

permit for an area of 1.4518 ha. at the time of submission of application. This permit was expired on 09/02/2015. Another short term permit for an area of 0.9976 ha. was accorded vide Order No. 13/2016-17/MM/GBS/QP/1170/DOPTA/M/16 dt. 04/07/2016 and it was also expired on 31/12/2016.

The proposal was placed in the 50th SEAC meeting held on 30th and 31st December, 2015. The area proposed for quarrying is 4.67 Ha which is private patta land. The life of mine expected is 10 years. The Committee was of the opinion that enough safety buffer shall be provided from the steep cutting in the existing quarry. The Committee decided to defer the proposal for the production of a revised social responsibility proposal.

After submitting the modified CSR the proposal was considered in the 58th Meeting of SEAC held on 28th& 29th June 2016. The committee appraised the proposal based on the Mining Plan, pre-feasibility report and all other documents submitted along with the Form I application and recommended for issuance of EC for mining subject to the general conditions and to the specific conditions that the CSR submitted shall form a part of EC.

The proposal was considered in the 57th meeting of SEIAA held on 26th August 2016 and again in the 61st meeting of SEIAA, held on 30th November 2016 and decided to refer the case to SEAC for site inspection and specific recommendations if any on that basis.

The proposal was considered in the 68th SEAC Meeting held on 20th & 21st February 2017. The Committee examined the suggestions made by SEIAA and decided to **defer** the item for site inspection.

Subsequently, field visit to the Quarry project site of Shri.M V Abraham, Ezhumattoor village, Pathanamthitta district, was carried out on 25.02.2017 by the sub-committee of SEAC, Kerala, comprising Dr. Keshav Mohan and Sri. John Mathai.

The project is located at Kottenkudi about 2 km northwest of Ezhumattoor. A small sized quarry was functioning in part of the proposed area. The approach road needs maintenance. Boundary pillars of the plot are erected and numbered as given in the surface plan with respective coordinates. The rock type is mostly massive Charnockite. The old working has not been with benches such that steep faces are seen in the worked out pit. Storm water is channelized into a pit in the central part that may be maintained as RWH structure. Fencing is seen all along the boundary. Dwelling units are seen around and the mandatory 100 m from quarry is provided. As a result part of the old pit is outside the proposed quarry. The quarry has a crusher unit which is located at Niranam. Two other quarries for which EC has been recommended (Ajayakumar's and Raveendran's) are within 500 m but the combined area is less than 25 ha. Floral and faunal biodiversity is not observed as the area is mostly rocky and quarried. Based on an overall evaluation of the site, issuance of EC can be recommended with the following conditions:

- *At the base of the worked out pit with cliff like structure, at least 15 m buffer distance is to be provided as a no development zone as a measure of safety.*

- *Fencing/protective barrier to be provided on the upper edge of steep cutting that is planned as haulage.*
- *Sign boards are to be in place.*

The proposal was placed in the 69th meeting SEAC held on 9th & 10th March 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific condition for mining.

1. *At the base of the worked out pit with cliff like structure, at least 15 m buffer distance is to be provided as a no development zone as a measure of safety.*
2. *Fencing/protective barrier to be provided on the upper edge of steep cutting that is planned as haulage.*
3. *Sign boards are to be in place.*
4. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The proponent should give an undertaking before SEIAA committing to spend under CSR activities minimum amounts Rs.5 lakh (Recurring) and Rs.5 lakh (Non Recurring) towards the welfare of the local community in consultation with the local Panchayat.

The Authority decided to grant EC with the above specific conditions in addition to the general conditions subject to the production of an affidavit stating that all the general and specific conditions shall be strictly implemented. Pre-mining conditions 1-4 should be implemented before starting quarrying. The proponent should submit an undertaking for CSR activities before the issuance of EC.

Item No: 67.04 Environmental Clearance for the quarry project in Sy. No. 575/1-2 & 569/1-1-16, 569/1-1-16-2 at Konnithazham & Iravon Village, Konni Panchayath, Konni Taluk, Pathanamthitta District, Kerala by Mr.N.Asokan, Managing Partner, M/s.A.S.Granites (File No. 890/SEIAA/EC4/3321/2015)

Mr.N.Asokan, Managing Partner, M/s.A.S.Granites, Payyanamon P.O, Konni, Pathanamthitta, Kerala – 689 692 vide his application received on 18.08.2015 has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. No. 575/1-2,581/1-4-1in KonniThazham & 569/1-1-16, 569/1-1-16-2 Iravon village, Konni Taluk, Pathanamthitta District, Kerala for an area of 2.3988 hectares. The quarry is working with two mine leases for acumulative area of 2.0557 ha. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 and as per O.M. No. L-11011/47/2011-IA.II (M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dt.

24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

(1) 1.1557 ha, vide Order No. 128/2006-07/840/2006 with validity up to June, 2018

(2) 0.90 ha. vide Order No. 843/2011-12/516/M3/2012 with validity up to March, 2024.

The proposed project site falls within Latitude $09^{\circ}14'56.91''\text{N}$ to $09^{\circ}14'50.78''\text{N}$ and Longitude $76^{\circ}52'41.68''\text{E}$ to $76^{\circ}52'43.10''\text{E}$. The land use classification as per revenue records is private own land. The lease area consists of 2.3988 hectares, which is private land.

The proposal was considered in the 62nd Meeting of SEAC held on 6-7th September, 2016 and decided to recommend for issuance of EC subject to the general conditions and the specific condition that a revised CSR activities addressing the needs of the locality shall be submitted before the SEIAA.

The proposal was considered in the 60th meeting of SEIAA, held on 27th October 2016. The Authority in its observation noted that the recommendation was made without site inspection. Hence the Authority resolved to return the proposal to SEAC for conducting site inspection.

The proposal was considered in the 68th SEAC Meeting held on 20th & 21st February 2017. The Committee examined the suggestions made by SEIAA and decided to defer the item for site inspection.

Subsequently, field visit to the Quarry project site of M/s A.S Granites, Konnithazham and Iravon village, Pathanamthitta district, was carried out on 25.02.2017 by the sub-committee of SEAC, Kerala, comprising Dr. Keshav Mohan and Sri. John Mathai.

The project is located at Payyanamon about 4 km northeast of Konni. This smaller sized quarry, in own land falling in two villages has been considerably developed. The approach road is narrow and need maintenance. Boundary pillars of the plot are erected temporarily and numbered as given in the surface plan. The rock type is mostly foliated Charnockite. In the worked out area benches have not been formed and steep faces are seen especially to the north. Storm water is channelized into a pit in the central part that functions as RWH structure. Fencing is seen along the upper northern boundary but not in the southern part. Dwelling units are beyond 100 m from quarry. The quarry has a crusher unit which is located adjacent to the proposed quarry area. A forest bit is seen on the south western side but a buffer distance of 100 m is maintained to the proposed quarry. Two other quarries are within 500 m but the combined area is less than 25 ha. Floral and faunal biodiversity is not observed as the area is mostly rocky and quarried. Based on an overall evaluation of the site, issuance of EC can be recommended with the following conditions:

- *At the base of the cliff like structure on the north, at least 15 m buffer distance is to be provided as a no development zone.*
- *From the existing crusher and other facilities, a safe distance of say 15 m is to be provided as a safety measure.*

- *The approach road, presently used by three quarries, should be widened to facilitate free movement of vehicle and to avoid queuing.*

The proposal was placed in the 69th meeting SEAC held on 9th & 10th March 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific condition for mining.

