent has obtained LOI vide order dt.20.07.2020 and the same was extended by the Mining Department vide order dt. 07.08.2023 with a validity upto 19.07.2025.As per the approved mining plan dt. 29.07.2020, the total provided mineral reserves are 53,08,757 m³ of Road metal and building stone & 4,04,340 m³ of Gravel. The proponent proposed to excavate Road Metal & Building Stone - 336026 m³/annum Gravel - 58830 m³/annum and Life of the mine is 16years.The project proponent has obtained standard TOR with public hearing on 18.12.2020 and Public hearing was held on 02.06.2023.Issues raised in the Public Hearing: water sprinkling issues, blasting issues, crop damages issues, damages to bore wells, dust nuisance to agricultural lands, dumping of the waste in the check dam and employment issues are the main issues raised during the public hearing.Response from the management during the Public Hearing: Sri Sundariah Representative of M/s. BSCPL Infrastructure Ltd informed that the management will take all precautionary measures to control dust pollution from the mining activity. He assured that they will develop greenbelt along the boundary of mine lease area and also water sprinkling along the haulage roads to control dust emissions. He also assured that they will adopt controlled sequential blasting to control Noise and vibrations from the blasting operations. He assured that they will provide prior intimation about blasting activity to the surrounding farmers, and shepherd etc.The base line data was collected from Oct 2022 to Dec 2022 and the predominant wind direction is observed to be NE to SW. The maximum concentration of SPM(PM₁₀) is observed to be 62.8 $\mu\text{g}/\text{m}^3$. The incremental concentration is 6.83 $\mu\text{g}/\text{m}^3$ and GLC of SPM will falls within mine lease area.The proponent volunteered to provide Water treatment plant to the Maneelavillage as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.The SEAC noted that the District Revenue officer & Additional District Magistrate, Ananthapuram District during the public hearing directed the joint team of Tahasildar, EE PCB, AD mines & Geology and DD, DAWMA to verify the objections raised


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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P., HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

	<p>regarding the dumping of the waste in the check dam and encroachment of land by the unit. The SEAC enquired with the project proponent regarding this report, observations of the joint committee. The project proponent has not submitted joint team report.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs, EIA report, PH minutes and detailed deliberations, recommended to raise ADS for submission of report of the joint committee of Tahasildar, EE PCB, AD mines & Geology and DD, DAWMA and also to constitute a subcommittee with the following members 1) Prof. C. Shasidhar 2) Dr. Kiranmai, and 3) Dr. M. Sunandana Reddy to visit site and to verify the objections raised in the public hearing.</p>
Agenda Item No: 231.02	5.623 Ha Mining of Road Metal, Building Stone & Gravel of M/S BSCPL INFRASTRUCTURE LTD, at Sy. No. 28 of Maneela Village, Ananthapuramu Mandal, Ananthapuramu District, Andhra Pradesh- Environmental Clearance - Reg.
SIA/AP/ MIN/435 725/202 3	<p>Category: B2 at par with B1 (Minor mineral)</p> <p>The proposed project is for mining of Road Metal, Building Stone & Gravel in an area of 5.623 Ha. with a proposed production quantity of Road Metal & Building Stone - 63,749 m³/annum & Gravel - 87,411 m³/annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The representative of proponent and their consultant, M/s. VVN TECHNOLOGIES PVT. LTD have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <ol style="list-style-type: none">The Department of Mines and Geology submitted DSR of erstwhile Ananthapur District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine.The project proponent has obtained LOI vide order dt.16.03.2021 and the same was extended by the Mining Department vide order dt.24.07.2023 with a validity upto 14.03.2024.As per the approved mining plan dt.26.03.2021, the total provided mineral reserves are 114848³ m³ of Road metal and building stone & 579291 m³ of Gravel. The proponent proposed to excavate Road Metal & Building Stone - 63749 m³/annum Gravel - 87441 m³/annum and Life of the mine is 10 years.The project proponent has obtained standard TOR with public hearing on 18.12.2020 and Public hearing was held on 02.06.2023.Issues raised in the Public Hearing: water sprinkling issues, blasting issues, crop damages issues, damages to bore wells, dust nuisance to agricultural lands, dumping of the waste in the check dam and employment issues are the main issues raised during the public hearing.Response from the management during the Public Hearing: Sri Sundariah Representative of M/s. BSCPL Infrastructure Ltd informed that the management will take all precautionary measures to control dust pollution from the mining activity. He assured that they will develop greenbelt along the boundary of mine lease area and also water sprinkling along the haulage roads to control dust emissions. He also assured that they will adopt controlled sequential blasting to control Noise and


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vibrations from the blasting operations. He assured that they will provide prior intimation about blasting activity to the surrounding farmers, and shepherd etc.

- g) The base line data was collected from Oct 2022 to Dec 2022 and the predominant wind direction is observed to be NE to SW. The maximum concentration of SPM(PM10) is observed to be 62.8 µg/m³. The incremental concentration is 6.83 µg/m³ and GLC of SPM will falls within mine lease area.
- h) The proponent volunteered to provide Water treatment plant to the Maneelavillage as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- i) The SEAC noted that the District Revenue officer & Additional District Magistrate, Anathapuram District during the public hearing directed the joint team of Tahasildar, EE PCB, AD mines & Geology and DD, DAWMA to verify the objections raised regarding the dumping of the waste in the check dam and encroachment of land by the unit. The SEAC enquired with the project proponent regarding this report, observations of the joint committee. The project proponent has not submitted joint team report.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs, EIA report, PH minutes and detailed deliberations, recommended to **raise ADS** for submission of report of the joint committee of Tahasildar, EE PCB, AD mines & Geology and DD, DAWMA and also to constitute a subcommittee with the following members 1) Prof. C. Shasidhar 2) Dr.Kiranmai, and 3) Dr. M. Sunandana Reddy to visit site and to verify the objections raised in the public hearing.

Agenda Item No: 231.03 **1.00 Ha Mining of Road Metal & Building Stone of Sri P. Srinivas, at Sy. No. 01, Marturu Village, Anakapalli Mandal, Visakhapatnam District, Andhra Pradesh - Environmental Clearance - Reg.**

SIA/AP/ MIN/433 400/202 3 **Category: B2 at par with B1 (Minor mineral)**

The proposed project is for mining of **Road Metal & Building Stone** in an area of **1.00 Ha.** with a proposed production quantity of **Road Metal & Building stone - 50,669 m³/annum** with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.

The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤250 ha of mining lease area in respect of non-coal mine lease).

The project proponent and their consultant, M/s. Hubert Enviro Care Systems Private Limited, Chennai have attended the meeting and presented their proposal. The SEAC Committee noted that:

- a) The Department of Mines and Geology submitted DSR of erstwhile Visakhapatnam District and the same was reviewed in the SEAC meeting. The present mine lease details are mentioned at S.No. 154 of page No. 205 in the DSR.
- b) As per the approved mining plan dt.18.05.2022, the total provided mineral reserves are 1,88,118 m³. The proponent proposed to excavate **Road Metal & Building stone - 50,669 m³/annum** and Life of the mine is 3.71 years.
- c) This is an existing quarry and the project proponent vide proceedings dt. 03.12.2016 obtained granted order from the Mining Department and the same is valid up to 28.05.2024


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- d) The project proponent has obtained **violation** TOR with public hearing on 20.09.2022 and public hearing was held on 30.12.2022.
- e) Issues raised in the Public Hearing: No specific issues raised during the public hearing.
- f) **Response from the management during the Public Hearing:** Sri PVRS Surendra EIA Co-Ordinator Consultant from Hubert Envirocare Consultant Systems (HECS), on behalf of project proponent informed that project proponent committed to carryout planting of trees with CSR funds and implement pollution control measures in proposed mining project. He said that controlled sequential blasting will be adopted to control noise and vibrations.
- g) The base line data was collected from March 2022 to May 2022 and the predominant wind direction is observed to be SW. to NE The maximum concentration of SPM(PM10) is observed to be 68.91 µg/m³. The incremental concentration is 1.14 µg/m³ and GLC of SPM will falls within mine lease area.
- h) The project proponent allocated Rs. 11.21 Lakhs as capital cost and Rs. 4.85 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide Mini Ambulance and also to conduct health camps for every six months in Marturu village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- i) **S.O No 804 dt 14.03.2017 compliance:**
- Credible action was initiated vide CC No.597/2023 in the court of Jr Civil court Anakapalli and paid Rs. 75,000/ as per orders of the Hon'ble Court.
 - The project proponent has submitted affidavit dt.09.05.2023 stating that they will not repeat violation in future.
 - The project proponent submitted remediation and resource augmentation plan with a cost of Rs. 1,00,000/- and also submitted the acknowledged BG submitted at APPCB, Regional office, Visakhapatnam on 31.05.2023.
 - The project proponent has submitted production dispatch letter issued by DMG, (FAC) Anakapalli vide letter dt.10.05.2023.
 - The Penalty was calculated in compliance with SOP issued by MoEF&CC, Gol vide OM dt. 07.07.2021 and details are as follows:

S N o	Name of the mine	Proj ect cost in Rs.	Total produ ction during violati on period as report ed by minin g depart ment letter dt.10. 05.20 23	Turnov er during violatio n period in Rs as report ed by the mining depart ment vide letter dt.10.0 5.2023	1% of proje ct cost in Rs	0.25 % of turn over durin g viola tion perio d in Rs.	Total penal ty amo unt to be levie d as per OM 07.0 7.20 21 in Rs


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1.	Sri P. Srinivas	Rs. 20.0 Lakh s	5062 Cum	Rs. 3,90,45 0/-	Rs20, 000/ -	Rs.97 7/-	Rs. 20,9 77/-
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- vi. The project proponent has submitted the acknowledged payment of penalty amount of Rs. 21,000/- at APPCB Board Office Vijayawada on 01.06.2023.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications &OMs EIA report, PH minutes and detailed deliberations, **recommended to issue Environmental Clearance for mining of Road Metal & Building stone - 50,669 m³/annum** with following conditions:


1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
7. The project proponent shall not use village internal roads/ canal bund road for mineral transportation purpose.
8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
9. The project proponent shall comply with the promises/ Assurance made in PH minutes.
10. The project proponent shall construct RWH structures/ check dams in the surrounding area for percolation of rain water.
11. The project proponent shall adopt for controlled blasting as the habitation is about 450m.

Agenda Item No: 231.04 6.19 Ha Mining of Colour Granite of M/s. KRISHNA MERCHANTS PVT. LTD, at Sy. No. 27, Meelasathiwada (V) Tekkali (M), Srikakulam District, Andhra Pradesh - Environmental Clearance - Reg.

SIA/AP/ MIN/436 221/202 3 The project proponent and also their consultant have not attended the meeting and the committee recommend to raise ADS seeking reasons for not attending the meeting and also to place this case only after the project proponent request the SEAC to place their proposal in the SEAC meeting.

