

MINUTES OF THE 46th MEETING OF SEAC, KERALA, HELD ON 29th AND 30th SEPTEMBER, 2015, AT SP GRAND DAYS HOTEL, THIRUVANANTHAPURAM
Day 1

The 46th meeting of the SEAC commenced at 9.30 am with Sri. V. Gopinathan, in the chair. The Chairman welcomed the members and initiated the proceedings of the Committee.

Item No.46.00

1. General Discussion

The Chairman invited the attention of the members to the recent MoEF notification with regard to introduction of DEIAAs and DEACs at district level for processing EC for mining projects less than 5ha. He informed that the procedure is likely to come into effect from January 2016 onwards. Considering the problem of scarcity of quarry stones for various developmental projects in the state, the Chairman pointed out the need for speedy disposal of EC applications which are complete in all respects. He also emphasised that the site inspection wherever stipulated should be completed in a time bound manner.

The Committee also observed that many proposals are coming up for considerations where the Mining Plans are not prepared in accordance with the existing rules. Hence it was decided the Committee need consider only those applications where the mining plans are fully in conformity with the rules.

2. Consideration and approval of Minutes and Appraisal Reports

The Chairman drew the attention of the Committee to the existence of a detailed field inspection report in the case of Mankombu Granites(Agenda item no: 45.01) in accordance with the G.O.(MS). No.152/12/ENVT DATED 29.10.2012. He opined that another field visit may not be required in this case. But, considering the fragile nature of the area, other members of the committee were of the opinion to have a separate field visit. Thereafter the Committee formally approved the minutes of the 45th SEAC meeting held on 11th and 12th September, 2015 with few corrections with regards to actual facts.

Item No.46.01 Environmental clearance for proposed mining project in Sy. Nos. 229/1, 229/13, 229/9, 229/9-1, 234/10, 234/11, 234/3, 234/4, 234/5, 234/6, 234/8-2, 234/9-1, 238/12, 238/13-2, 238/16-2, 238/17-2, 240/10, 240/11, 240/7, 240/7-1, 240/7-2, 240/8, 240/9, 241/10, 241/1-1, 241/1-2, 241/12-16, 241/12-17, 241/12-2, 241/13-1, 241/18, 241/2, 241/4, 241/5, 241/6, 241/7, 241/8, 241/8-1, 241/9-1, 242/1, 242/2, 242/4-2, 242/4-3, 242/5, 242/6, 242/7, 242/8, 245/4, 245/5, 245/6, 245/6-1, 245/6-2, 245/6-3 and 245/6-4 at Aruvikkara Village and Panchayath, Nedumangad Taluk, Thiruvananthapuram District, Kerala by M/s Travancore Blue Metal Industries (P) Ltd.
(File No. 152/SEIAA/KL/3072/2013)

Project Proponent : Mr. Suresh Kumar Director, M/s Travancore Blue Metal

EIA Consultant : Enkay Environ Service Pvt Ltd, Jaipur

The proponent is yet to submit the mining plan in accordance with the KMMC Rule, 2015. The appraisal including field visit cannot be carried out since the proponent informed that the mining plan was not approved. Hence it was decided to intimate the facts to SEIAA to take a decision in accordance with the order of the Hon'ble High Court.

Item No.46.02 Environmental clearance for the quarry project in Sy. Nos. 178/6, 178/7A, Moonnilavu178/7B3, 178/7B2, 178/7B1, 179/1-1, 179/8A1, 179/8A2, 179/8B1, 179/8B2, 179/8B3, 179/8A3/180/1-1, 180/1-2, 183/2-1 and 180/2-5 at Maneed Village & Panchayath, Muvattupuzha Taluk, Ernakulam District, Kerala by M/s R.M. Rocks & Sand (P) Ltd.
(File No. 420/SEIAA/KL/2969/2014)

Project Proponent : Mr. Rohith Mathai Rojer, Director, M/s R.M. Rocks & Sand (P) Ltd.

EIA Consultant : M/s Environmental Engineers & Consultants Pvt. Ltd.

The Committee appraised the proposal based on the Mining Plan, Prefeasibility Report, field inspection report and all other documents submitted along with the Form I application and decided to concur with the decision of the 33rd and 41st meetings of SEAC and **RECOMMENDED** for issuance of Environmental Clearance with the following specific conditions, in addition to the conditions stipulated in 41st SEAC meeting and general conditions stipulated for mining projects.