1. *At the base of the cliff like structure on the north, at least 15 m buffer distance is to be provided as a no development zone.*
2. *From the existing crusher and other facilities, a safe distance of say 15 m is to be provided as a safety measure.*
3. *The approach road, presently used by three quarries, should be widened to facilitate free movement of vehicle and to avoid queuing.*
4. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The proponent agreed to set apart Rs.5 lakh (non-recurring) and Rs.5 lakh per annum (recurring) for CSR activities for the welfare of the local community in consultation with the local Panchayat.

The Authority decided to issue Environmental Clearance with the above specific conditions in addition to the general conditions as recommended by SEAC in its 69th meeting held on 9th & 10th March 2017 subject to obtaining legal opinion as decided in the 66th SEIAA meeting whether quarrying on lease areas without Environmental Clearance also come under the scope of violation.

Item No. 67.05 Environmental clearance for the Proposed quarry project in Sy. Nos. 31/1 Part 1, Part-2, 31/1 Part-3, 30/1, 30/2 pt, 31/1-1, 31/1-2 pt, 31/1-3, 31/1-5, 31/1-6, 31/1-7, 31/1-10, 31/5, 31/6, 31/7 at Kalanjoor Village, Konni Taluk, Pathamnamthitta District, Kerala by Mr.Ajai Sundaresh, (File No. 926/SEIAA/ EC4/3892/2015)

Sri.Ajai Sundaresh., Managing Director, Darshan Granites Pvt. Ltd, Sree Vardhini, Sivankovil Road, Punalur, Kollam District, Kerala State -691305, vide his application received on 23-09-2015 has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos. 31/1 Part 1, Part-2, 31/1 Part-3, 30/1, 30/2 pt, 31/1-1, 31/1-

2 pt, 31/1-3, 31/1-5, 31/1-6, 31/1-7, 31/1-10, 31/5, 31/6, 31/7 at Kalanjoor Village, Konni Taluk, Pathamnamthitta District, Kerala by Sri.Ajai Sundaresh for an area of 15.07 hectares.

The proposal was placed before 57th meeting of SEAC. The Committee appraised the proposal based on Form I, pre-feasibility report and mining plan. Proponent informed the committee that the left out area containing Sy. No. 31/1-7 is presently with them and propose to mine in future. Hence the committee deferred the item for the production of revised mining plan including the above bit of land to make the mining more scientific and environmental friendly. Proponent agreed to spend 13 lakhs (recurring) and 12 lakhs (non-recurring) expenditures towards community welfare for a period of next 5 years and the schemes will be implemented in consultation with the local panchayath.

Subsequently the proponent submitted the revised Form 1 and CSR and the revised Mining Plan including the bit of land (Sy. No. 31/1-7) according to the decision of SEAC. In addition to the above Survey No. the new Mining Plan also covers the Survey Nos. such as 31/1-2 pt, 31/1-3, 31/1-5, 31/1-6, 31/1-10 & 31/7 with a total area of 15.07 ha. As per the old Mining Plan and application the total area was only 9.92 ha. The Proponent has also remitted an additional amount of Rs.50,000/- towards the processing fee.

The proposal was considered in the 66th meeting of SEAC, Kerala, held on 19th December, 2016 and decided to defer the item for site inspection.

Subsequently, field visit to the Quarry project site of M/s Darsan Granites Pvt Ltd, Kalanjoor village Pathanamthitta district, was carried out on 25.02.2017 by the sub-committee of SEAC, Kerala, comprising Dr. Keshav Mohan and Sri. John Mathai.

This proposal was originally submitted in the name of M/s Sahyadri Quarries & Granites Pvt Ltd with Sri. Ajai Sundaresh as the proponent. Meanwhile, based on the request, the District Collector cancelled the NOC obtained in the name of M/s Sahyadri Quarries & Granites Pvt Ltd and awarded NOC for the same land to M/s Darsan Granites Pvt Ltd with Sri. T.K. Sundaresan as the proponent. M/s Darsan Granites Pvt Ltd operates a quarry in 4.07 ha area located adjacent to the applied lease area and issued with EC which expired on 25.11.2016. Now as suggested in the SEAC meeting, Sri. T.K. Sundaresan has submitted revised approved mine plan for the combined area of 15.07 ha(govt.land and own land) in the name of M/s Darsan Granites Pvt Ltd. The site inspection was carried out in this 15.07 ha of land.

This project is located at about 4 km east of Athirunkal with its approach from Murinjakal on the Pathanapuram-Konni road. Boundary pillars of the combined plot are erected and numbered as given in the surface plan. Entire area has been provided with fence. The rock type is a mixture of Khondalite and Charnockite. The western part is partly exploited with formation of benches while the eastern part exposes hard rock with its major part sloping to south. The storm water from the worked out portion is channelized into a pit on the southern part that functions as RWH structure and overflow let out through a defined

channel after clarification. The service block and a crusher unit are located on the extreme southern part. The main haulage road and the approach road are properly laid. Floral and faunal biodiversity is not observed as the area is mostly rocky and disturbed. Dwelling units are not observed in the vicinity. The nearest quarry of M/s Mavanal is more than 500 m from the periphery. A forest patch is noticed on the southern side but beyond 200 m. Based on an overall evaluation of the site and considering the fact that the site includes a part where EC was already issued, it can be recommended subject to the following conditions.

1. *Mandatory sign boards are to be in place.*
2. *Storm water flow to the south-eastern part must be channelized into another RWH which need to be developed during the progressive quarry operation.*
3. *More number of sprinklers is to be provided around the crusher unit to suppress dust.*

The proposal was placed in the 69th meeting SEAC held on 9th & 10th March 2017. The Committee states that “ The Original application is on behalf of Sahyadri Quarries by Sri.AjaiSunderesh. Now for a revised proposal, inclusive of the area proposed by Sahyadri Quarries, is submitted in the name of Darshan Granites by Sri.Sundaresan, father of Sri.AjaiSunderesh. The Committee decided to defer the item for appropriately reprocessing the file by SEIAA after realising the required fees”.

This proposal was originally submitted in the name of M/s Sahyadri Quarries & Granites Pvt Ltd with Sri. Ajai Sundaresh, Managing Director as the proponent on 22.09.2015 for an area of 9.92 ha. They paid processing fee by DD for an amount of Rs. 2 lakhs. Meanwhile, based on the request, the District Collector cancelled the NOC obtained in the name of M/s Sahyadri Quarries & Granites Pvt Ltd and issued NOC for the same land to M/s Darshan Granites Pvt Ltd with Sri. T.K. Sundaresan as the proponent. M/s Darshan Granites Pvt Ltd operates a quarry in 4.07 ha area located adjacent to the applied lease area and issued with EC which expired on 25.11.2016. On the basis of NOC from District Collector, they approached Mining and Geology department for Letter of Intent (LOI) as per KMMCR 2015 for the cumulative area of 15.07 ha. in the name of M/s Darshan Granites pvt ltd. Now as suggested in the SEAC meeting, Sri. T.K. Sundaresan has submitted revised approved mine plan for the combined area of 15.07 ha (govt. land and own land) in the name of M/s Darsan Granites Pvt Ltd. The proponent already submitted the additional processing fee for total area.

The Authority decided to consider the proposal on submission of a revised application for the transfer of ownership in the name of Sri.Sundaresan, Managing Director, M/s Darshan Granites and return the proposal to SEAC for reappraisal.