Agenda Item No: 231.05 4.23 Ha Mining of Colour Granite of M/s. KRISHNA MERCHANTS PVT. LTD, at Sy. No. 27, Meelasathiwada (V) Tekkali (M), Srikakulam District, Andhra Pradesh - Environmental Clearance - Reg.

SIA/AP/ MIN/436 The project proponent and also their consultant have not attended the meeting and the committee recommend to raise ADS seeking reasons for not attending the meeting and


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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

494/2023	also to place this case only after the project proponent request the SEAC to place their proposal in the SEAC meeting.
Agenda Item No: 231.06	7.252 Ha Mining of Black Galaxy Granite of M/s PEARL MINERAL AND MINES PVT. LTD., at Sy. No. 55/6B (P) R. L. Puram Village, Chimakurthy Mandal, Prakasam District, Andhra Pradesh - Expansion of Environmental Clearance - Reg.
SIA/AP/MIN/436/356/2023	Category: B2 at par with B1 (Minor mineral) The proposed project is for enhancement of mining of Black Galaxy Granite in an area of 7.252 Ha. with a proposed production quantity of Black Galaxy Granite from 42,000 m³ /annum to 73,445 m³ /annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan. The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease). The project of proponent and their consultant, M/s. SV Enviro Labs & Consultants have attended the meeting and presented their proposal. The SEAC Committee noted that: a) The Department of Mines and Geology submitted DSR of erstwhile Prakasam District and the same was reviewed in the SEAC meeting. The present mine lease details are mentioned at S.No. 89 of page No. 109 in the DSR. b) The Mining Department vide proceeding dt. 10.01.2021 executed the lease deed for period up to 14.07.2027. c) The project proponent has obtained Environmental Clearance order vide Lr. No: SEIAA/AP/PKM-167/2013 dated 08.10.2015 for the production capacity of 42,000 m ³ /annum of Black Galaxy Granite and is valid up to 07.10.2026. d) The project proponent has furnished Certified compliance report form APPCB, Vijayawada vide letter dt.27.11.2020. e) As per the approved mining plan dt.31.03.2022, the total provided mineral reserves are 9,49,222 m ³ . The proponent proposed to enhance the excavation of Black Galaxy Granite from 42,000 m ³ /annum to 73,445 m ³ /annum and Life of the mine is 14.62 years. f) The project proponent obtained standard TOR with public hearing on 18.12.2020 and also obtained TOR corrigendum on 30.09.2022. and public hearing was held on 30.05.2023. g) Issues raised in the Public Hearing: Construction of hospital in the area is the specific point raised during the public hearing. h) Response from the management during the Public Hearing: Sri ChSrinivasa Rao, Director, M/s. Pearl Minerals & Mines Private Limited informed that permissions will be obtained from the concerned Government Departments. He assured the opinions of the villagers will be taken into consideration and fulfilled. He assured that after the commencement of enhancement of the production capacity, the mining activity will be carried out duly taking all the measures to control the incremental increase in pollution; and safeguard the environment. He assured that they will support the greenbelt development extensively. i) The base line data was collected from March 2021 to May 2021 and the predominant wind direction is observed to be SE. to NW. The maximum concentration of SPM(PM10) is observed to be 77 $\mu\text{g}/\text{m}^3$. The incremental concentration is 6.81 $\mu\text{g}/\text{m}^3$ and GLC of SPM will falls within mine lease area. j) The project proponent allocated Rs. 22.7 Lakhs as capital cost and Rs. 6.10 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to Contribution of


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funds for the construction of hospital in the area which has been proposed by APMD in Chimakurthy as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs and detailed deliberations, **recommended to issue Environmental Clearance** for enhancement production capacity of **Black Galaxy Granite** from **42,000 m³ /annum to 73,445 m³ /annum** with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.
8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
9. The project proponent shall comply with the promises/ Assurance made in PH minutes.
10. The project proponent shall allocate 1.50 Ha of additional land for Granite waste disposal.

Agenda Item No: 231.07 **5.569 Ha Mining of Black Galaxy Granite of M/s GEM GRANITES PRIVATE LIMITED, at Sy. No. 53/2 & 105/1,2,3 R. L. Puram Village, Chimakurthy Mandal, Prakasam District, Andhra Pradesh - Environmental Clearance - Reg.**

SIA/AP/ MIN/436 685/202 3 **Category: B2 at par with B1 (Minor mineral)**

The proposed project is for mining of enhancement of **Black Galaxy Granite** in an area of **5.569 Ha.** with a proposed production quantity of **Black Galaxy Granite from 4,234 m³ /Annum to 18,402 m³ /Annum** with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.

The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).

The project of proponent and their consultant, M/s. SV Enviro Labs & Consultants have attended the meeting and presented their proposal. The SEAC Committee noted that:

- a) The Department of Mines and Geology submitted DSR of erstwhile Prakasam District and the same was reviewed in the SEAC meeting and The present mine lease details are mentioned at S.No. 31 of page No.99 in the DSR.
- b) The Mining Department vide proceeding dt.16.02.2022 executed the lease deed for period up to 13.02.2027.
- c) The project proponent obtained Environmental Clearance order vide Lr. No: SEIAA/AP/PKM-32/2013 dated 04.04.2013 for the production capacity of 4234 TPA


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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P., HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

- of Black Galaxy Granite and is valid up to 03.04.2033.
- d) The project proponent has furnished Certified compliance report form APPCB, Vijayawada vide letter dt. 20.11.2022.
 - e) As per the approved mining plan dt.24.05.2022, the total provided mineral reserves are 506092 m³. The proponent proposed to excavate **Black Galaxy Granite from 4234 m³ /Annum to 18402 m³ /Annum** and Life of the mine is 27 years.
 - f) The project proponent has obtained Standard TOR with public hearing 15.03.2023.
 - g) Issues raised in the Public Hearing: Construction of hospital in the area is the specific point raised during the public hearing.
 - h) **Response from the management during the Public Hearing:** Sri Maddala Prabhakar, Manager, M/s. Gem Granites Private Limited : He assured that they don't have any objection to provide employment, but they will provide the employment depending on the job qualifications. He informed that they have already planted 720 saplings to safeguard the environment, and they proposed to plant 550 saplings in the expansion.
 - i) The base line data was collected from march 2021 to May 2021 and the predominant wind direction is observed to be SE. to NW The maximum concentration of SPM(PM10) is observed to be 77 µg/m³. The incremental concentration is 6.81 µg/m³ and GLC of SPM will falls within mine lease area.
 - j) The project proponent allocated Rs. 13.1 Lakhs as capital cost and Rs. 6.52 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to Contribution of funds for the construction of hospital in the area which has been proposed by APMDC in Chimakurthyas a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs and detailed deliberations, **recommended to issue Environmental Clearance** for enhancement production capacity of **Black Galaxy Granite from 4,234 m³ /Annum to 18,402 m³ /Annum** with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.
8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
9. The project proponent shall comply with the promises/ Assurance made in PH minutes.
10. The project proponent shall allocate 1.50 Ha of additional land for Granite waste disposal.

Agenda Item No: 231.08 5.50 Ha Mining of Road Metal, Building Stone Quarry & Gravel of M/s ShakhthidarNirman, at Sy. No. 01, Pedaraopalli Village, Kothavalasa Mandal, Vizianagaram District, Andhra Pradesh - Environmental Clearance - Reg.


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Category: B2 at Par with B1.

The proposed project is for mining of **Road Metal, Building Stone Quarry & Gravel** in an area of **5.50 Ha.** with a proposed production capacity of **Road Metal, Building Stone-1,17,805 m³/annum & Gravel -29,451 m³/annum** with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.

The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).

The proponent of the project and their consultant, M/s. Hubert Enviro Care Systems Private Limited, Chennai have attended the meeting and presented the case. The SEAC committee noted that:

- a) The Department of Mines and Geology submitted DSR of erstwhile Vizianagaram District and the same was reviewed in the SEAC meeting and the present mine lease details are mentioned at S.No. 171 of page No. 104 in the DSR.
- b) The Mining Department vide proceeding dt.01.06.2023 issued LOI for a period of 10 years with a condition to submit approved Mining plan, EC and CTE from APPCB within in a period of one year.
- c) As per the approved mining plan dt.24.07.2023, the total provided mineral reserves are 12,77,720 m³. The proponent proposed to excavate **1,47,256 m³/annum** and Life of the mine is 8.6 years.
- d) The project proponent has obtained violation TOR with public hearing 26.04.2022 and public hearing was held on 07.09.2022.
- e) Public Hearing: Road Damages, blasting issues and employment issues are the main issues raised during the public hearing.
- f) Response from the management during the Public Hearing: Sri PVRS Surendra Consultant, informed that they will carry out controlled blasting as per the norms, will not cause any problem to the villagers and will include the suggestions in the final EIA which will be submitted to SEIAA and will consider all the remaining suggestions given by the participants and requested the villagers to support them.
- g) The base line data was collected from Nov 2021 to January 2022 and the predominant wind direction is observed to be NE. to SW. The maximum concentration of SPM(PM10) is observed to be 59.4 $\mu\text{g}/\text{m}^3$. The incremental concentration is 2.17 $\mu\text{g}/\text{m}^3$ and GLC of SPM will falls at a distance of 0.42 Km towards SW direction of the mine lease area.
- h) The project proponent allocated Rs. 13.0 Lakhs as capital cost and Rs. 5.2 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant/ Health camps to the Pedaraopalli village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- i) **S.O No 804 dt 14.03.2017 compliance:**
 - i. Credible action was initiated vide CC No.36/2023 in the court of Jr Civil court Kothavalasa.
 - ii. The project proponent has submitted affidavit dt.05.07.2023 stating that they will not to repeat violation in future.
 - iii. The project proponent submitted remediation and resource augmentation plan with a cost of Rs. 1,00,000/- and also submitted the acknowledged BG submitted at APPCB, Regional office, Vizianagaram on 04.08.2023.
 - iv. The project proponent has submitted production dispatch letter issued by


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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

ADMG, (FAC) Vizianagram vide letter dt.13.03.2023.

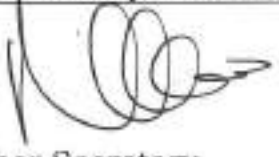
- v. The Penalty was calculated in compliance with SOP issued by MoEF&CCGoI vide OM dt. 07.07.2021 and details are as follows:

S N o	Name of the mine	Proj ect cost in Rs.	Total produ ction during violati on period as report ed by minin g depart ment letter dt.13. 03.20 23	Turnov er during violatio n period in Rs as report ed by the mining depart ment vide letter dt.13.0 3.2023	1% of proje ct cost in Rs	0.25 % of turn over durin g viola tion perio d in Rs.	Total penal ty amo unt to be levie d as per OM 07.0 7.20 21 in Rs
1.	M/s ShakthidarNirma nas	Rs. 60,0 0,00 0/-	33,12 8 Cum (in cludes both road metal & Gravel)	Rs. 46,07,4 00/-	Rs60, 000/ -	Rs. 1151 9/-	Rs. 71,5 19/-

- vi. The project proponent has submitted the acknowledged payment of penalty amount of Rs. 72,000/- at APPCB Board Office Vijayawada on 06.07.2023.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & Oms, EIA report, PH minutes and detailed deliberations, **recommended to issue Environmental Clearance** for mining of **Road Metal, Building Stone- 1,17,805 m³/annum & Gravel -29,451 m³/annum** of production capacity with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.