1. Fencing should be provided all around the lease area.
2. The limited over burden and other quarry waste must be stored in the designated places for future restoration of the land and provided with protective support walls.
3. The water from the RWH structure should be let out only after clarification/desiltation for which a suitable structure is essential at the outlet.
4. The main haulage road formed in the quarry must be maintained in motorable condition. The approach road to the quarry from the main road should also be maintained in good motorable condition with fencing on both sides as it is flanked by pits of old workings.
5. Ultimate depth of mine should not be below the bed level of Muvattupuzha river which is at 10m amsl.

The appraisal report is enclosed as Annexure 1

Item No.46.03 Environmental clearance for the quarry project in Sy. No. 320/2, 320/3 at Aikaranadu north Village, Kunnathunadu Taluk, Ernakulam District, Kerala by Sri. Joseph John for M/s Slabs Aggregates.

(File No. 519/SEIAA/KL/3823/2014)

Project Proponent : Sri. Joseph John for M/s Slabs Aggregates

EIA Consultant : M/s Creative Engineers & Consultants

Further to the intimation of SEAC, the proponent along with the consultant attended the meeting and the consultant made a brief power-point presentation.

The consultant informed that they have a valid lease for the last four decade and the present lease is valid up to 2021. Licence was valid till 31.03.2015. The proposed area is a private patta land. A crusher is situated in the lease area. Adjacent to the quarry area there is rubber plantation owned by the project proponent himself. The proposed production capacity is 200TPD.

The Committee **DEFERRED** the item for site inspection.

Item No.46.04 Environmental clearance for the quarry project in Sy. No. 211/6-2,5-2,1,2,3-2,4,10,9,8-2,5-4,3-1,5-1,5-5,6-1,7,8-1, 212/2,9,10,11-2,12,3,4-2,6,11-1, 249/8(p) & 249/4a at Ayyampuzhavillage, Aluva Taluk, Ernakulam District, Kerala by Sri. George Antony – Managing Director For M/s GK granites.

(File No. 521/SEIAA/KL/3825/2014)

Project Proponent : Sri. George Antony, Managing Director, M/s GK granites

EIA Consultant : M/s Creative Engineers and Consultants

The Committee appraised the proposal based on the Mining Plan, Prefeasibility Report, field inspection report and all other documents submitted along with the Form I application and decided to **RECOMMEND** for issuance of Environmental Clearance with the following specific conditions, in addition to the general conditions stipulated for mining projects.

1. The entire lease area should be demarcated with visible pillars and fenced.
2. Desiltation/Water clarification mechanism should be provided before the water is let out. The deposited silt must also be cleaned periodically.
3. The top soil and overburden should be stacked in a designated place on the lower elevation. It must be preserved for the eco-restoration of the quarried segments.
4. There is a place of worship with peak activity during annual fair. It may be advisable to prohibit drilling and blasting in the quarry during those times.
5. To the extent possible local biodiversity management Committee shall be involved in the environmental management/restoration activities.
6. Reclamation and eco-restoration should be done by planting native species.

The appraisal report is enclosed as Annexure 2

Item No.46.05 Environmental clearance for the quarry project in Sy. No. 51/1,3,4,5,6, 53/2,3,4,5,6,7, 60/4,5,7 & 66/4 at Kizhakkambalam village, Kunnathunadu Taluk, Ernakulam District, Kerala by Sri. George Antony – Managing Director For M/s GK granites (File No. 522/SEIAA/KL/3826/2014)

Project Proponent : Sri. George Antony, Managing Director, M/s GK granites
EIA Consultant : M/s Creative Engineers and Consultants

The Committee appraised the proposal based on the Mining Plan, Prefeasibility Report, field inspection report and all other documents submitted along with the Form I application and decided to **RECOMMEND** for issuance of Environmental Clearance with the following specific conditions, in addition to the general conditions stipulated for mining projects.