Item No: 67.06 Environmental Clearance for the quarry project in Sy. Nos. 3/5pt, 3/6pt, 3/8pt, 11/2, 11/4, 12/6, 12/3, 12/2, 12/5, 11/3, 10/3-1, 10/4, 10/2-1, 16/3, 17/8, 18/1pt, 11/7 at Thottapuzhassery Village, Thottapuzhassery Panchayath, Thiruvalla Taluk, Pathanamthitta District, Kerala by the Managing Partner, Aby Mathew for Panachayil Industries (File No. 960/EC4/4470/2015/SEIAA).

Aby Mathew, Managing Partner for Panachayil Industries vide his application received on 27/10/2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos. 3/5pt, 3/6pt, 3/8pt, 11/2, 11/4, 12/6, 12/3, 12/2, 12/5, 11/3, 10/3-1, 10/4, 10/2-1, 16/3, 17/8, 18/1pt, 11/7 at Thottapuzhassery Village, Thottapuzhassery Panchayath, Thiruvalla Taluk, Pathanamthitta District, Kerala for an area of 7.1122 hectares. The quarry is working from February, 2007 with three mining leases i.e., The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dtd. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

- 1.) 4.0541 ha. (Order No. 561/2008-09/10672/M3/2008 and valid up to January, 2021) which is accorded with Environment Clearance.
- 2.) 1.2175 ha (Order No. 704/2006-07/553/M3/07 and valid up to February, 2019) which is accorded with Environment Clearance.
- 3) 1.2219 ha. (Order No. 142/2010-11/4223/M3/2010 and valid up to August, 2022) which is accorded with Environment Clearance..

It is noted that Environmental Clearance has been issued to the same proponent by SEIAA, Kerala vide Order No. 34/SEIAA/KL/6089/2012 dt. 14/11/2012 for a cumulative area of 2.5036 ha (0.63 ha + 1.8736 ha.) and vide Order No. 145/SEIAA/EC4/2746/2013 dt. 04/01/2016 for an area of 4.0429 ha.

The proposal was considered in 58th SEAC meeting held on 28th& 29th June, 2016 and recommended for issuance of EC for mining subject to the general conditions. The proponent agreed to set apart Rs 31 lakhs (non-recurring) and 33 lakhs per annum (recurring) for the next 5 years for the welfare of the local community. The proponent also agreed to spend this amount in consultation with the local panchayath.

The proposal was considered in the 57th meeting of SEIAA held on 26th August 2016 and also in the 61st meeting of SEIAA, held on 30th November 2016 and decided to return the proposal for site inspection report at the earliest.

The proposal was considered in the 68th SEAC Meeting held on 20th & 21st February 2017 and decided to defer the item for site inspection.

Subsequently, field visit to the Quarry project site of M/s Panachayil Industires, Thottapuzhasserry village Pathanamthitta district, was carried out on 25.02.2017 by the sub-committee of SEAC, Kerala, comprising Dr. Keshav Mohan and Sri. John Mathai.

This project is located at about 5 km north of Kozhencherry with its approach from Thadiyoor Kuravankuzhy road. Boundary pillars of the plot are erected and numbered as given in the surface plan with the respective coordinates. Entire area has been provided with fence. The rock type is dominantly Charnockite. This site is mostly an old quarry pit with steep cliff like boundary on the south and east. Bench formation is limited to the western part. The general slope is towards northwest. Storm water from the old workings is channelized into a pit on the north-western part that functions as RWH structure. The service block and associated facilities are located on the extreme northern part adjacent to the road. Floral and faunal biodiversity is not observed as the area is mostly rocky and disturbed. Dwelling units are not observed in the vicinity. 100 m buffer distance is provided from the public road. Two quarries of M/s Panachayil and M/s Kuzhuvomannil are located within 500m, but their combined area with this project is less than 25 ha. Based on an overall evaluation of the site it can be recommended subject to the following condition.

At the base of the worked out pit with cliff like structure, at least 15 m buffer distance is to be provided as a no development zone as a measure of safety.

The proposal was placed in the 69th meeting SEAC held on 9th & 10th March 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific condition for mining.

- 1. At the base of the worked out pit with cliff like structure, at least 15 m buffer distance is to be provided as a no development zone as a measure of safety.*
- 2. If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The proponent agreed to set apart Rs.31 lakh (non-recurring) and Rs.33 lakh per annum (recurring) for CSR activities. The proponent also agreed to spend this amount in consultation with the local Panchayat for the welfare of the local community.

The Authority decided to issue Environmental Clearance with the above specific conditions in addition to the general conditions as recommended by SEAC in its 69th meeting held on 9th & 10th March 2017 subject to obtaining legal opinion as decided in the 66th SEIAA meeting whether quarrying on lease without Environmental Clearance also come under the scope of violation.

Item No: 67.07 **Environmental clearance for the quarry project in Sy. No. 274/2,3,1-2, 273/1-2,1-3,2,3, 282/1,2 at Mazhuvannoor, Village, Kunnathunad Taluk, Ernakulam District, Kerala by Sri. V. N. Pavithran (Owner), M/s Megha Granites (File No. 542/SEIAA/KL/3886/2014)**

Sri. V. N. Pavithran (Owner), M/s Megha Granites, Vattappara House, Karattupallikkara, P.O.- Perumbavoor, Ernakulam District vide his application dated 22/07/2014, has sought Environmental Clearance under EIA Notification, 2006 for the Proposed expansion of Building Stone Quarry in Sy. No. 274/2,3,1-2, 273/1-2,1-3,2,3, 282/1,2 at Mazhuvannoor, Village, Kunnathunad Taluk, Ernakulam District, Kerala for an area of 9.7 Hectares. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II (M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dtd. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

The proposed project site falls within Latitude (N) 10°02'44.50"N to 10°02'51.56"N Longitude (E) 76°28'44.01"E to 76°28'54.04"E. The lease area consists of 9.7 hectares, which includes own private land. The total mine lease area is 9.7 Ha. The proposed project is for quarrying of 1,50,000tpa of building stone.

The proposal placed in the 53rd meeting of SEAC Meeting, Kerala, held on 25th and 26th February, 2016, expressed the opinion to revise the CSR making it more realistic to the local needs and was deferred for field visit.

The site visit was conducted by Subcommittee of SEAC on 15.07.2016, comprising Dr. K.G. Padmakumar and Sri. John Mathai. The details of which are given below:

The project is located at about 1 km west of Rubber Park at Airapuram. This quarry lease area falling in own land occupy the southern slopes of a hill ridge exposing hard rock. On the southern flank and adjacent area, other quarries are noted. Boundary pillars of the plot are erected and numbered displaying GPS values. The rock type is variants of charnockite. The lease area is currently being worked with leases valid upto 2018 and 2024. In the working area formation of benches, storm water management with water being pumped out of the central pit that functions as RWH structure, dust suppression mechanism etc are seen. However, very steep cuttings are seen in the worked out area without any protective fencing. The water that is pumped out is not clarified. Top soil and OB is not stored in a planned manner. The quarry has a crusher unit. Floral and faunal biodiversity is not observed as the area is cleared of natural vegetation. Green belt is not planned in the non-quarry zone. Dwelling units are not seen within 100 m.

Based on an overall evaluation of the site, following conditions may be fulfilled before it is recommended for EC:

- 1. A certificate from the District Geologist to be produced on the details of quarries within 500m of the proposed lease area. The name of quarry and the respective area under permit/lease is to be provided to verify the cluster situation.*
- 2. The certificate that the land is not assigned for special purposes.*
- 3. Top soil and Over burden should be stored in a designated place on the lower slope away from the working area and provided with protective support walls.*
- 4. The steep cuttings flanking the main haulage should be provided with protective fencing. Proper sign boards are also to be erected as per rules. The main road leading to the working faces to be maintained in a motorable condition.*
- 5. The water draining into the valley will need clarification. It must be managed by providing a RWH/desiltation structure. The existing bund is only a temporary measure. A catch water drain is needed on the lower slopes leading to the desiltation structure.*
- 6. Assurance that green belt will be provided especially on the eastern side and close to the entrance. The approach road at the entrance also needs rectification for entry of smaller vehicles.*
- 7. The CSR activity needs revision addressing the needs of the locality.*

The proposal was placed in the 60th meeting of SEAC held on 28th and 29th July, 2016 and deferred the item and the proponent was asked to submit the above details.