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	<ol style="list-style-type: none">4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall adopt for controlled blasting.10. The project proponent shall maintain village road along with cluster partners.11. The project proponent shall comply with the assurance/ promises made in the Public hearing.
Agenda Item No: 231.09	5.50 Ha Mining of Road Metal, Building Stone Quarry & Gravel of Sri. R.V.V. Satyanarayana Raju, at Sy. No. 01, Pedaraopalli Village, Kothavalasa Mandal, Vizianagaram District, Andhra Pradesh - Environmental Clearance - Reg.
SIA/AP/ MIN/443 615/202 3	<p>Category: B2 at Par with B1.</p> <p>The proposed project is for mining of Road Metal, Building Stone Quarry & Gravel in an area of 5.50 Ha. with a proposed production capacity of Road Metal, Building Stone - 1,25,631 m³/annum & Gravel - 53,843 m³/annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The proponent of the project and their consultant, M/s. Hubert Enviro Care Systems Private Limited, Chennai have attended the meeting and presented the case. The SEAC committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of erstwhile Vizianagaram District and the same was reviewed in the SEAC meeting. The present mine lease details are mentioned at S.No. 169 of page No 104 in the DSR.b) The Mining Department vide proceeding dt. 20.06.2017 executed the lease deed for period up to 11.06.2027.c) As per the approved mining plan dt.22.06.2022, the total provided mineral reserves are 14,43,977 m³. The proponent proposed to excavate Road Metal, Building Stone - 1,25,631 m³ per Annum Gravel - 53,843 m³/annum and Life of the mine is 12 years.d) The project proponent has obtained violation TOR with public hearing 26.04.2022 and public hearing was held on 07.09.2022.e) Issues raised in the Public Hearing: Road Damages, blasting issues and employment issues are the main issues raised during the public hearing.f) Response from the management during the Public Hearing: Sri PVRs Surendra Consultant, clarified that they have taken 8 samples in 10 km radius in the surrounding villages and incorporated the results of air/noise/ground water surface water soil samples in EIA, which are below the standards. The proponent agreed to repair 100m road and carry out plantation along the roads and will consider all the remaining suggestions given by the participants and requested the villagers to support them.


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- g) The base line data was collected from Nov 2021 to January 2022 and the predominant wind direction is observed to be NE. to SW. The maximum concentration of SPM(PM₁₀) is observed to be 59.4 µg/m³. The incremental concentration is 2.17 µg/m³ and GLC of SPM will falls at a distance of 0.42 Km towards SW direction of the mine lease area.
- h) The project proponent allocated Rs. 14.0 Lakhs as capital cost and Rs. 7.0 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant/ Health camps to the Pedaraopalli village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- i) **S.O No 804 dt 14.03.2017 compliance:**
- Credible action was initiated vide CC No.37/2023 in the court of Jr Civil court Kothavalasa.
 - The project proponent has submitted affidavit dt.13.06. stating that they will not to repeat violation in future.
 - The project proponent submitted remediation and resource augmentation plan with a cost of Rs. 4,00,000/- and also submitted the acknowledged BG submitted at APPCB, Regional office, Vizianagaram on 04.08.2023.
 - The project proponent has submitted production dispatch letter issued by ADMG, (FAC) Vizianagram vide letter dt. 15.03.2023.
 - The Penalty was calculated in compliance with SOP issued by MoEF&CCGoI vide OM dt. 07.07.2021 and details are as follows:

S N o	Name of the mine	Proj ect cost in Rs.	Total produ ction during violati on period as report ed by minin g depart ment letter dt. 15.03. 2023	Turnov er during violatio n period in Rs as report ed by the mining depart ment vide letter dt. 15.03.2 023	1% of proje ct cost in Rs	0.25 % of turn over durin g viola tion perio d in Rs.	Total penal ty amo unt to be levie d as per OM 07.0 7.20 21 in Rs
1.	Sri. R.V.V. Satyanarayana Raju	Rs. 60,0 0,00 0/-	23225 2 Cum (inclu ding road meatal and	Rs. 3,30,12 ,200/-	Rs 60,0 00/-	Rs. 8253 0/-	Rs. 1,42, 530/-


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gravel
)

- vi. The project proponent has submitted the acknowledged payment of penalty amount of Rs. 1,43,000/- at APPCB Board Office Vijayawada on 06.07.2023.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & Oms, EIA report, PH minutes and detailed deliberations, **recommended to issue Environmental Clearance for Mining of Road Metal, Building Stone - 1,25,631 m³/annum & Gravel - 53,843 m³/annum** with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.
2. The project proponent shall develop avenue plantation on either side of the road along with the cluster partners.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.
8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
9. The project proponent shall adopt for controlled blasting.
10. The project proponent shall maintain village road along with cluster partners.
11. The project proponent shall comply with the assurance/ promises made in the Public hearing.

Agenda Item No: 231.10 **10.0 Ha Mining of Colour Granite of Sri Ch. Srinivas Kumar, at Sy. No. 13, Dabbaguda (V), Meliaputti(M), Srikakulam District, Andhra Pradesh - Environmental Clearance - Reg.**

SIA/AP/
MIN/436
024/202
3
Category: B2 at Par with B1.

The proposed project is for mining of Colour Granite in an area of 10.0 Ha with a proposed production capacity of Colour Granite - 9600 m³/Annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.

The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (<250 ha of mining lease area in respect of non-coal mine lease).

The proponent of the project and their consultant, M/s. SV Enviro Labs & Consultants have attended the meeting and presented the case. The SEAC committee noted that:


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- a) The Department of Mines and Geology submitted DSR of erstwhile Srikakulam District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine.
- b) As per the approved mining plan dt.19.03.2016, the total provided mineral reserves are 3,07,310 m³. The proponent proposed to excavate Colour Granite - 9,600 m³/Annum and Life of the mine is 31 years.
- c) The project proponent has obtained Standard TOR with public hearing on 13.10.2022 and public hearing was held on 02.06.2023.
- d) Issues raised in the Public Hearing: Tree cutting issues, crop damages, D. Patta will be affected, CSR, water problems and road issues are the specific issues raised during the public hearing.
- e) Response from the management during the Public Hearing: Shri Ch Srinivas Kumar, Lease Holder thanked the participants and nearby villagers for expressing their opinions and supporting the mine, and clarified the following points raised by the Public:
 - He informed people that the operation would be performed with wire saws rather than chemical powder. He will build a berm to prevent falling stones from the hill, and the temples will be fenced in. During operation of the quarry, one RO plant will be provided at the common point.
 - Assured that locals will be hired on the basis of their skills. Development activity will be undertaken in response to local demand, and the quarry will be operated complying with all government regulations.
 - Rainwater tanks near the quarry leasing area will not be disturbed at any cost.
- f) The base line data was collected from March 2022 to May 2022 and the predominant wind direction is observed to be SW, to NE. The maximum concentration of SPM(PM10) is observed to be 5984 µg/m³. The incremental concentration is 2.17 µg/m³ and GLC of SPM will fall at a distance of 5.39 Km towards NE direction of the mine lease area.
- g) The project proponent allocated Rs. 13.5 Lakhs as capital cost and Rs. 6.96 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant/ Health camps to the Chintala Poluru village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.

This proposal was appraised with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
5. The proponent shall carry out suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
7. The project proponent shall not use village road for mineral transportation purpose.
8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
9. The project proponent shall protect existing water pond nearby proposed quarry.


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	<p>10. The project proponent shall not disturb surrounding agricultural lands. 11. The project proponent shall acquire 2.0 Ha of additional land for waste disposal. 12. The project proponent shall develop green belt in 1:2 ratio. 13. The project proponent shall maintain village road. 14. The project proponent shall comply with the assurance/ promises made in the public hearing.</p> <p>The committee observed that Letter of Intent (LOI) Extension is valid upto 19.11.2022 and also approved Mining plan dt. 19.03.2016 is valid upto 18.03.2021 was expired. Hence committee recommended to raise ADS for submission of LOI extension and revised Mining scheme or approved mining scheme from Mines and Geology Department.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs and detailed deliberations raise ADS for submission of LOI extension and revised Mining scheme or approved mining scheme from Mines and Geology Department.</p>
Agenda Item No: 231.11	1.611 Ha Mining of Quartz mine of M/s. Monnet Mining Company Pvt Ltd, at Sy No. 343/2, 344/3 & 3444/3A of Namassivayapuram Village, Kurichedu Mandal, Prakasam District, Andhra Pradesh - Environmental Clearance - Reg.
SIA/AP/ MIN/438 276/202 3	<p>Category: B2 at Par with B1.</p> <p>The proposed project is for mining of Quartz in an area of 1.611 Ha with a proposed production capacity of Quartz- 60,000 TPA with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The proponent of the project and their consultant, M/s. Pragathi Labs & Consultants Pvt. Ltd have attended the meeting and presented the case. The SEAC committee noted that:</p> <ol style="list-style-type: none">The Department of Mines and Geology submitted DSR of erstwhile Prakasam District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine.The Mining Department vide proceeding dt. 22.06.2023 issued LOI for a period of 20 years with a condition to submit approved Mining plan, EC and CTE from APPCB within in a period of three years.As per the approved mining plan dt.14.07.2023, the total provided mineral reserves are 4,82,304 T. The proponent proposed to excavate 60,000 TPA and Life of the mine is 8.03 years.The Committee noted that as per the cluster letter issued by the Divisional Mines & Geology Officer, Markapur, vide Letter dated: 21.07.2023, there are no existing quarry leases issued within the radius of 500 mtrs area. The total cluster area is < 5.0 Ha.The project proponent allocated Rs. 5.0 Lakhs as capital cost and Rs. 3.54 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide 5 No of Sewing machines to women in Namassivayapuram village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine. <p>The Committee after examining the project proposals, presentations, mining plan,</p>


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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P., HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

	<p>MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Environmental Clearance for mining of Quartz - 60,000 TPA with following conditions:</p> <ol style="list-style-type: none">1. The proponent shall comply with the proposals furnished in the Environmental management plan.2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall acquire 0.5 Ha of additional land for waste disposal. Waste should not be dumped outside the lease area.10. The project proponent shall adopt controlled blasting method.
Agenda Item No: 231.12	1.728 Ha Mining of Road Metal, Building stone and Gravel of M/s. Sri VenkataNarasimha Industries Private Limited, at Sy.No.7/2 of P.V.Puram Village, Satyaveedu Mandal, Tirupati District, Andhra Pradesh - Environmental Clearance - Reg.
SIA/AP/ MIN/436 004/202 3	<p>Category: B2 (Minor mineral)</p> <p>The proposed project is for mining of Road metal, Building stone and Gravel in an area of 1.728 Ha. with a proposed production quantity of Road Metal 28,871 m³/Annum & Gravel 6,175 m³/Annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The representative of proponent and their consultant, M/s. Ampl Environ Private Limited, Hyderabad, have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of erstwhile Nellore District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine.b) The Mining Department vide proceeding dt.27.07.2023 issued LOI for a period of 10 years with a condition to submit approved Mining plan, EC and CTE from APPCB within in a period of three years.c) As per the approved mining plan dt.08.09.2023, the total provided mineral reserves are 2,98,188 m³ of Road meatal and Building stone and 41800 M3. The proponent proposed to excavate Road Metal 28,871 cum per annum Gravel 6,175 cum per annum and Life of the mine is 10 years.d) The Committee noted that as per the cluster letter issued by the District Mines & Geology Officer, Tirupathi, vide Letter dated: 03.08.2023, there are 08 existing quarry leases within the radius of 500 mtrs area. The total cluster area is <5.0 Ha and also obtained LOI on 27.07.2023.