1. The steep cut faces on the western side by the side of RWH pit should be fenced and left as danger zone without any quarry operations.
2. All the storm water must be led into the RWH pit. The deposited silt must also be cleaned periodically.
3. Considering the topography, garland drains need not be insisted upon.
4. In the absence of perennial streams in the vicinity, ultimate depth of mine will depend on the possible benches of 5m width and 5m height in the lease area. The nearest water body is a major stream in the valley at an elevation of + 5 m AMSL.
5. To the extent possible local biodiversity management Committee shall be involved in the environmental management/restoration activities.
6. Reclamation and eco-restoration should be done by planting native species.

The appraisal report is enclosed as Annexure 3

Item No.46.06 Environmental clearance for the quarry project in Sy. No. 240/3, 240/5, 240/7, 240/8, 240/9, 241/10(P), 241/11(P), 242/1-2, 242/1-3, 242/1-4, 242/2, 242/3-1, 242/3-2, 242/3-4, 242/3-5, 243/1-1(P), 243/1-2(P), 243/2-1, 243/2-2, 243/2-3, 243/2-4, 243/3-2, 243/5-2, 244/1-(P), 244/1-2(P), 244/5-2(P), 246/3-2, 246/3-3, 246/4-2, 246/4-3, 246/4-4, 246/5, 240/6, 241/4, 242/1-1, 242/3-3, 242/3-6, 243/3-1, 243/5-1, 244/5-1(P), 246/4-1(P) at Ayyampuzha Village, Aluva Taluk, Ernakulam District, Kerala by Sri. George Antony – Managing Director For M/s Crystal granites (File No. 523/SEIAA/KL/3827/2014)

Project Proponent : Sri. George Antony, Managing Director, M/s GK granites
EIA Consultant : M/s Creative Engineers and Consultants

The Committee appraised the proposal based on the Mining Plan, Prefeasibility Report, field inspection report and all other documents submitted along with the Form I application and decided to **RECOMMEND** for issuance of Environmental Clearance with the following specific conditions, in addition to the general conditions stipulated for mining projects.

1. The entire lease area should be demarcated with visible pillars and fenced.
2. The cliff like face of the old workings near to the crusher unit to be provided with danger signs.
3. Desiltation/Water clarification mechanism should be provided before the water is let out. The deposited silt must also be cleaned periodically.
4. The top soil and overburden should be stacked in a designated place on the lower elevation. It must be preserved for the ecorestoration of the quarried segments.
5. There is a place of worship with peak activity during annual fair. It may be advisable to prohibit drilling and blasting in the quarry during those times.
6. To the extent possible local biodiversity management Committee shall be involved in the environmental management/restoration activities.
7. Reclamation and eco-restoration should be done by planting nativespecies.

The appraisal report is enclosed as Annexure 4

Item No.46.07 Environmental clearance for the quarry project in Sy. No. 302/6, 302/7.1, 302/7.2, 302/8, 302/1.2, 298/15, 298/14, 298/16, 298/13, 298/12, 302/2.2, 301/1, 301/2, 302/5.1 and 302/5.2.2 at Thiruvaniyoor Village, Kunnathunad Taluk, Ernakulam District, Kerala by Sri.Saji K. Alias. (Owner) for M/s Mariyem Industries (File No. 553/SEIAA/KL/4087/2014)

The Committee appraised the proposal based on the Mining Plan, Prefeasibility Report, field inspection report and all other documents submitted along with the Form I application and decided to **RECOMMEND** forissuance of Environmental Clearances**subject to production of more realistic social responsibility programme before SEIAA** with the following specific conditions, in addition to the general conditions stipulated for mining projects.

1. Fencing should be provided all around the lease area. The steep cut faces of the old workings should be further demarcated and fenced to be left as danger zone.
2. Over burden must be stored in the designated places and provided with protective support walls. The 20 m wide strip of depressed land with thick soil cover may be used for this purpose. Storage of OB in the elevated part as planned may be avoided.
3. Part of the drainage from the quarry is currently directed to the old pit that acts as RWH structure. However over flow is not provided. It may done in the form of a lined drain, draining to the north. The water from the RWH structure should be let out only after clarification/desiltation for which a suitable structure is essential at the outlet.
4. The main haulage road formed in the quarry must be maintained in motorable condition. The approach road to the quarry from the main road is not maintained at all. This road should also be maintained in good motorable condition by the proponent.
5. To the extent possible local biodiversity management Committee shall be involved in the environmental management/restoration activities.
6. Reclamation and eco-restoration should be done by planting nativespecies.