As the proponent submitted the document the matter was again placed in the 63rd meeting of SEAC held on 04th October, 2016. Committee found that details provided by the proponent are not adequate and also noted that other quarries are working near to this quarry. Hence a comprehensive list of quarries presently operating within 500m of this quarry area in Mazhuvannur village was asked to be sought from the District Geologist for taking a decision in the matter.

The proponent has submitted a certificate from the District Geologist (No.DOE/2296/E2/16 dt.04.01.2017) listing the no. of quarries within the 500m radius.

The proposal was finally considered in the 67th Meeting of SEAC held on 27th January 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific conditions for mining.

- 1. The steep cuttings flanking the main haulage should be provided with protective fencing. Proper sign boards are also to be erected as per rules. The main road leading to the working faces to be maintained in a motorable condition.*
- 2. The water draining into the valley will need clarification. It must be managed by providing a RWH/desiltation structure. The existing bund is only a temporary measure. A catch water drain is needed on the lower slopes leading to the desiltation*

structure.

3. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*
4. *The CSR activity needs revision addressing the needs of the locality.*

The Proposal was placed in the 65th meeting of SEIAA held on 22nd March 2017 and noted that the lease area is 9.7 ha with the Lease No 648/2011-2012/5692/M3/2011 dated 23-12-2011. Therefore it needs to be ascertained whether there is violation, since the quarry is reported to be working before 2012 without Environmental Clearance. In the light of the Government of India (MoEF) Circular No.804 E dt.14.03.2017 this will be examined thoroughly and placed in the next meeting.

The proponent vide e-mail dt.27.04.2017 has informed that the quarry is currently working based on the quarry lease sanctioned from DMG through order No 648/2011-2012/5692/M3/2011 Dated 23-12-2011 for an area-4.1800 Ha in Sy. No. 273/1-2,273/1-3,23/2, 273/3, 282/1, 282/2, 273/1-2 (pt) valid up to 03-01-2024.

The Authority decided to issue Environmental Clearance with the above specific conditions in addition to the general conditions as recommended by SEAC subject to obtaining legal opinion as decided in the 66th SEIAA meeting whether quarrying on lease areas without Environmental Clearance also come under the scope of violation.

Item No:67.08 Environmental clearance for the quarry project in Sy.No.67 (Pt) at Kakkad Village, Kozhikode Taluk, Kozhikode District, Kerala by Sri. P.K. Abdul Razack (File No. 660/SEIAA/EC4/5175/2014)

Sri. P.K. Abdul Razack, Managing Partner, M/s Selva Bricks and Metals, Poolakandy house, Chennamangaloor, Mukkham P.O, Kozhikode-673602 vide his application received on 30-10-2014 has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. No. 67 (Pt) at Kakkad Village, Kozhikode Taluk, Kozhikode District for an area of 9.2995 hectares. The project comes under Category B, Activity 1(a), (i) as per the Schedule of EIA Notification 2006 (since it is below 50 hectares) and as per O.M. No. L-11011/47/2011-IA.II(M) dated 18th May 2012 of Ministry of Environment and Forests. It is further categorized as Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dated 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

The land use classification as per revenue records is private land. The lease area consists of 9.2995 hectares, which is private land. The quarry is interlinked with crusher unit. A quantity of 1,24,696 tons of top soil and 3,02,000 tons of mine waste will be removed

during the mining operations. The proposed site falls in the Zone-III, moderate damage risk zone as per BMTPC, vulnerability Atlas seismic zone of India IS:1893-2002. Other details of the case are as under:

The proposal was considered in the 57th Meeting of SEAC held on 16th&17th June 2016 and decided to Recommend for issuance of EC for mining subject to the general conditions along the specific condition that the depth of mining shall be limited to 75 m.

The proposal was considered in the 56th meeting of SEIAA held on 23rd July 2016 and noted that the lease area consists of 9.2995 hectares. The highest elevation of the lease area is 195 m MSL and lowest is 40 m MSL. Distance of mining area from nearest human settlement is 43 m-SE.100 m buffer distance is proposed to be kept between the nearest house and the proposed mining area. Site inspection has not been conducted.

Authority decided that site inspection report of the SEAC is necessary in this case with clarification whether the distance to the nearest dwelling unit is not to be measured from the boundary of the lease area. It may also be clarified whether the Mining Plan need not be modified if buffer distance of 100 meters is to be kept from the nearest dwelling unit as undertaken”.

According to the decision of SEIAA, the proposal was again considered in the 62nd meeting of SEAC held on 06th& 07th September, 2016 and decided to defer the item for field visit’.

Accordingly, the Subcommittee of SEAC had conducted the field visit. Field inspection report is given below.

“Field visit to the site was carried out on 12 Nov 2016 by Dr. P.S. Harikumar and Dr.KhaleelChovva. The representatives of the proponent were present during the site inspection. The land is a private land. The lease area consists of 9.2995 hectares. The quarry has a crusher unit. The overburden is not collected and stored at a specific site. No fencing and protection is provided around the site. From the boundary of the lease area no dwelling unit was noticed within 100 m.

The following specific conditions are suggested.

1. *The depth of mining shall be limited to 75 m.*
2. *Fencing and protection measures including sign boards should be provided around the quarry site.*
3. *The over burden should be stored at a specific site*
4. *The water from the site should be channelized, conserved and clarified before discharge*
5. *Provide a green belt around the site*

In addition to the general conditions the above specific conditions needs to be complied with”.

The proposal was considered in the 67th Meeting of SEAC held on 27th January 2017.

The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee observed that the Mining Plan itself is prepared providing adequate buffer between the existing dwelling unit in the south-eastern side of the lease area. As per the Mining Plan quarrying operations will be carried out only after observing the mandated distance of 100 m from the existing residential building. The Sub Committee members clarified in the meeting that no dwelling units were noticed within 100 mts of proposed quarrying area.

So the Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific conditions.

1. *The depth of mining shall be limited to 75 m.*
2. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*

The proponent agreed to set apart Rs.15 lakhs (non recurring) and Rs.8 lakhs per annum (recurring) for next 5 years for CSR activities for the welfare of the local community.

The proposal was placed in the 65th meeting of SEIAA held on 22nd March 2017. The Authority observed that the quarry is operational since 2010 with Lease No- 236/2010-11/2759/M3/2010 dated on 7/7/2010 for 9.2995 Ha. Therefore this will be examined thoroughly whether there is violation in the light of the circular No.804 E dt.14.03.2017 of MoEF, Government of India and should be placed in the next meeting.

The proponent stated in the basic details that the Quarry is working based on the lease sanctioned by DMG with Order No 236/2010-11/2759/M3/2010 Dated on 7/7/2010 for an area of 2.0235 Ha and the validity of the lease is up to 12-7-2022.

The Authority decided to issue Environmental Clearance with the above specific conditions in addition to the general conditions as recommended by SEAC subject to obtaining legal opinion as decided in the 66th SEIAA meeting whether quarrying on lease areas without Environmental Clearance also would come within the scope of violation.