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- e) The ThipurnThakapuram RF is about 400m to the proposed mine lease area. The project proponent has furnished Forest NOC dt. 06.10.2023.
- f) The project proponent allocated Rs. 18.20 Lakhs as capital cost and Rs. 5.07 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant to the PV Pram village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs and detailed deliberations, **recommended to issue Environmental Clearance** for mining of **Road Metal 28,871 m³/Annum & Gravel 6,175 m³/Annum** with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan.
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
7. The project proponent shall not use village road for mineral transportation purpose.
8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
9. The project proponent shall maintain road buffer towards Western side.
10. The project proponent shall adopt for controlled blasting as the habitation is about 260m.
11. The project proponent shall comply conditions stipulated in the Forest NOC.
12. The project proponent shall not operate mining operations after 6.00 PM.

Agenda Item No: 231.13 **1.619 Ha Mining of Road metal of M/s Sri Srinivasa Stone Crusher, at Survey No.: 801 Paritala Village, Kanchikacherla Mandal, NTR District (Erstwhile Krishna District), Andhra Pradesh - TOR Violation - Reg.**

SIA/AP/ MIN/443 387/202 3 **Category: B2 at par with B1 (Minor Mineral).**

The proposed project is for mining of **Road Metal** in an area of **1.619 Ha.** of production capacity of **Road Metal - 2,01,255 m³/annum** with a condition that total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.

The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).

The representative of the project and their consultant, M/s. Hubert Enviro Care Systems (P) Ltd, Chennai have attended the meeting and presented the proposal. The committee noted that:

- a) The Department of Mines and Geology submitted DSR of erstwhile Krishna District. The same is reviewed in the SEAC meeting and the present mine lease details are mentioned at S.No. 40 of page No.92 in the DSR.
- b) As per the approved mining plan dt.20.06.2022, the total provided mineral reserves


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are 402510 m³. The proponent proposed to excavate **Road Metal - 2,01,255 m³/annum** and Life of the mine is 2.0 years.

- c) The Committee noted that as per the cluster letter issued by the District Mines & Geology Officer, NTR District, Vijayawada vide Letter dated: 25.08.2023, there are 18 existing quarry lease within the radius of 500 mtrs area. **The total cluster area is < 5.0 Ha.**
- d) This is an existing lease area and obtained work order on 16.03.2012 which is valid for a period up to 19.12.2026.
- e) The Hon'ble Supreme Court vide order dated the 27th February, 2012 in I.A. No.12-13 of 2011 in Special Leave Petition (Civil) No.19628-19629 of 2009, in the matter of Deepak Kumar etc. Vs. State of Haryana and Others etc., prior environmental clearance has now become mandatory for mining of minor minerals and the Central Government has published notification number S.O.141(E), dated the 15th January, 2016 making prior environment clearance mandatory for all minerals (major as well as minor) irrespective of size of the mine lease.
- f) NGT order in OA No 136 of 2017 (SZ) : So under these circumstances, the application can be disposed of, giving the following directions: (i) The applications which are pending as on 31.3.2016 for Environment Clearance have to be treated as normal applications and not violation applications and the authorities are directed to dispose of those applications in accordance with law. 81 (ii) The persons who have not filed applications on or before 31.3.2016 and filed thereafter, can be treated as violation applications and the MoEF&CC /SEIAA is directed to dispose of those applications as violation cases in accordance with law. (iii) It is also made clear that all mining leases, either major or minor, even less than 5 hectares area, has to apply and get Environment Clearance as per the amended EIA Notification dated 15.1.2016. This will apply to the existing mining leases as well. The points are answered accordingly.
- g) The committee noted that the proponent operated mine after 2016 without obtaining environmental clearance as required under EIA notification 2006 after promulgation of S.O. 141 (E) dt 15.01.2016 and hence to be treated as identified violation case as per OM 07.07.2021.

The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OMs and detailed deliberations, recommended to **issue specific (Violation) Terms of Reference for mining of Road Metal - 2,01,255 m³/annum without Public Hearing** and with following additional conditions:

1. The project proponent shall prepare cluster EIA& EMP.
2. The project proponent shall submit photographs of existing greenbelt.
3. The project proponent shall provide Bar gates and Speed limit sign boards at vehicles entering the NH 65.
4. The project proponent shall prepare a plantation plan including no. of species and type of species and area of land allocated for greenbelt.
5. The project proponent shall submit surface runoff prevention measures plan.
6. The project proponent shall submit a transportation plan for mineral transportation.
7. The project proponent shall submit plan for Restoration of benches and buffer zone in remediation plan and the cost of restoration of benches and buffer zone should be included in Bank guarantee.
8. The proponent is liable to pay the penalties as levied by the concerned competent authority, as per the OM No.28.1.2022 and clause No 12 of SOP dated 07-07-2021, duly incorporating the total production during the violation period and submit the calculation of penalties based on the project cost and the total turnover during the violation period.
9. Credible action to be initiated through concerned Regional office, APPCB under


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	<p>section 15 read with section 19 of E(P) Act 1986.</p> <p>10. The project proponent shall carry assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants. The collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under Environment (Protection) Act, 1986, or an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of a Council of Scientific and Industrial Research institution working in the field of environment.</p> <p>11. The project proponent shall ensure implementation of Environmental Management Plan, comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefit derived due to violation.</p> <p>12. The project proponent will be required to submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board.</p> <p>13. The project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in writ petition (Civil) No.144 of 2014 in the matter of common cause verse union of India and Ors. The undertaking inter-alia includes commitment of the PP not to repeat any such violation in future.</p> <p>14. The project proponent shall submit proof of Bank Guarantee submission as per S.O.No.804 (E) dated 14.03.2017 and payment of penalty amount as per OM dated 07.07.2021.</p>
Agenda Item No: 231.14	2.996 Ha Mining of Road metal & Gravel of Sri Tammareddy Sasikanth, at survey number UN Surveyed Hill of Dharmavaram Village, Addanki Mandal, Prakasham District, Andhra Pradesh - EC - Reg.
SIA/AP/ MIN/435 869/202 3	The project proponent and also their consultant have not attended the meeting and the committee recommend to raise ADS seeking reasons for not attending the meeting and also to place this case only after the project proponent request the SEAC to place their proposal in the SEAC meeting.
Agenda Item No: 223.01 & 228.07 & 231.15	2.00 Ha. Mining of Road Metal, Building Stone & Gravel of M/s. Ravitej Projects Private Limited, at Survey No: 01 Villages: Marturu Mandal: Anakapalli District: Anakapalli District (Erstwhile Visakhapatnam District) State: Andhra Pradesh - Environmental Clearance-EIA - Reg.
SIA/AP/ MIN/426 091/202 3	Category: B2 at par with B1 (Minor Mineral). The proposed project is for mining of Road Metal, building stone & Gravel in an area of 2.00 Ha with a proposed production capacity of 60,281 m ³ /annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan. The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease). The representative of the project and their consultant, M/s. HECS have attended the meeting and presented the case. The SEAC committee noted that:


Member Secretary
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Chairman
SEAC



MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P., HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

- a) The Department of Mines and Geology submitted DSR of erstwhile Visakhapatnam District. The same is reviewed in the SEAC meeting and the present mine lease details are mentioned at S.No 121 of Page No. 177 in the DSR.
- b) As per the approved mining plan, the total provided mineral reserves are **6,22,940m³**. The proponent proposed to excavate **60,281 m³/annum** and Life of the mine is 10.33 years.
- c) The project proponent has obtained violation TOR with Public hearing on 01.07.2022. The public hearing was held on 23.11.2022.
- d) Public Hearing Details:** There no specific issues raised in the public hearing.
- e) Reply of the proponent during the public hearing is as follows:** Sri. Gangadhar Rao, on behalf of M/s. Ravi Tej Projects Private Limited, informed that a meeting was conducted with villagers regarding road problems and requested lorry owners & transporters to carry movement of trucks along the road beside mine. He said that mining owners discuss with join Director, Mines to construct road along the mine. He said that wetting of the road carried out regularly and also provide jobs to local villagers to carryout wetting of the roads.
- f) The base line data was collected from Oct, 2021 to Dec, 2021 and the predominant wind direction is observed to be North East to South West. The maximum concentration of SPM is observed to be 68.91 $\mu\text{g}/\text{m}^3$. The incremental concentration is 1.72 $\mu\text{g}/\text{m}^3$ and GLC of SPM will fall at a distance of 0.42 Km towards South West direction from the mine lease area.
- g) The project proponent allocated Rs. 18.20 Lakhs as capital cost and Rs. 5.07 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide Garbage collection tractor to the Marturu village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- h) S.O No 804 dt 14.03.2017 compliance:**
- Credible action was initiated vide CC No 170/2023 in the court of Junior Civil courts of Anakapalli and paid an amount of Rs. 75,000/- on 11.02.2023.
 - The project proponent submitted undertaking on 10.03.2023 stating that the violation will not be repeated.
 - The project proponent has submitted remediation and resource augmentation plan with a cost of **Rs 3,10,000/-** and also uploaded the acknowledged BG submitted at APPCB, Regional office, Visakhapatnam on 31.03.2023.
 - The project proponent has submitted production dispatch letter issued by ADMG,(FAC) Anakapalli vide letter **dt.24.02.2023**.
 - The Penalty was calculated in compliance with SOP issued by MoEF&CCGoI vide OM dt. 07.07.2021 and details are as follows:


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SN o	Name of the mine	Project cost in Rs.	Total production during violation period as reported by mining department vide letter dated 31.12.22	Turnove r during violation period in Rs as reported by the mining departm ent vide letter dated 31.12.22	1% of proje ct cost in Rs	0.25 % of turn over during violati on period in Rs.	Total penalty amount to be levied as per OM 07.07.20 21 in Rs
1.	M/s. Ravitej Projects Private Limited. SIA/AP/M IN/42609 1/2023	Rs.30,0 0,000/-	Mining Road metal & Building stone - 6,08,616 m ³	Rs.4,94, 21,506 /-	Rs30 ,000 /-	Rs. 12355 4/-	Rs. 1,53,554 /-

vi. The project proponent has uploaded the acknowledged payment of penalty amount of **Rs.1,53,554/-** at APPCB Board Office Vijayawada on 15.03.2023.