The appraisal report is enclosed as Annexure 5

Item No.46.08 Environmental clearance for the quarry project in Sy. No. 164/2, 164/1-36, 164/1-111 and 164/1-113 at Ayyampuzha Village, Aluva Taluk, Ernakulam District, Kerala by Sri. Paulson P. Varkey – Managing Partner, Ernakulam Dist for MP Sands (File No. 560/SEIAA/KL/4121/2014)

Project Proponent : Sri. Paulson P. Varkey – Managing Partner, MP Sands.

EIA Consultant : M/s Creative Engineers & Consultants, Chennai.

Further to the intimation of SEAC, the proponent along with the consultant attended the meeting and the consultant made a brief power-point presentation.

The consultant informed that the Malayattoor Reserve Forest is about 3.5 KM east to the project and there are no other quarries situated within 500m radius of the proposed site. The proposed production capacity is 500TPD. Life of mine is 5 years. The quarry was worked in 2013-2014 with valid permit and now it is not working due to lack of lease. The consultant informed that the abandoned quarries were reclaimed with plantation. The CSR proposed is for Rs. 10.5 lakh.

The Committee **deferred** the item for field visit and production of more realistic social responsibility programme.

Item No.46.09 Environmental clearance for Township and Area development Project in Sy. Nos. 671/1, 674/1, 675/4 at Kakkanad Village, Kanayanoor Taluk, Ernakulam District, Kerala by Sri. Thankachan Thomas. (File No. 588/SEIAA/KL/4504/2014)

Project Proponent : M/s Prestige Hillside Gateway

EIA Consultant : M/s Engineers Diagnostic Centre Pvt. Ltd.

The project and consultant appeared before the Committee. The Committee observed that the copy of the letter of National Accreditation Board for Education and Training (NABET) is not sufficient enough for verifying the present validity of the accreditation. The proponent and consultant were allowed to make the presentation subject to production of a copy of valid accreditation certificate.

While presenting the EIA report the Committee observed that the provisions for the disposal of all types of waste, water balance study etc are treated in a casual manner in the EIA report and the consultant was also not able to clarify the points raised by the members. The Committee also observed that some portions of the land proposed for development are nilam which may attract the provision of *Kerala Conservation of Paddy Land and Wetland Act, 2008*. Further some of the copies of the land records produced are not legible. Considering this, the Committee decided to **DEFER** for an exhaustive site visit, after proving the extension of the validity of the accreditation of the consultant, by a Subcommittee consisting of Sri. Ajayakumar, Sri John Mathai and Dr. P S Harikumar. The subcommittee will also examine whether the EIA is fully in conformity with the ToR and field conditions.

Item No.46.10 **Environmental clearance for the quarry project in Sy. Nos. 364/16/40, 364/10/42, 364/11/43, 364/16/11, 364/16/27, 364/16/25, 364/16/32, 364/16/8, 364/16/37, 364/16/48, 364/17/18, 364/17/16, 364/16/4/30, 364/16/5/5, 364/16/6/6, 364/16/7/7, 364/16/8/34, 364/16/9/38, 364/21/22P and 364/21P at Mulayam Village , NadatharaPanchayath, ThrissurTaluk& District by Sri. Jenny John, Managing Director, M/s Valakkavu Granite Pvt. Ltd., Vattappara, Valakkavu (Via.), P.O., Mulayam, Thrissur - 680751. (File No. 608/SEIAA/EC1/4635/2014)**

Project Proponent : Sri. Jenny John, Managing Director, M/s Valakkavu Granite Pvt. Ltd
EIA Consultant :M/s Environmental Engineers & Consultants Pvt. Ltd.

Further to the intimation of SEAC, the proponent along with the consultant attended the meeting and the consultant made a brief power-point presentation.

The project was in operation from 2003 to 2015 with valid lease and currently not working. The slope of the proposed area is towards north. Two granite quarries are located within 500m radius of proposed project with an extent of 3.5 ha and 0.20 ha each. The highest elevation of the proposed site is 130m AMSL and lowest 85m AMSL. Life of mine is 10 years.