Item No:67.09 Environmental clearance for the proposed quarry project in Sy.No.267/1(pt), 267/2(pt), 269/1(pt), 270/1, 270/2(pt), 270/3(pt), 270/4(pt), 270/5(pt), 270/6(pt) & 276/1(pt) at Nediyruppu Village, Kondotty Taluk, Malappuram District by Sri.Muhammed Haneefa (File No. 730/SEIAA/EC1/02/2015)

Sri.Muhammed Haneefa (Owner), S/o Muhammed Kutty Haji,Kari House, Chirayi (PO), Kondotty (via), Malappuram District, Kerala-673638, vide his application received on 01-01-2015, has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos. 267/1(pt), 267/2(pt), 269/1(pt), 270/1, 270/2(pt), 270/3(pt), 270/4(pt), 270/5(pt), 270/6(pt) & 276/1(pt) at Nediyruppu Village, Kondotty Taluk, Malappuram District, Kerala State for an area of 7.3685 Ha. The project comes under Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dtd. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares

The proposal was first considered in the 57th Meeting of SEAC held on 16th&17th June 2016 and recommended for issuance of EC for mining subject to the general conditions and to the specific condition that the depth of mining shall be limited to 70m. The proponent agreed to set apart Rs. 10 lakhs (non-recurring) and 5 lakhs per annum (recurring) for next 5 years for CSR activities for the welfare of the local community. He also agreed to spend this amount in consultation with the local Panchayath. The committee noted that this is a working quarry and proponent also admitted that the quarry is presently operational based on the permit. The committee found that it is a case of violation. This may be looked into by SEIAA.

Hence the proposal was considered in the 56th meeting of SEIAA held on 23rd July 2016. In view of Permit quarries which are working based on earlier Government Orders and on various Orders of High Court. Hon: Supreme Court in S.L.P. No. 33130/15 has ordered status quo in such cases, which has been further clarified on 07-12-2015 that “the state of Kerala shall pending further orders from this Court renew all existing permits for a further period of one year and status quo order shall not be interpreted to mean that the same is an impediment for such renewal”. In view of the permissive sanction of the Hon: Supreme Court action for violation may not be initiated.

Hence the proposal was again considered in the 62nd SEAC meeting held on 6th& 7th September 2016. The recommendation of the Committee with regards to the violation was made keeping in mind the decision of the Hon High court on 07.12.15 in WP© 34463 of 2015. In the above judgement Hon Court has struck down the provision to rule 12 of the Mining Rules. The committee was not aware of the decision of the Hon. Supreme Court in SLP 33130/15 pointed out by SEIAA. However now on perusing the order the Committee is of the opinion that the above order cannot be interpreted as an order directing renewal permits without E.C. Moreover so long as the High Court Judgment on 07/12/15 is not stayed by the Supreme Court it prevails. The Committee pointed out the violation because the proponent himself admitted that the quarry was in operation without EC. In his light of the above facts the SEIAA may take an appropriate decision in the matter.

It has been clarified in several decisions of SEIAA (in earlier minutes) that Environmental Clearance for quarrying of mining area less than 5 ha was made mandatory

only after 27.2.2012. Thereafter up to January 2015, State Govt. had given exemption. Hence violation on account of want of Environmental Clearance arises only if it was a mining area of more than 5 ha, in which operation started before 27.2.2012. If not it would be contempt of Supreme Court Orders.

In the 60th meeting of SEIAA held on 27th October 2016th the Authority decided to defer the case for legal opinion in the light of the interpretation of SEAC.

The legal opinion of VidyalakshmiVipin, Advocate & Standing Counsel of SEIAA at NGT dt.07.03.2017 is received in SEIA Office on 08.03.2017. Her opinion is based on considering the Form I for issuing Environmental Clearance for Building Stone Quarry of Mohammed Haneefa. The extent of existing quarry is 2.632 ha. The new application is for EC for lease Area of 7.3685 ha. Referring several case laws and legal provisions she has opined that “ the application for Building Stone quarry of Mohammed Haneefa can be considered for Environmental Clearance after placing all relevant documents including and not limiting to Form I, Prefeasibility report before SEAC for their appraisal and making a detailed appraisal in accordance with law”.

The Authority in its 65th meeting held on 22nd March 2017 decided to ascertain whether the quarry is working without EC and place in the next meeting for a decision.

The proponent informed in writing in the signed basic details that the proposed quarry is not working. Quarry worked only up to 03-12-2016 based on quarry permit provided by DMG.

The Authority decided to issue Environmental Clearance for mining subject to the general conditions and to the specific condition that the depth of mining shall be limited to 70m. An affidavit to this effect should be submitted before the issuance of Environmental Clearance.

Item No:67.10 Environmental clearance for the proposed quarry project in Sy.Nos. 51pt, 47/1pt & 49/2pt in Kizhuparamba village, Ernad Taluk, Malappuram District, Kerala application of Sri. K. Kunhimoyin (Managing Partner), M/s Friends Crushers (File No. 861/SEIAA/EC1/2990/2015)

Sri. K. Kunhimoyin (Managing Partner), M/s Friends Crushers, Valillapuzha Post, Areacode Via., Malappuram District, Kerala-673639, vide his application received on 29-07-2015 has sought Environmental Clearance under EIA Notification, 2006 for the quarry project of 4.8844 hectares in Survey Nos. 51pt, 47/1pt & 49/2 pt, Kizhuparamba Village & Panchayat, Ernad Taluk, Malappuram District, Kerala. The proposed project site falls within Latitude (N) 11^o16'05.74" to 11^o15'58.90", Longitude (E) 76^o01'50.75" to 76^o01'38.23". The land use classification as per revenue records is private own land with native plantation. The present land use is rocky land. The current proposal is for the existing quarry with pit

area of 4.8844 hectares and mineral specific. Hence no alternate site was examined. The proposed project is for quarrying of 2,00,000 MTA of building stone.

The proponent has submitted the approved mining plan as per KMMC Rules-2015. The proposal was placed in the 61st meeting of SEAC, Kerala, held on 11th August, 2016 and decided to defer the item for field visit”.

Accordingly, the Subcommittee of SEAC had conducted the field visit. Field inspection report is given below.

“Field visit to the site was carried out on 12 Nov 2016 by Dr. P.S. Harikumar and Dr KhaleelChovva. The representatives of the proponent were present during the site inspection. The proposed project site falls within Latitude (N) 11^o16’05.74” to 11^o15’58.90”, Longitude (E) 76^o01’50.75” to 76^o01’38.23”. The land use classification as per revenue records is private own land with native plantation.

It is an existing quarry. The quarry is operating without adequate protection. No fencing was seen around the site. Sign board were also absent. The quarry site is very steep and overburden can be seen on the top. No retaining structure noticed on the top of the site. The slope has to be ascertained. No human settlement noticed within 100 m from the quarry. The drainage is not proper. There is no proper mechanism seen in the site to conserve the water. The following Specific Conditions are suggested

- 1. A proper retaining structure should be provided at the top of the quarry to prevent any land slide*
- 2. Over burden should be stored in the designated places on the lower part and provided with protective support walls*
- 3. The storm water collection should be properly designed and maintained. A settling pond should be provided to clarify the water flowing from the site*
- 4. The proponent should provide fencing all around the quarry and proper sign boards should be displayed.*

In addition to the general conditions the above specific conditions needs to be complied with.

The proposal was considered in the 67th Meeting of SEAC held on 27th January 2017. The Committee appraised the proposal based on Form I, Pre-feasibility Report, Mining Plan, field inspection report of the Sub Committee and all other documents submitted with the proposal. The Committee decided to Recommend for issuance of EC subject to general conditions in addition to the following specific conditions for mining.