- i) This proposal was placed in 223rd SEAC meeting and The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs, EIA report, PH minutes and detailed deliberations, **recommended to issue Environmental Clearance for Mining of Road Metal, building stone & Gravel-60,281 m³/annum** with following conditions:
1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.
 2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
 3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
 4. The project proponent shall carryout the mining with proper benches.
 5. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
 6. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
 7. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
 8. The project proponent shall not use village road for mineral transportation purpose.
 9. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
 10. The project proponent shall obtain buffer zone removal permission from Mines


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SEAC
MS


Chairman
SEAC



MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P., HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

	<p>and Geology Department.</p> <p>11. The project proponent shall comply assurance/ promises given in the public hearing.</p> <p>j) This proposal was placed before 221st SEIAA meeting and decision of SEIAA is as follows: "Refer to SEAC to calculate the penalty amount based on the project cost and turnover as per the ADM&G letter".</p> <p>k) Again, this proposal was placed in 228th SEAC meeting and recommended to raise ADS for submission of following: "The project proponent shall submit revised and latest production and dispatch details letter along with buffer zone removal permission letter from ADMG."</p> <p>l) Accordingly, the project proponent has submitted ADS reply furnishing latest production and dispatch details from District Mines and Geology officer, Anakapalli (FAC) letter dt. 04.10.2023 and also the District Mines & Geology officer (FAC) letter 04.10.2023 with regard to the buffer zone removal.</p> <p>m) The SEAC noted that the Project cost mentioned in the District Mines & Geology officer (FAC), letter 04.10.2023 is of Rs. 30.0 Lakhs. Also, it was noted that the District Mines & Geology officer (FAC) has stated that, the undersigned is not competent authority to issue buffer zone removal permission.</p> <p>n) Hence, committee reiterated that earlier meeting minutes holds good and recommended to issue EC with above mentioned conditions at S. No. 1 in addition to following condition,</p> <p>i. The project proponent shall obtain buffer zone removal permission from Ministry of Labour & Employment of Directorate - General of Mines Safety.</p>
Agenda Item No: 223.02 & 228.09 & 231.16	1.40 Ha. Mining of Road Metal, Building Stone & Gravel quarry of M/s. Ravitej Projects Private Limited, at Survey No: 01 Villages: Marturu Mandal: Anakapalli District: Anakapalli District (Erstwhile Visakhapatnam District) State: Andhra Pradesh - Environmental Clearance - Reg.
SIA/AP/ MIN/426 079/202 3	<p>Category: B2 at par with B1 (Minor Mineral).</p> <p>The proposed project is for mining of Road Metal & Building stone and Gravel in an area of 1.40 Ha with a proposed production capacity of Road Metal - 1,19,712 m³/annum and Gravel- 3990 m³/Annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The representative of the project and their consultant, M/s. HECS have attended the meeting and presented the case. The SEAC committee noted that:</p> <p>a) The Department of Mines and Geology submitted DSR Report for erstwhile Visakhapatnam District. The same is reviewed in the SEAC meeting and the present mine lease details is mentioned at S.No139 of Page No. 177 in the DSR.</p> <p>b) As per the approved mining plan, the total provided mineral reserves are 5,98,560 m³. The proponent proposed to excavate 1,19,712 m³/Annum and Life of the mine is 5.0 years.</p> <p>c) The project proponent has obtained violation TOR with Public hearing on 01.07.2022. The public hearing was held on 23.11.2022.</p>


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- d) **Public Hearing Details:** There no specific issues raised in the public hearing.
- e) **Reply of the proponent during the public hearing is as follows:** Sri. Gangadhar Rao, on behalf of M/s. Ravi Tej Projects Private Limited, informed that a meeting was conducted with villagers regarding road problems and requested lorry owners & transporters to carry movement of trucks along the road beside mine. He said that mining owners discuss with join Director, Mines to construct road along the mine. He said that wetting of the road carried out regularly and provide jobs to local villagers to carry out wetting of the roads.
- f) The base line data was collected from Oct, 2021 to Dec, 2021 and the predominant wind direction is observed to be North East to South West. The maximum concentration of SPM is observed to be 68.91 µg/m³. The incremental concentration is 1.72 µg/m³ and GLC of SPM will fall at a distance of 0.42 Km towards South West direction from the mine lease area.
- g) The proponent volunteered to provide Water Treatment Plant and Health Camps to the Marturu village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- h) **S.O No 804 dt 14.03.2017 compliance:**
- Credible action was initiated vide CC No 173/2023 in the court of Junior Civil courts of Anakapalli and paid an amount of Rs. 75,000/- on 11.02.2023.
 - The project proponent submitted undertaking on 10.03.2023 stating that the violation will not be repeated.
 - The project proponent has submitted remediation and resource augmentation plan with a cost of **Rs 1,00,000/-** and also uploaded the acknowledged BG submitted at APPCB, Regional office, Visakhapatnam on 31.03.2023.
 - The project proponent has submitted production dispatch letter issued by ADMG,(FAC) Anakapalli vide letter **dt.24.02.2023**.
 - The Penalty was calculated in compliance with SOP issued by MoEF&CCGoI vide OM dt. 07.07.2021 and the details is as follows:

SN	Name of the mine	Project cost in Rs.	Total production during violation period as reported by mining department letter dated 31.12.22	Turnover during violation period in Rs as reported by the mining department vide letter dated 31.12.22	1% of project cost in Rs	0.25 % of turnover during violation period in Rs.	Total penalty amount to be levied as per OM 07.07.2021 in Rs


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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

1.	M/s. Ravitej Projects Private Limited. SIA/AP/M IN/42607 9/2023	Rs.27,0 0,000/-	Mining Road metal & Building stone 2,08,894m ³	Rs.1,55, 79,870 /-	Rs.27, 000/-	Rs. 38,9 50/-	Rs. 65,950/-
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- vi. The project proponent has uploaded the acknowledged payment of penalty amount of Rs. 65,950/- at APPCB Board Office Vijayawada on 15.03.2023.

This proposal was earlier placed in the 223rd SEAC meeting and Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs, EIA report, PH minutes and detailed deliberations, **recommended to issue Environmental Clearance** for mining of **Road Metal - 1,19,712m³/annum and Gravel- 3990 m³/Annum** with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.
 2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
 3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
 4. The project proponent shall carryout the mining with proper benches.
 5. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
 6. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
 7. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
 8. The project proponent shall not use village road for mineral transportation purpose.
 9. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
 10. The project proponent shall obtain buffer zone removal permission from Mines and Geology Department.
 11. The project proponent shall adopt for controlled blasting as the **Temple** is existing at a distance of 480m.
 12. The project proponent shall comply assurance/ promises given in the public hearing.
- i. This proposal was placed before 221st SEIAA meeting and decision of SEIAA is as follows:
"Refer to SEAC to calculate the penalty amount based on the project cost and turnover as per the ADM&G letter".
- j. Again, this proposal was placed in 228th SEAC meeting and recommended to raise ADS for submission of following. "The project proponent shall submit revised and latest production and dispatch details letter along with buffer zone removal permission letter from DMG".
- k. Accordingly, the project proponent has submitted ADS reply furnishing latest


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	<p>production and dispatch details from District Mines and Geology officer, Anakapalli (FAC) letter dt. 04.10.2023 and also the District Mines & Geology officer (FAC) letter 04.10.2023 with regard to the buffer zone removal.</p> <p>l. The SEAC noted that the Project cost mentioned in the District Mines & Geology officer (FAC), letter 04.10.2023 is of Rs. 27.0 Lakhs. Also, it was noted that the District Mines & Geology officer (FAC) has stated that, the undersigned is not competent authority to issue buffer zone removal permission.</p> <p>m. Hence, committee reiterated that earlier meeting minutes holds good and recommended to issue EC with above mentioned conditions at S. No. 1 in addition to following condition,</p> <p>i. The project proponent shall obtain buffer zone removal permission from Ministry of Labour & Employment of Directorate - General of Mines Safety.</p>
Agenda Item No: 223.15 & 228.10 & 231.17	6.330 Ha. Mining of Road Metal & Building Stone Quarry of M/s Sri Venkatasasi Stone Crusher, at Survey No: 75 Villages: Bowlavada Mandal: Anakapalli District: Anakapalli District (Erstwhile Visakhapatnam District) State: Andhra Pradesh - Environmental Clearance - Reg.
SIA/AP/ MIN/426 372/202 3	<p>Category: B2 at par with B1.</p> <p>The proposed project is for mining of Road Metal & Building Stone in an area of 6.330 Ha with a proposed production capacity of Road Metal & Building Stone is 2,22,222 m³ per annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The representative of the project proponent and their consultant M/s. Hubert Enviro Care Systems Private Limited, Chennai, have attended the meeting and presented the case. The SEAC committee noted that:</p> <p>a) The Department of Mines and Geology submitted DSR Report for erstwhile Visakhapatnam District. The same is reviewed in the SEAC meeting and the present mine lease details are mentioned at S.No.20 in Page N0.169 of DSR.</p> <p>b) As per the approved mining plan, the total provided mineral reserves are 7967245 m³. The proponent proposed to excavate 2,22,222m³/Annum and Life of the mine is 35.85 years.</p> <p>c) The project proponent has obtained violation TOR with Public hearing.</p> <p>d) The base line data was collected from Oct, 2021 to Dec, 2021 and the predominant wind direction is observed to be North East to South West. The maximum concentration of SPM is observed to be 68.46 $\mu\text{g}/\text{m}^3$. The incremental concentration is 2.56 $\mu\text{g}/\text{m}^3$ and GLC of SPM will fall at a distance of 0.42Km towards South West direction from the mine lease area.</p> <p>e) Public Hearing Details: Employment opportunities, health problems, drinking water facilities and Medical Camps are main issues raised in the Public Hearing.</p> <p>f) Public Hearing issues reply management: Sri G. Prabhakar, Representative of the project proponent informed that all the suggestions, views and objections are noted and they will fulfill all the items mentioned in their project. He informed that the water plantation was already provided and if any maintenance is required, the project</p>


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proponents will take up the matter. The rain water drain was constructed and ground water levels are increasing. He also informed that to minimize the dust pollutions problems, all the latest technologies are being implemented in the proposed mining project and will continue to adopt any improvements to further reduce the dust pollution.

g) The proponent volunteered to provide Medical equipment's to Anakapalli PHC as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.


h) **SO No 804 dt 14.03.2017 compliance :**

- i. Credible action was initiated vide CC No 178/2023 in the court of Jr Civil court Anakapalli.
- ii. Submitted undertaking on 13.03.2023 stating that the violation will not be repeated.
- iii. The project proponent has submitted remediation and resource augmentation plan with a cost of **Rs 2,00,000/-** and also uploaded the acknowledged BG submitted at APPCB, Regional office, Visakhapatnam on 12.04.2023.
- iv. The project proponent has submitted production dispatch letter issued by ADMG,(FAC) Anakapalli vide letter **dt.28.02.2023**.
- v. Penalty is calculated and recommended to take further action in complying with OM 07.07.2021 SoP.