The Committee **DEFERRED** the item for field visit by subcommittee concerned and submission of mining plan and letter of intent as per KMMC Rule 2015.

Item No.46.11 **Environmental clearance for the building stone quarry project in Sy. No. 86/2,87, 88/2, 88/3, 88/1, 89/2B, 147/2, 139/1 at Kolavallur Village, KunnothparambaGramapanchayat, ThalasseryTaluk, Kannur District, Kerala by Sri. C.G. George (File No. 623/SEIAA/EC4/4806/2014)**

Project Proponent : Sri. C.G. George
EIA Consultant : M/s Environmental Engineers & Consultants Pvt. Ltd.

Further to the intimation of SEAC, the proponent along with the consultant attended the meeting and the consultant made a brief power-point presentation.

The slope of the project site is towards north. A crusher unit is associated with the quarry unit. The highest elevation of the proposed site is 115m MSL and lowest 75m MSL.

The Committee **deferred** the item for field visit by subcommittee concerned and for submission of mining plan by the proponent in accordance with the KMMC Rule 2015.

Item No.46.12 Environmental clearance for the quarry project in Sy. No. 65/1,3,5,6,7,10,12,13,74/4,5 and 6 at Nellanad Village, NellanadPanchayath, NedumangaduTaluk, Thiruvananthapuram District by Sri. Abdul Salam Pookunju, M/s AARAMAM ROCK (P) LTD.(File No. 624/SEIAA/KL/4807/2014)

Project Proponent : Sri. Abdul Salam Pookunju, MD, M/s. Aaramam Rock Pvt. Ltd.,

EIA Consultant :M/s Enkay enviro services Pvt. Ltd

The Committee **deferred** the item for submission of mining plan and letter of intent as per KMMC Rule 2015 and documents/details mentioned in the 45th SEAC meeting. It was decided to consider the field inspection report after receipt of the above documents.

Item No.46.13 Environmental clearance for the building stone quarry project at Block No.23, Sy.Nos.43,49,50/1,55/3,56/2,56/3 at Malayattor Village, MalayattoorPanchayat, AlwayeTaluk, Ernakulam District, Kerala by Sri. T.P.Sabu (File No. 625/SEIAA/KL/4808/2014)

Further to the intimation of SEAC, the proponent along with the consultant attended the meeting and the consultant made a brief power-point presentation.

The mine lease is up to 2020. The total area proposed is 4.9030ha. The highest and lowest elevation of the project area is 160 m MSL and 55 m MSL. The consultant informed that there is a litigation pending in NGT and no injunction or any other orders were passed by the NGT after hearing.

The Committee decided to **DEFER** the item for field visit and for submission of mining plan and letter of intent as per KMMC Rule 2015.

Item No.46.14 Environmental clearance for the quarry project in Sy. No. 1982 at Vellikulangara Village, MattathurPanchayath, ChalakkudyTaluk, Thrissur District by Sri. Mathew P Pathrose, Managing Partner, M/s Blue Mountain Granites, Vellikulangara P.O., Chalakkudy, Thrissur - 680699. (File No. 626/SEIAA/EC1/4809/2014).

Project Proponent :Sri. Mathew M Pathrose, Managing Partner, M/s Blue Mountain Granites

EIA Consultant :M/s Enkay enviro services Pvt. Ltd

The Committee decided to **DEFER** the item for submission of mining plan and letter of intent as per KMMC Rule 2015.

DAY II (30-09-2015)

Item No.46.15 **Environmental clearance for the building stone quarry project in Sy. No. 21/1A1 at Kolayad Village and Panchayat, Thalassery Taluk, Kannur District, Kerala by Sri. V.K. Benny (File No. 628/SEIAA/EC4/4811/2014)**

Project Proponent : **Sri. V.K. Benny**

EIA Consultant : M/s Enkay enviro services Pvt. Ltd

Further to the intimation of SEAC, the proponent along with the consultant attended the meeting and the consultant made a brief power-point presentation.

The quarry was working under short term permit. There is no crusher at the site. The highest and lowest elevation of the project area is 140 m AMSL and 65 m AMSL. Life of mine is 5 years. The ultimate depth of mine is 65m AMSL.