- 1. The over burden is seen to have been stored on the top of the quarry site, with every possibility to slip down during monsoon. Hence all over burden shall be taken to store in the lower portion of the quarry site.*

2. *If any plant species endemic to Western Ghats are noticed in the area they shall be properly protected in situ or by transplanting to an appropriate location inside the lease area.*
3. *The storm water collection should be properly designed and maintained. A settling pond should be provided to clarify the water flowing from the site*

The proponent agreed to set apart 6.2 lakh (non-recurring) and Rs.10.71 lakh per annum (recurring) for CSR activities for the welfare of the local community in consultation with the local Panchayat.

The Authority in its 65th meeting held on 22nd March 2017 decided to 'defer the case to examine whether the quarry was in operation without EC on expiry of permit/lease period. It should be placed in the next meeting after confirmation. The project proponent should submit a copy of lease /permit.

The proponent informed through the basic details submitted on 24/4/2017 that the quarry was working with a short term permit which had expired on 01.12.2016. An area of 0.82 ha which is a part of the present proposed area of 4.8844 ha is having a lease which is valid upto 18.12.2017 (valid for 10 years from 19/12/2007) issued by Mining & Geology Department, Govt. of Kerala. The proponent has submitted an affidavit stating that there is no quarrying taking place at the site.

The Authority decided to issue Environmental Clearance with the above specific conditions in addition to the conditions as recommended by the inspection report subject to obtaining legal opinion (as decided in the 66th SEIAA meeting) whether quarrying on lease without Environmental Clearance also comes under the scope of violation.

Item No:67.11

Environmental clearance for the proposed Residential Project by M/s Claysys lifestyle Pvt. Ltd. in Survey nos. 392/30, 392/31, 395/7-3, 395/7-4, 392/28, 392/29, 395/1-5, 395/1-6 in Block 36 at Kunnathunadu Village, Puthencruz Panchayath, Kunnathunadu Taluk, Ernakulam District, Application of Mr. P.V.S. Vinod Tharakan, M/s Claysys lifestyle Pvt. Ltd. (File No. 867/SEIAA/ EC3/3098/2015)

Sri.P.V.S. Vinod Tharakan, Managing Director, M/s Claysys Lifestyle Pvt. Ltd., vide his application received on 05-08-2015 and has sought environmental clearance under the EIA Notification, 2006 for the proposed Residential Project by M/s Claysys lifestyle Pvt. Ltd. in Survey nos. 392/30, 392/31, 395/7-3, 395/7-4, 392/28, 392/29, 395/1-5, 395/1-6 in Block 36 at Kunnathunadu Village, Puthencruz Panchayath, Kunnathunadu Taluk, Ernakulam District. It is inter alia, noted that the project comes under the Category B, 8(a) of Schedule of EIA Notification 2006.

The total plot area of the proposed project is 0.6792 Ha and the built up area is 22,603.7 Sq.m. The maximum numbers of apartments are 103 and 12 individual houses (6 Villa + 3 duplex). The parking proposed is for 131 cars and 50 two wheelers. No forest land

is involved in the present project. The total power requirement is 1,130 kVA and the sources are Kerala State Electricity Board and D.G. Sets (standby). The total cost of the project is 55.94 Crores.

The proposal was placed in the 55th meeting of SEAC held on 10th, 11th & 20th May, 2016 and decided to defer the item for field visit by a sub-committee consisting of Sri. Ajayakumar and Sri. John Mathai.

Field visit to the above project site was carried out on 22.06.2016 by the Sub-committee members of SEAC, Kerala, comprising Sri. Ajayakumar and Sri. John Mathai. The proponent and his associates were present at the site. Approach road, influence on the irrigation canal, storm water management, component of RWH, cutting and levelling, parking provisions etc were examined. Work has been initiated in the first part for which necessary permits have been obtained.

Following points may be considered before recommending the project.

- 1. The approach road is from an elevated part opening to the public road on the eastern side. Another entry/ exit is also provided on the western side to another public road with limited width.*
- 2. The entry road level is 14 m above lower basement. Excavation is not planned at the lower level but planned at the central part. The details of excavation with quantity should be provided with section and plan.*
- 3. RWH facility to be enhanced to at least 15 days daily requirement to ease the dependence on public water supply.*
- 4. Mechanism for waste treatment and disposal was explained. Treated water should not be let into the canal.*
- 5. Use of solar energy for the building is planned. The detailed plan with quantity to be given.*
- 6. One of the sources of water is reported as borewell in the site. Dependable yield with yield test to be provided.*
- 7. The mechanism for insulating the walls and floors of the building was explained. This would reduce the energy consumption.*

The proposal was placed in the 59th meeting of SEAC held on 11th & 12th July, 2016 and deferred the item for submission of clarifications sought in the field visit report. As the proponent submitted the documents the proposal was again placed in the 60th meeting of SEAC held on 28th & 29th July, 2016. The proposal was appraised by the committee considering Form I, Form IA, Conceptual plan, field visit report and all other documents and details provided by the proponent as sought by SEAC during the appraisal process. Details of excavation *i.e.* 2730 m³ cutting and 2780 m³ filling has been provided with the sectional drawing.

The proposal is Recommended for issuance of Environmental Clearance with general conditions in addition to specific conditions as follows.

1. The proponent shall provide rainwater storage tank capacity of 870 KL equal to 15 days daily requirement as agreed.
2. Proponent shall install 100 KW solar panel in each apartment tower ie. 5 KW solar panel in each villa as agreed.

The Authority considered the proposal in its 59th meeting held on held on 27th September 2016. Authority observed that 'Field visit to the project site was carried out on 22.06.2016 by a Sub-committee members of SEAC report on which states that; *'Work has been initiated in the first part for which necessary permits have been obtained'*. Authority wanted to get it clarified as to what are the works started and the extent. Field inspection report may also be furnished'.

The proposal was considered in the 67th Meeting of SEAC held on 27th January 2017. The proponent has started the construction of the building having an area below 20,000m² after getting necessary permission form local bodies, the work of which have already commenced. Later on he has modified the plan having an area above 20,000m² and therefore he applied for the EC and the above application was processed and recommended by SEAC after a field visit by sub committee. In the field visit of the sub committee is annexed at page no. 66 of the correspondence file. This fact is informed to SEIAA for further necessary action.

SEIAA in its 65th meeting held on 22nd March 2017 decided to enquire the extent of construction, particularly that of the vertical structure, the built up area of apartments alone, and whether it is really below 20,000 sq.m in order to ascertain whether there is violation. The Authority decided to consider the case in the next meeting after collecting the above mentioned details.

Now the proponent has clarified by his letter dated 27.03.2017 that the proposed project is a construction of two multi-stories residential towers and 11 individual villas and that have started construction only for two villas of a total built-up area of 162.3 sq.m. The construction for the multi-storied residential towers and 9 individual villas are not started yet (i.e. all further constructions are horizontal expansion). Hence it does not come under the scope of violation.

The Authority decided to issue Environmental Clearance with specific conditions in addition to the general conditions as recommended by SEAC in its 60th meeting held on 28th & 29th July 2016 and the conditions mentioned in the inspection report. An affidavit to this effect should be submitted before the issuance of Environmental Clearance.