SN	Name of the mine	Project cost in Rs	Total production during violation period as reported by mining department letter dated 14.02.23	Turnover during violation period in Rs as reported by the mining department vide letter dated 14.02.23	1% of project cost in Rs	0.25 % of turnover during violation period in Rs.	Total penalty amount to be levied as per OM 07.07.20 21 in Rs
1.	M/s Sri Venkatasasi Stone Crusher SIA/AP/ MIN/426 372/2023	Rs.80,00,000/-	Road Metal & Building Stone 500095 Cum	Rs. 3,18,53,250/-	80,000/-	Rs.79,634/-	Rs. 1,59,634/-

i) The project proponent has uploaded the acknowledged payment of penalty amount of **Rs. 1,59,634/-** at APPCB Board Office Vijayawada on 13.04.2023.

j) The proposal was earlier place in the 223rd SEAC Committee meeting and Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs, EIA report, PH minutes and detailed deliberations, **recommended to issue** Environmental Clearance for mining of **Road Metal &**


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- Building Stone is 2,22,222 m³ per annum** with following conditions:
- 1) The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.
 - 2) The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
 - 3) The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
 - 4) The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
 - 5) The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
 - 6) The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
 - 7) The project proponent shall not use village road for mineral transportation purpose.
 - 8) The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
 - 9) The project proponent shall not cause any damage to the nearby agricultural lands.
 - 10) The project proponent shall comply other assurances given in the public hearing.
 - 11) This proposal was placed before 221st SEIAA meeting and decision of SEIAA is as follows: "Refer to SEAC to examine with the issues raised in the public hearing regarding cluster issue and violation of the proposed mine".
 - 12) Again, this proposal was placed in 228th SEAC meeting and the committee noted that the TOR was issued to the project under violation category and project proponent has paid penalty amount of Rs. 1,59,634/-, Bank Guarantee of Rs 2,00,000/- and also credible was initiated for violation as per the MoEF& CC dt. 07.07.2021 which was reported in the earlier minutes.
 - 13) The project proponent has informed that they have carried out developmental works in the village and the committee recommended **to raise ADS** for submission of compliance report on the issues raised in the public hearing regarding the cluster and detailed report on implemented CSR activities".
 - 14) Accordingly, the project proponent submitted ADS reply on 28.09.2023 and the SEAC noted the compliance report of the project proponent on the issues raised in the public hearing and also the details of the implemented CSR activities in the cluster.

The Committee after re-examining the project proposals, presentations, ADS reply, mining plan, MoEF&CC Notifications & OMs, EIA report, PH minutes and detailed deliberations, **recommended to issue** Environmental Clearance stipulating conditions mentioned at S. No. I and with following additional conditions.

1. The project proponent shall provide skill development programmes and shall allocate an amount of Rs.1.5 Lakhs to conduct annual health camps in the surrounding villagers.
2. The project proponent shall carryout drilling operations with wet jacketed drilling machine
3. The project proponent shall carryout controlled sequential blasting as per the DGMS rules.
4. The project proponent shall develop avenue plantation in approach roads and also vacant lands.
5. The project proponent shall comply other assurances given in the public hearing.

Agenda 5.607 Ha. Mining of Colour Granite of M/S Madhucon Granites Limited, at Sy. No. 53,


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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

Item No: 222.04 & 228.11 & 231.18	Tekkali (V) Tekkali (M), Srikakulam District, Andhra Pradesh - Environmental Clearance - Reg.
SIA/AP/ MIN/426 467/202 3	<p>Category: B2 at par with B1 (Minor Mineral).</p> <p>The proposed project is for mining of Colour Granite in an area of 5.607 Ha. with a proposed production capacity of 3008 m³/annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The project proponent and their, M/s. SV Enviro labs, have attended the meeting and presented the case. The SEAC committee observed that:</p> <ol style="list-style-type: none">The Department of Mines and Geology submitted Visakhapatnam DSR report-2021 and the same is reviewed in the SEAC meeting. The present project name is mentioned in the DSR at S.No.98 in Page No.205.As per the approved mining plan, the total provided mineral reserves are 418465 M3. The proponent proposed to excavate 3008 m³/Annum and Life of the mine is 139 years.The project proponent obtained violation TOR with Public Hearing on 12.04.2022. The public hearing was held on 25.11.2022.<ol style="list-style-type: none">Public Hearing Details: There no specific issues raised in the public hearing.Reply of the proponent during the public hearing is as follows: Sri. K. Jayanth, lease holder: He thanked all the participants and the surrounding villagers for expressing their views and supporting the establishment of the mine, and he assured that employment would be given to the locals depending o their skills an development activities taken up as per the request, and further said that they would follow all the guidelines issued by the government while operating the quarry. As per the direction of sub collector, he assured that tin coordination with M/s. Free world exports (P) Ltd they will provide RO plant in the village. He also assured that they will organize training programmes in association with District Training Centre.The base line data was collected from Feb, 2022 to April, 2022 and the predominant wind direction is observed to be South West to North East. The maximum concentration of SPM is observed to be 59.70 $\mu\text{g}/\text{m}^3$. The incremental concentration is 2.24 $\mu\text{g}/\text{m}^3$ and GLC of SPM will fall at a distance of 0.99 Km towards NE direction from the mine lease area.The proponent volunteered to provide Water Treatment Plant ,necessary facilities (Oxygen concentrators - 2, Essential Medical kits) to the Area Hospital in Tekkaliand Health Camps to the Tekkalivillage as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.This proposal was earlier appraised in 222nd SEAC meeting andthe Committee recommended to raise ADS for submission of project cost and total turnover letter from Mines and Geology Department during the violation period and proof of Bank Guarantee Acknowledgement copy and acknowledgement copy of payment of penalty amount.Accordingly, the project proponent has furnished ADSreply submitting the letter Mines and Geology Department regarding production and dispatch details. The SEAC


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- noted that project cost was not mentioned in the letter dt. 13.07.2023
- o) Again, this proposal was placed in 228th SEAC meeting and recommended to raise ADS for submission of revised ADMG letter duly mentioning the project cost and also details of credible action regarding the subject mine as the credible action was initiated in the year 2016 (without mentioning the extent of mine lease area) though the TOR under violation was issued vide order dt. 12.04.2022.
- p) According, the project proponent has submitted ADS reply with revised letter dt. 19.09.2023 from District Mines and Geology officer, Tekkali. The proposal along with the ADS reply was appraised in 231st SEAC meeting. The SEAC committee noted that:
- q) **S.O No 804 dt 14.03.2017 compliance:**
- Credible action was initiated vide CC No 106/2016 in the court of Junior Civil courts of Tekkali.
 - The project proponent submitted undertaking on 19.03.2021 stating that the violation will not be repeated in future.
 - The project proponent has submitted remediation and resource augmentation plan with a cost of **Rs 7,91,242/-** and also uploaded the acknowledged BG submitted at APPCB, Regional office, Srikakulam on 15.03.2023.
 - The project proponent has submitted production dispatch letter issued by DMG, Srikakulam vide letter **dt.19.09.2023**.
 - Penalty is calculated and recommended to take further action in complying with OM 07.07.2021 SoP.

SN o	Name of the mine	Project cost in Rs	Total productio n during violation period as reported by mining departme nt letter dated 19.09.20 23	Turnove r during violation period in Rs as reported by the mining departm ent vide letter dated 19.09.2 023	1% of proje ct cost in Rs	0.25 % of turn over during violati on period in Rs.	Total penalty amount to be levied as per OM 07.07.20 21 in Rs
1.	M/S Madhuc on Granites Limited	Rs.115. 0 Lakhs	1884.306 Cum	Rs. 2,49,28, 827/-	1,15, 000/ -	Rs62,3 23/-	Rs. 177323/-

- vi. The project proponent has uploaded the acknowledged payment of penalty amount of **Rs. 1,77,323/-** at APPCB Board Office Vijayawada on 25.07.2023.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs, EIA report, PH minutes and detailed deliberations, **recommended to issue** Environmental Clearance for mining of colour granite - **3008 m³/annum** with following conditions:

- The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.


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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P., HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

	<ol style="list-style-type: none">2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.4. The project proponent shall carryout the mining with proper benches.5. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.6. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.7. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.8. The project proponent shall not use village road/ canal bund road for mineral transportation purpose.9. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.10. The project proponent shall submit 800m trench with rocky bund on Southern side to prevent surface runoff entering into the nearby Reservoir/ water tank.11. The project proponent shall strengthen the water tank existing in the southern side.12. The project proponent shall comply assurance/ promises given in the public hearing.
Agenda Item No: 231.19	4.800 Ha Mining of Morrur, Gravel & Ordinary Earth of M/s. Vijayai Transport, at Sy.No: 72 of Chennareddipeta Village, Porumamilla Mandal, Kadapa District, Andhra Pradesh - EC - Reg.
SIA/AP/ MIN/440 493/202 3	Category: B2 (Minor mineral) The proposed project is for mining of Morrur, Gravel & Ordinary Earth in an area of 4.800 Ha. with a proposed production quantity of Morrur, Gravel & Ordinary Earth - 98,020 m³/Annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan. The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease). The representative of proponent and their consultant, M/s Ecomen Laboratories Pvt Ltd., have attended the meeting and presented their proposal. The SEAC Committee noted that: <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of erstwhile Kadapa District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine.b) The Mining Department vide proceeding dt. 19.07.2023 issued LOI for a period of 5 years with a condition to submit approved Mining plan, EC and CTE from APPCB within in a period of one year.c) As per the approved mining plan dt.10.08.2023, the total provided mineral reserves are 4,94,800 m³. The proponent proposed to excavate Morrur, Gravel & Ordinary Earth - 98,020 m³/Annum and Life of the mine is 5.04 years.d) The Committee noted that as per the cluster letter issued by the District Mines & Geology Officer, Kadapa, YSR District, vide Letter dated: 10.08.2023, there are no existing quarry leases within the radius of 500 mtrs area. The total cluster area is <5.0 Ha.e) The project proponent allocated Rs. 8.0 Lakhs as capital cost and Rs. 4.70 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water


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treatment plant to the Chennareddipeta village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs and detailed deliberations, **recommended to issue Environmental Clearance** for mining of **Morrum, Gravel & Ordinary Earth - 98,020 m³/Annum** with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
7. The project proponent shall not use village road/ canal bund road for mineral transportation purpose.
8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
9. The project proponent shall provide 640 m trench with rocky bund on Western side to prevent surface runoff entering/ silt content into the nearby agricultural lands.
10. The project proponent shall provide garland drain towards canal side.