Item No. 67.12 **Environmental clearance for the proposed quarry project in Sy. Nos. 154/1A, 154/3-3, 154/1-1, 155/1-1, 153/2-2, 154/1, 154/2-1A, 154/2-2, 152/3 (Karavaram village), 3/7, 4/2 (Nagaroor village), Chirayinkeezhu & Varkala Taluk, Trivandrum District, Kerala**

application of Sri. V. Saseendran, M/s Anjali Industries (File No. 781/SEIAA/EC1/1101/2015)

Sri. V.Saseendran, S/o. Vasavan, Kizhakkumkara Veedu, Karavaram P.O, Thottakkadu, Kallambalam, Chirayinkeezhu, Thiruvananthapuram – 695605, vide his application received on 30.03.2015 has sought Environmental Clearance under EIA Notification, 2006 for the quarry project in Sy. Nos. 154/1A, 154/3-3, 154/1-1, 155/1-1, 153/2-2, 154/1, 154/2-1A, 154/2-2, 152/3 (Karavaram village), 3/7, 4/2 (Nagaroor village), Chirayinkeezhu & Varkala Taluk, Trivandrum District, Kerala for an area of 3.05.12 hectares. The project comes under Category B2 as per the O.M. No. J-13012/12/2013-IA-II (I) dtd. 24.12.2013 of Ministry of Environment and Forests, since the area of the project is below 25 hectares.

The proposal was considered in the 64th meeting of SEAC held on 16/17-11/2016. On verification of the proposal the committee observed that the proponent has submitted two mine plans and two Form 1 applications. But he has remitted processing fee only for one application. The committee decided to point out this omission to SEIAA for further necessary action. Hence the item was deferred.

The proponent has submitted two application for two areas which include 0.65.74 ha (Sy.No.4/2, 3/7) in Nagaroor Village and 2.07.79 ha (Sy.No. 154/1A, 154/3-3, 154/1-1, 154/1, 154/1A, 155/1-1, 154/1, 154/2-1A) in Karavaram Village. He also submitted two approved Mining plan. While the proposal was considered in the 64th meeting of SEAC, the committee point out that the proponent has remitted processing fee for only one project. So the Committee returned the proposal back to SEIAA for appropriate scrutiny.

After the decision of SEAC the proponent has remitted the fee for the other project also. Now the proponent has requested to withdraw one proposal which is in Karavaram Village having an area of 2.07.79 ha. As the said project is below 5 ha the proponent informed that he would like to submit the project in District level.

Authority decided to give him permission to withdraw one application which is in Karavaram Village and return the other proposal which is in Nagaroor Village in Sy.No.4/2, 3/7 having an area of 0.65.74 ha to SEAC for appraisal.

Item No: 67.13

Environmental clearance for the quarry project in Sy. No. 148/6, 145/6, 145/5, 145/9, 145/3, 148/3, 145/7, 148/4, 145/6-1, 148/10, 145/8, 145/3-1, 145/2, 146/8, 150/1-1, 148/9 at Ezhumattoor Village, 158/3, 159/14-1, 159/15 at Kottangal Village, Mallappally Taluk and Pathanamthitta District, Kerala-686661 by Sri. K.A. Thomas, Mallappally Taluk, Pathanamthitta Dist.For M/s T.M. Constructions of Sri. K.A. Thomas. (File No.899/SEIAA/EC4/ 3460/2015)

Sri.K.A. Thomas, Managing Partner, MML No. XX/466, Muvattupuzha, Ernakulam Kerala-686661 vide his application received on 25/08/2015, has sought Environmental

Clearance under EIA Notification, 2006 for proposed quarry Project at Sy. No. 148/6, 145/6, 145/5, 145/9, 145/3, 148/3, 145/7, 148/4, 145/6-1, 148/10, 145/8, 145/3-1, 145/2, 146/8, 150/1-1, 148/9 at Ezhumattoor Village, 158/3, 159/14-1, 159/15 at Kottangal Village, Mallappally Taluk, Pathanamthitta District, Kerala-686661 for an area of 4.5491 hectares.

The proposal was considered in 55th SEAC held on 10th, 11th and 20th of May, 2016. The Committee deferred the item for site inspection and decided to examine the complaint received from Sri. Biju Kumar, T.R during the time of field visit.

Field visit to the Quarry project site of M/s T.M. Constructions., Ezhumattoor and Kottangal Village, Mallappally taluk, Pathanamthitta district, Kerala was carried out on 08.07.2016 by the sub-committee of SEAC, Kerala, comprising Dr. Keshav Mohan and Sri. John Mathai. The representatives of the proponent were present at the site at the time of site visit. The report is as follows:

The project is located at about 2 km SSE of Vaipur. This quarry lease area of 4.5491 ha falling in own land occupy the northern slopes of a hill ridge exposing hard rock. On the southern flanks are two other quarries for which EC has been recommended. Boundary pillars of the plot are erected and numbered displaying GPS values but not the quarry area. The rock type is variants of charnockite. The lease area is currently not being worked but shows old working pits. The thickness of OB and top soil varies with relatively deeper cover on the foot hill zone near to the road. The storm water from the entire area is likely to flow as sheet flow into the lower valley part to meet the stream. Rubber plantation is the dominant land use. Floral and faunal biodiversity is not observed as the area is cleared of natural vegetation. Dwelling units are seen within 100 m on the north-eastern side close to the road.

Based on an overall evaluation of the site, following conditions may be fulfilled before it is recommended for EC:

- 1. Though the area under ownership is demarcated, the Mine lease area with boundary pillars is not demarcated precisely. It should be carried out on a priority basis and intimated. The areas with top soil and OB in excess of 2 m seen close to the road are to be avoided while demarcating the quarry area. The quarry area can be on the upslope of the old workings.*
- 2. Top soil and Over burden should be stored in a designated place on the lower slope away from the working area and provided with protective support walls.*
- 3. The water draining into the valley will need clarification once the quarry is in operation. It must be managed by providing a RWH/desiltation structure. A catch water drain is needed on the lower slopes leading to the desiltation structure. Near to the entry the approach road crosses a stream without any culvert.*
- 4. Settlements are seen adjacent the road. A clear aerial distance in excess of 100 m should be provided. As such there are complaints about the method of working and the time of operations in the past.*

5. *The approach road is narrow and need to be widened and surfaced for the movement of heavy vehicles.*
6. *The CSR activity needs revision addressing the needs of the locality.*

The proposal was considered in the 60th SEAC meeting held on 28-29th July, 2016 and deferred the item that the proponent was asked to submit the additional documents clarifying the above conditions suggested by SEAC.

The proposal was considered in the 64th Meeting of SEAC held on 16th and 17th November 2016. The committee verified the additional documents submitted by the proponent and found satisfactory. Based on the Mining plan, Form.1, all other documents submitted with the proposal and the field visit report, the committee decided to recommend the item subject to the following specific conditions in addition to the general conditions.

1. The areas with top soil and OB in excess of 2 m seen close to the road are to be avoided while quarrying.
2. The approach road is narrow and need to be widened and surfaced for the movement of heavy vehicles.
3. 100M clear distance from quarrying area and residential buildings shall be strictly observed.
4. The CSR is modified for an amount of 7 lakhs per annum for recurring activities & 6 lakhs for non-recurring activities.

As per the new Rules, Lease/permit to the quarries are issued by the Department of Mining & Geology only after the receipt of environmental clearance from concerned Authority.

SEIAA in its 62nd meeting held on 23/12/2016 noticed the observation of 60th meeting of SEAC held on 28th& 29th July 2016 that there are complaints about the method of working and the time of operation in the past. Also in the inspection report it is noted that dwelling units are seen within 100 m on the north eastern side close to the road. Therefore the Authority authorised SEIAA Chairman and Member to inspect and verify the above aspects and method of working of the quarry.