Agenda
Item
No:231.2
0

Aromatic Fine Chemicals and Essential oil of M/s. Prasad Organics Private Limited at Plot No. 390, APIIC Growth Centre, Gundlapalli village of Maddipadu Mandal, Prakasham District in Andhra Pradesh- Environmental Clearance - Reg.

SIA/AP/I
ND3/434
971/202
3

Category: B1

The Proposal of M/s. Prasad Organics Private Limited., is for **Environmental Clearance for Synthetic organic chemicals (Aromatic Fine Chemicals and Essential oil Manufacturing) with a capacity of 154.0 TPM.**

The proposed project falls under Item 5(f) of the schedule of the EIA Notification 2006- Synthetic organic chemicals industry (dyes & dye intermediates & bulk drug and intermediates).

The project proponent and their Consultant M/s. Pridhivi Enviro tech private limited have attended the meeting. The committee noted that:


- a) The Total Cost of the project is Rs. 15.0 Crores and cost on environmental infrastructure is Rs. 2.0 Crores.
- b) The project proponent acquired 2.47 Acres of land in APIIC notified industrial Estate at Plot No. 390, APIIC Growth Centre, Gundlapalli village of Maddipadu Mandal, Prakasham District.
- c) The project proponent has proposed to manufacture **Aromatic Fine Chemicals and Essential oil Manufacturing which are synthetic organic chemicals.** As per the EIA notification dt. 14.09.2006, the proposed activity falls under 5 (f) category- B1 project and exempted from public hearing as the project is located in Notified in the industrial area, APIIC growth Centre as per the G.O MS no.109 -dt.09.03.1998.
- d) The project proponent has obtained Standard TOR without Public hearing on


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- 15.03.2023 with additional conditions.
- e) The total water requirement is 50 KLD of which fresh water requirement will be 35 KLD and recycled water is 15 KLD. The total wastewater generation is 18.6 KLD out of which, 10.6 KLD is HTDS and 8.0 KLD is LTDS.
- f) The project proponent has proposed provide Zero Liquid Discharge and has proposed ETP having stripper of capacity of 15.0 KLD, MEE of capacity 20 KLD, ATFD 6.0 KLD and biological ETP followed by RO system for the treatment of the effluents.
- g) The unit has submitted letter dt. 01.04.2023 with regard to the commitment for the installation of ZLD system and will start operation only after installation of ZLD system.
- h) It is proposed to manufacture Aromatic Fine Chemicals and Essential oil Manufacturing unit with a capacity of 154.0 TPM to cater to the needs of flavour and fragrance industry.
- i) It is proposed to establish Zero liquid Discharge plant with adequate facilities for solvent handling and hazardous waste storage facilities.
- j) The base line data was collected from Dec 2022 to Feb, 2023 and the predominant wind direction is observed to be North to South. The maximum concentration of SPM is observed to be 75.5 $\mu\text{g}/\text{m}^3$. The incremental concentration is 2.254 $\mu\text{g}/\text{m}^3$ and GLC of SPM will fall at a within the industrial Estate.
- k) The project proponent has obtained Member ship Certificate from **CWMP** for managing Hazardous waste and is valid up to 31.05.2024.
- l) This proposal is appraised with the following conditions:
1. The project proponent shall segregate the wastewater into HTDS and LTDS effluents. The industry shall adopt appropriate pollution control system to achieve zero liquid discharge (ZLD) and ensure that there will be no discharge from the unit.
 2. The project proponent shall construct ETP and collection tanks over and above ground level in order to avoid seepage into ground water.
 3. The project proponent shall provide over and above ground level detoxification facility for cleaning of drums and the waste water generated shall be treated in effluent treatment plant.
 4. The industry shall provide magnetic tamper proof flow meters to measure quantity of different streams of effluents generated and routed through the treatment systems
 5. The industry shall implement monitoring of waste factors for different streams of effluent and solid waste.
 6. The project proponent shall provide Bag filter to the boiler so as to control emissions to the standards as submitted.
 7. The project proponent shall install VOC monitor in the premises and shall ensure no odour nuisance to the neighbouring community.
 8. The project proponent shall provide double stage scrubbers to the reactors to process emissions into environment.
 9. The project proponent shall keep all solvent, mother liquor, raw material, hazardous waste etc., drums in closed shed.
 10. The project proponent shall keep all solvent storage tanks with dyke wall and with an arrangement to treat the water at the dyke in the ETP.
 11. The project proponent shall provide collection pit for storage of first flush rainwater with an arrangement to pump the water to the ETP for treatment.
 12. The project proponent industry shall provide necessary condensers for the solvent storage tanks in order to avoid smell nuisance to the surroundings.


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	<p>13. The industry shall provide effective solvent recovery system.</p> <p>14. The industry shall provide hazardous waste container (drums) cleaning/washing system (container detoxification).</p> <p>15. The industry shall provide flow meter to measure quantity of steam consumed for MEE system.</p> <p>16. The industry shall provide steam stripping system to handle volatile matter in the effluents.</p> <p>17. The industry shall send hazardous waste to the authorized cement industries/TSD/ authorized recyclers by properly maintaining the system.</p> <p>m) The project proponent has informed that they have applied for permission from Ground Water Department and is under process. The project proponent has informed that they will furnish the permission from the Ground Water Department within a week.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs, EIA report and detailed deliberations, recommended to raise ADS for submission of permission from Ground water Department.</p>
Agenda Item: 231.21	7.183 Ha. Mica, Quartz & Feldspar mine of M/s Durga Mineral Corporation, located at Sy.No.39 & 40 of Jogipalli Village, Sydapuram Mandal, SPSR Nellore District, Andhra Pradesh - EC ADS Reply - Reg.
SIA/AP/MIN/435 731/202 3	<p>Category: B2 at par with B1 (Minor mineral)</p> <p>The proposed project is for mining of Mica, Quartz & Feldspar in an area of 7.183 Ha. with a proposed production quantity of Mica- 4725 TPA, Quartz-9450 TPA&Feldspar-23625 TPA with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The project proponent and their consultant, M/s. SV Enviro labs have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <p>a) The Department of Mines and Geology submitted DSR of erstwhile Nellore District. The same is reviewed in the SEAC meeting and the present mine lease details are mentioned at page No123 in the DSR.</p> <p>b) The project proponent has obtained violation TOR with public hearing on 26.02.2020 and public hearing was held on 19.012.2020.</p> <p>c) Details of the public hearing: There are no specific issues raised during the public hearing.</p> <p>d) Response of the management: Sri. G. Srinivasa Rao, representative of the mine project has given assurance that the management will address the priorities of the villagers viz. drinking water, medical check-ups and also promised that the management will follow all the conditions stipulated in the EC.</p> <p>e) S.O No 804 dt 14.03.2017 compliance:</p> <ol style="list-style-type: none">Credible action was initiated vide CC No 1376/2021 in the court of Junior Civil courts of Nellore.The project proponent submitted undertaking on 19.11.2019 stating that the violation will not be repeated in future.The project proponent has submitted remediation and resource augmentation plan with a cost of Rs.4,61,690/- and also uploaded the acknowledged BG submitted at APPCB, Regional office, Nellore on 14.06.2023.The project proponent has submitted production dispatch letter issued by ADMG, Nellore vide letter dt.12.06.2023.


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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P., HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

v. The Penalty was calculated in compliance with SOP issued by MoEF&CC, Govt of Andhra Pradesh vide OM dt. 07.07.2021 and details are as follows:

S No	Name of the mine	Project cost in Rs.	Total production during violation period as reported by mining department letter dated 12.06.2023	Turnover during violation period as reported by the mining department vide letter dated 12.06.2023	1% of project cost in Rs	0.25 % of turnover during violation period in Rs.	Total penalty amount to be levied as per OM 07.07.2021 in Rs
1.	M/s Durga Mineral Corporation	Rs. 1,95,00,000/-	1) Mica is 1,890 MT 2) Quartz is 3,930 MT 3) Feldspar is 5,635 MT 4) Vermiculite is 10,446 MT	1,31,97,360/-	Rs 1,95,000/-	Rs 32,994/-	Rs 2,27,994/-

vi. The project proponent has uploaded the acknowledged payment of penalty amount of Rs 2,27,994/- at APPCB Board Office Vijayawada on 16.06.2023.

f) The proposal was earlier appraised in 224th SEAC meeting and the committee noted that Air Quality was not monitored within 1km in the down wind direction of the mine for the base line studies. Hence, the SEAC recommended **to raise ADS** for


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	<p>correction of Isopleth in accordance with AAQ data within 500m radius and 1 km radius.</p> <p>g) Accordingly, the project proponent furnished corrected Isopleth in accordance with AAQ data within 500m radius and 1km radius and the same of appraised in the 231st SEAC meeting.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs, EIA report, PH minutes and detailed deliberations, recommended to issue Environmental Clearance for mining of Mica- 4725 TPA, Quartz-9450 TPA&Feldspar- 23625 TPA with following conditions:</p> <ol style="list-style-type: none">1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA report.2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.4. The project proponent shall carryout the mining with proper benches.5. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.6. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.7. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.8. The project proponent shall not use village road/ canal bund road for mineral transportation purpose.9. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.10. The project proponent shall comply assurance/ promises given in the public hearing.
Agenda Item: 225.37 & 231.22	Re Sustainability Limited proposes to establish a Common Hazardous Waste Treatment Storage Disposal Facility (Landfill only) at Survey No 116 Part, at Thadi Village, Parwada Mandal, Anakapalli District, Andhra Pradesh - Terms of Reference - Reg.
SIA/AP/1 NFRA2/4 10735/2 022	<p>Category: B1</p> <p>The proposed project is establishment of Common Hazardous Waste Treatment, Storage and Disposal Facility (Landfill only) by M/s. Re Sustainability Limited, with design Capacity of 3,00,000 TPA at Survey No 116 Part, at Thadi Village, Parwada Mandal, Anakapalli District, Andhra Pradesh.</p> <p>As per the EIA Notification S.O. 1533 (E) dated 14-09-2006 and its amendments thereof, proposed project falls under the Activity - 7(d) - Common Hazardous Waste Treatment Storage and Disposal Facility, Category-B having Landfill only.</p> <p>The project proponent and their consultant M/s. Re Sustainability Solutions Private Limited have attended the meeting.</p> <p>a) The proposed project is of 3,00,000 MTPA capacity includes direct land fill - 1,50,000 MTPA and Landfill after treatment is 1,50,000 MTPA using reagents like flyash, cement, lime based on the comprehensive analysis of the waste. The coverage area of the facility is to handle waste generated from VisakhaPharmacy and also from other industries within the State.</p>