As directed by the 62nd SEIAA meeting held on 23.12.2016, Chairman and the member of SEIAA visited the quarry project site of M/s TM Construction of K.A Thomas at Ezhumattoor and Kottangal Village, Mallappally Taluk, Pathanamthitta District on 03/03/2017. Survey Nos. Are 148/6, 145/6, 145/5, 145/9, 145/3, 148/3, 145/7, 148/4, 145/6-1, 148/10, 145/8, 145/3-1, 145/2, 146/8, 150/1-1, 148/9 at Ezhumattoor Village & 158/3, 159/14-1, 145/5 at Kottangal Village. The report is as follows:

Mining started in 2005 on permit. Permit period expired on 15.01.2016 and hence there is no mining work at present.

The project was submitted on 25.08.2015 for E.C. The project is located at about 2 km SSE of Vaipur, quarry lease area is 4.5491 ha of his own land. Quarrying mainly of building stone for 48569 m³ annually. It is now not working since 15.01.2016. Topography of

the land is hilly and there is no overburden. The mine lease area with boundary pillars are not demarcated. The lease area with a latitude of N 09°25'53.36" and Longitude E 76°42'46.37". The lease area shows old working pits, the land occupy the northern slopes a hill ridge exposing hard rock. There is no possibilities of land slides and soil erosion. Dwelling units are seen within 100 ms on the north eastern side close to the road. There is no fencing around the quarry. Mining is not done by bench formation. Floral and faunal biodiversity is not observed as the area is cleared of natural vegetation. The approach road is narrow and need to be widened and surfaced for the movement of heavy vehicles. There is no facility of Rain Water Harvesting. The total cost of the project and CSR are not clearly mentioned.

There is one complaint against the quarry by Sri.Biju Kumar, Thekkumplakkal, Ezhumattoor P.O and others. The complainant had requested for a hearing before EC is recommended.

On the overall evaluation the application may be recommended for EC with the following specific conditions.

1. *The dwelling units within 100 m should be demolished before EC is issued.*
2. *Quarrying should be scientifically done with bench formation.*
3. *Fencing should be done around the lease area with barbed wires.*
4. *The approach road should be widened and surfaced for the movement of heavy vehicles.*
5. *Rain Water Harvesting structure should be installed.*
6. *The areas with top soil and OB in excess of 2 m seen close to the road are to be avoided while quarrying.*
7. *Biodiversity of the area should be maintained with native plants and of any endemic species removed must be replanted.*
8. *More realistic CSR amount should be submitted.*

The Authority decided to give the complainant Sri.Binil Kumar an oppurtunity for hearing as per his request before the issue of Environmental Clearance.

Item No. 67.14 **Environmental clearance for removal of ordinary earth in Re Sy.386/1, 386/2 at MelarkkodeVillage, AalathurTaluk, Palakkad District, Kerala by Sri. P. Ananthanarayanan Rejected- Review Petition (File No 840(A)/SEIAA/EC1/2744/2015).**

Sri. P. Ananthanarayanan, Thaniparambilveedu, Cheramangalam P.O. Palakkad, Kerala – 678703 has applied for Environmental Clearance for the removal of 10,000 m³ of ordinary earth from an area of 0.8112 Ha, of land in Re Sy.386/1, 386/2 at MelarkkodeVillage, AalathurTaluk, Palakkad District, Kerala for the purpose To increase the depth of paddy land and to make the land suitable for agricultural purposes and in the manner as particularised below:

The proposal was considered by SEAC in its 55th meeting of held on 10/11/20-05-2016. The committee recommended to delist the proposal since the proposed land is a

'wetland'. Hence the application cannot be considered. The proponent can be advised to approach District Environmental Impact Appraisal Committee (DEIAA) along with an appropriate order exempting from the purview of the Conservation of wet land and paddy land Act.

The proposal was considered in the 54th meeting of SEIAA held on 21-06-2016. Authority accepted the recommendation of SEAC and decided to reject the application.

Sri. P. Ananthanarayanan then submitted a review petition stating that the purpose of the land is to make his paddy land, situated at a higher plane than the irrigation land to a lower level to make flow from the canal possible. The report dated 17.5.2016 of the District Geologist Palakkad reveals that the position of the land and canal as stated by the petitioner is correct.

The Authority in its 58th meeting held on 8th September 2016 decided to call for report of the R.D.O concerned reconfirming that the land involved is not a 'wetland' and that it will be suitable for paddy cultivation if the required quantity of ordinary earth is removed and the level of the land reduced as applied for.

The R.D.O of Palakkad vide his letter No.J-1764/16 dt.21.11.2016 has stated on the basis of a site inspection report that the land belonging to the applicant in Alathur Taluk, Melarkkode Village Block – 24 in Sy.No.386/1 -1.1655 ha, 386/5 – 0.1075 ha is included in the Paddy-Wetland data bank and that it is above the Cheramangalam Lift Irrigation Canal and his remaining barren land. The water from the canal cannot flow down to 0.3000 ha of agricultural land for the last 5 years. Hence the Sub collector reported that agriculture in the land cannot be practiced using the canal water as the land is located at a higher elevation

In the light of the RDO Report, Authority decided to return the proposal once again to SEAC for re-appraisal.

Item No.67.15 General Items

- i) Environment Clearance - Construction of Group Housing cum Commercial Complex project at Rajagiri Valley inn Sy.NBos.558 p, 559/1 to 11, 557/2, 560/1, 2, 563/5 p, 11 p, 12 p, 569/1, 2, 569/1 to 11, Kakkanad Village, Kanayannur Taluk, Ernakulam District, Kerala- Extention of validity of Environment Clearance & Amendments in EC.**

The proponent has received EC from MoEF. Now he has submitted online application for extention & amendment of EC. Due to recession in the market, the construction of the project was started much late and hence he could not complete the project within the permissible time. He also wanted to modify the project with some changes in the facilities proposed in the project. He submitted the following documents.

1. Duly filled updated Form I
2. Duly filled updated Form 1-A
3. Conceptual Plan
4. Copy of previous Environment Clearance Order

The Authority decided to send the proposal to SEAC for appraisal with revised form I and new application.

ii) Judgment W.P.(C) 13072 of 2017 dt.11.04.2017 for Petitioner Shri.P.J.Jony

Shri.P.J.Jony, Pakkarambil House, Ettumanoor P.O, Kottayam submitted a representation to SEIAA to extend the validity period of EC No.1031/SEIAA/EC4/219/2016 dt.30.09.2016 issued for the removal of OE. The Hon'ble High Court vide judgment dt.11.04.2017 in the W.P(C) No.13072/2017 filed by the proponent directed the 1st respondent (member Secretary, SEIAA) to consider and pass orders on the application submitted by the proponent within 3 months after hearing the petitioner. In the 64th meeting of SEIAA held on 23.02.2017 it was decided that no new application for extension of time will be accepted by SEIAA and all such applications will be transferred to the concerned DEIAA for consideration however in the light of the above judgment the Authority decided to hear the petitioner within 3 months of the date of receipt of the judgment.

iii) Circular No.122/A3/2017/Industries dt.25.04.2017 from the Additional Chief Secretary regarding Environmental Clearance to quarries in Kerala for clearing the doubts of DEIAA/DEAC in this matter. And the Special Secretary has requested SEIAA to issue a circular explaining the norms and conditions for this purpose.

It was decided to defer the item for a detailed discussion in the next meeting.

Sd/-
Dr. K.P. JOY
Chairman

Sd/-
Dr. J. SUBHASHINI
Member

Sd/-
Sri.JAMES VARGHESE.I.A.S
Member Secretary