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Chairman
SEAC



- b) The project proponent informed that the operation of the facility will be 25 years and post closure monitoring will be 25 years.
- c) The Proposed Land fill is adjacent the Visakha Pharma city and the APIIC, Atchuthapuram issued Alienation of Government land to M/s. Visakha Pharma City (erstwhile M/s. Ramky Pharmacy India Limited) measuring an extent of Ac. 50.00 cts in Sy.No. 116 part of Thadi Village, Parawada Madal for the purpose of "Secured Land Fill".
- d) The APIIC vide Lr dated 17.06.2022 allotted an extent of AC 10.00 for TSDf facility and to reserve the balance land of Ac 40.00 subject to formation of the road at RPCIL cost.
- e) M/s. Re Sustainable Limited entered into a Development agreement with M/s. Visakha Pharmacy to establish, operate and maintain the TSDf facility on behalf of Visakha Pharmacy for disposal of additional waste as the existing landfill of Pharmacy has exhausted.
- f) The committee observed that the proposed site is located on Hill and also the elevation difference of top to bottom of the hill is 200m. The committee opined that proposal of land fill on hill is not suitable due to surface runoff.
- g) The project proponent informed that will develop land fill on toe of the hill with 10 Ac of land. However, the committee verified the same through KML and observed the elevation difference of 25 to 30 m in proposed land of 10Ac. The committee opined that proposed site is not suitable for establishment of Secured Land Fill.
- h) The committee also noted that the establishment of TSDf on Hills is not suitable (Construction of landfill on the hill shall be avoided) as per the CPCB guidelines.
- i) This proposal was placed in 215th SEAC meeting recommended **to raise ADS** for submission of following:
- Detailed justification on the suitability of the proposed land for the establishment of secured landfill keeping in view of the location of the land which is on hill slope with an elevation difference 200m.
 - Justification on the initial phase of establishment of Common Hazardous Waste Treatment Storage and Disposal Facility (Landfill only) in the proposed land of 10 Ac on the toe of the hill which is also having an elevation difference of 25 to 30 m.
 - Furnishing / detailing of the proposed area for initial phase ie 10 Ac with the geo-coordinates out of the total 50 Ac of proposed area of the total project.
 - Clarification on land whether the proposed land is in Industrial Estate or not with supporting documents.
 - Detailing the technology proposed and the processing of the wastes in the project along with the details of the quantities of wastes to be treated.
 - Details on the characteristics, quantities, collection, treatment and disposal of leachate.
 - Details of experience in this field of work, if any.
 - Justification for the technology to be used in the proposal.
- j) Accordingly, the project proponent has submitted ADS reply and placed in 225th SEAC meeting.
- k) The project proponent has informed that the proposed site qualifies the criteria for development of TSDf facility as per the CPCB Rejection or Knock-out criteria and also


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CPCB location criteria. The proposed site is located within 80 to 190 amsl and having approximately 100-110 m of elevation difference.

- l) The project proponent has informed that they will develop TSDF in four phases and initially 10.0 Acres of land have been allotted for immediate development and the remaining 40.0 Acres will be developed in subsequent phases.
- m) The proposed land is outside industrial estate (M/s. VisakhaPharmacy) and wherein APIIC special project zone Atchutapuram allotted land for the development of Common Hazardous Waste TSDF (Landfill only) vide order dated 17.06.2022.
- n) The project proponent informed that the leachate generated will be collected and treated in Leachate treatment plant of capacity 100 KLD. The part of treated Leachate will be used in sprinkling for stabilization of waste and the remaining is proposed to dispose through forced evaporation.
- o) Again this proposal was placed in 225th SEAC meeting and the Committee after examining the project proposals, presentations, EIA appraisal, ADS reply, MoEF&CC Notifications & OMs and detailed deliberations, **recommended to constitute a subcommittee** with the following members 1) Prof. M. Chandra Sekhar 2) Prof. K. Thyagaraju and 3) Dr. M. Sunandana Reddy **to visit** the proposed site for ascertaining the suitability of the land for setting up of Landfill facility as the proposed land is located on the hill slope with an elevation difference of about 200 mts and also to verify the compliance of the proposed site to the CPCB siting criteria for development of landfill facility.
- p) Accordingly, the SEAC has constituted Subcommittee and the subcommittee inspected site on 09.09.2023 and the summary of the subcommittee report is as follows:
 - The location is meeting the CPCB criteria for location of Secured Land fills.
 - NGRI has given a favourable report for the existing site after Geotechnical & Geophysical investigations indicating suitability of the site for TSDF.
 - The client has taken the criteria specified by CPHEEO manual for landfills in hilly regions in the design of TSDF.
 - APPCB, Reginal office also recommended the site in JN Pharma City, Parawada APIIC for allocation of 50 acres land for construction of Secured land fill for TSDF.
 - Client should take all necessary precautions specified by CPCB in construction, operation and maintenance of proposed TSDF.
 - As suggested by NGRI, a garland drain to collect the surface runoff generated at the site should be constructed.
 - It is recommended to submit/upload NGRI report, APPCB-RO recommendations, and certified compliance report (MoEF).

The Committee after examining the project proposals, presentations, EIA appraisal, ADS reply, MoEF&CC Notifications & OMs and detailed deliberations, recommended to **issue Standard TOR with public hearing** with following additional conditions:


1. Importance and benefits of the project.
2. The E.I.A. would address to the conformity of site to the stipulations as made in the Hazardous and other Wastes (Management, handling and transboundary movement) Rules, 2016 and will have a complete chapter indicating conformity to the said rules.
3. Project proponents would also submit a write up on how their project proposal conform to the stipulations made in the "Protocol for Performance evolution and monitoring of the Common Hazardous Waste Treatment Storage and Disposal facilities", published by the CPCB on May 24, 2010.
4. Status of compliance to the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Bio-Medical Waste


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Chairman
SEAC



- Management Rules, 2016.
5. Details of various waste management units with capacities for the proposed project.
 6. List of waste to be handled and their source along with mode of transportation.
 7. Other chemicals and materials required with quantities and storage capacities.
 8. Details of temporary storage facility for storage of hazardous waste at project site.
 9. Details of pre-treatment facility of hazardous waste at TSDF.
 10. Details of air emissions, effluents, hazardous/solid waste generation and their management.
 11. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract).
 12. Process description along with major equipments and machineries, process flow sheet (quantitative) from waste material to disposal to be provided.
 13. Hazard identification and details of proposed safety systems.
 14. Details of Drainage of the project up to 5 km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided.
 15. Ground water quality monitoring in and around the project site The Air Quality Index shall be calculated for base level air quality.
 16. Details of effluent treatment and recycling process.
 17. Leachate study report and detailed leachate management plan to be incorporated.
 18. Action plan for measures to be taken for excessive leachate generation during monsoon period.
 19. Action plan for any pollution of ground water is noticed during operation period or post closure monitoring period.
 20. Detailed Environmental Monitoring Plan as well as Post Closure Monitoring Plan..
 21. A detailed Plan for green belt development.
 22. A certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users
 23. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
 24. The project proponents shall satisfactorily address to all the complaints/suggestions that have been received against the project till the date of submission of proposals for Appraisal.
 25. Plan for Corporate Environment Responsibility (CER) as specified under Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 shall be prepared and submitted along with EIA Report.
 26. The unit shall submit NGRI report for the existing site after Geotechnical & Geophysical investigations indicating suitability of the site for TSDF.
 27. The unit shall submit all necessary precautions specified by CPCB in construction, operation and maintenance of proposed TSDF.
 28. The unit shall submit a garland drain to collect the surface runoff generated at the site should be constructed As suggested by NGRI.
 29. The unit shall to submit/upload NGRI report, APPCB-RO recommendations, and certified compliance report (MoEF).


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Annexure- I: 7(d): STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR COMMON HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES (TSDFS) AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT.

1. Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental damages, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
2. Submit the details of the road/rail connectivity along with the likely impacts and mitigative measures.
3. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
4. Examine the details of transportation of Hazardous wastes, and its safety in handling.
5. Examine and submit the details of on line pollutant monitoring.
6. Examine and submit details of monitoring of water quality around the landfill site.
7. Examine and submit details of the odour control measures.
8. Examine and submit details of impact on water body and mitigative measures during rainy season.
9. Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment. Regular monitoring shall be carried out for odour control.
10. Water quality around the landfill site shall be monitored regularly to examine the impact on the ground water.
11. The storage and handling of hazardous wastes shall be as per the Hazardous Waste Management Rules.
12. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
13. Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the Ministry and not on the basis of Minutes of the Meeting available on the website.
14. A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.
15. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
16. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
17. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website.

Agenda Item No. 231.23	10.935 Ha., Black Galaxy Granite of M/s. Andhra Pradesh Mineral Development Corporation Limited at Sy.No. 55/4A (P), RL Puram Village, Chimakurthy Mandal, Prakasam District, Andhra Pradesh - EC Extension - reg.
SIA/AP/ MIN/301 093/202	Category: B2 at par with B1. The project proponent and their consultant have attended the meeting and presented


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MINUTES OF THE 231st MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 18th October, 2023 AT VIJAYAWADA, A.P.

3	the proposal. The SEAC committee noted that: a) The project proponent has submitted common letter of Intent (LOI) for 36.04 Ha. Hence, committee recommended to raise ADS for submission individual LOI in name of subject name.
Agenda Item No.229.6 1 & 231.24	10.935 Ha Mining of Black Galaxy Granite of M/s. Andhra Pradesh Mineral Development Corporation Limited at Sy.No: 52, 55/3C(P), 55/4A(P), RL Puram Village, Chimakurthy Mandal, Prakasam District, Andhra Pradesh - EC Extension - reg.
SIA/AP/MIN/301 034/202 3	Category: B2 at par with B1. The project proponent and their consultant have attended the meeting and presented the proposal. The SEAC committee noted that: The project proponent has submitted common letter of Intent (LOI) for 36.04 Ha. Hence, committee recommended to raise ADS for submission individual LOI in name of subject name.
Agenda Item No. 229.62 & 231.25	14.17 Ha., Black Galaxy Granite Mine of M/s. Pallava Red Granite Private Limited at Sy.No. 55/3C, R.L.Puram Village, Chimakurthy Mandal, Prakasam District, Andhra Pradesh - EC Extension - reg.
SIA/AP/MIN/301 179/202 3	Category: B2 at par with B1. The project proponent and their consultant have attended the meeting and presented the proposal. The SEAC committee noted that: The project proponent has submitted common letter of Intent (LOI) for 36.04 Ha. Hence, committee recommended to raise ADS for submission individual LOI in name of subject name.


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