The Committee decided to **DEFER** the item for field visit and for submission of mining plan and letter of intent as per KMMC Rule 2015.

Item No.46.16 **Environmental Clearance for removal of ordinary earth in Sy.No. 530/1 at Annallur Village, Mala Panchayat, Chalakkudi Taluk, Thrissur District, Kerala by Sri. K.C. Thomas. (File No. 633/SEIAA/KL/4860/2014)**

Project Proponent : **Sri. K.C. Thomas**

The Committee in its 37th SEAC meeting had **DEFERRED** the item for submission of certificate from the revenue official, who recommended the application, exempting the land from the preview of *Kerala Conservation of Paddy Land and Wetland Act – 2008*.

The Committee verified the clarification submitted by the proponent and found that the document produced is only a photo copy and it does not clearly indicate the status of land as on the date of commencement of *Kerala Conservation of Paddy Land and Wetland Act – 2008*. Hence the Committee decided to recommend to **delist** the item.

The appraisal report is enclosed as Annexure 6

Item No.46.17 **Environmental clearance for the quarry project in Sy. No. 83/20-1, 83/20-2, 83/10, 83/28, 83/31, 82/13-2, 83/16, 82/9, 83/29, 83/33, 82/13-1, 83/9, 82/5-2, 82/16, 82/10, 82/15, 83/5 & 84 P (Govt. Land) at Mankode village, Kottarakkataluk, Kollam district, Kerala by Sri.M. Abbas. (File No. 665/SEIAA/KL/5180/2014)**

Project Proponent : **Sri.M. Abbas**

EIA Consultant : M/s Metamorphosis

The Committee appraised the proposal based on the Mining Plan, Prefeasibility Report, field inspection report and all other documents submitted along with the Form I application and decided to **DEFER** the item for submission of FM sketch/cadastral map of the proposed area.

Item No.46.18 Environmental Clearance for removal of ordinary earth in Sy.nos. 403, 406 at Ayyanthole Village, Thrissur Corporation, Taluk and District, Kerala by Sri Babu Paul.
(File No. 688/SEIAA/KL/5486/2014)

The Committee found that the proponent produced an attested certificate from Villager Officer that the area do not fall under the preview of the *Kerala Conservation of Paddy Land and Wetland Act – 2008*. Hence the Committee decided to **RECOMMEND** to issue EC for removal of 5000m³ of ordinary earth uniformly from the area subject to general conditions.

The appraisal report is enclosed as Annexure 7

Item No.46.19 Environmental clearance for the quarry project in Sy. Nos. 137/10 (p), 85/1, 85/2(p) and 84/5 (p) at Valmboor Village, Perinthalmanna Taluk, Malappuram District, Kerala by Sri.P. Abdul Nassar for M/s. Valmboor Granites.(File No. 756/SEIAA/KL/331/2015).

Project Proponent : Sri. P. Abdul Nassar

EIA Consultant : M/s Anacon Laboratories Pvt. Ltd

Further to the intimation of SEAC, the proponent along with the consultant attended the meeting and the consultant made a brief power-point presentation.

Life of mine is 10years. Ultimate depth proposed is 90m AMSL. Maximum production is 22350m³. The lease area consists of 3.318 hectares, which is private land.

The Committee decided to **DEFER** the item for field inspection and the production of more realistic social responsibility schemes based on need based analysis.

Item No.46.20 Environmental clearance for the quarry project in Sy. Nos. 34/1 A at Kariavattom Village, Perinthalmanna Taluk, Malappuram District, Kerala by Sri. N. Muhammed Ali for M/s. Pathippara Granite Quarry.
(File No. 757/SEIAA/KL/332/2015)

Project Proponent : Sri. N. Muhammed Ali for M/s. Pathippara Granite Quarry

EIA Consultant : M/s Anacon Laboratories Pvt. Ltd

Further to the intimation of SEAC, the proponent along with the consultant attended the meeting and the consultant made a brief power-point presentation.

This is an existing quarry but currently not working. Life of mine is 10 years. Kodithookimala is 5.3 Km from the proposed area. The proposed CSR is 0.80 lakh which is very meagre. The Committee decided to **DEFER** the item for field inspection and the production of more realistic social responsibility schemes based on need based analysis.

Item No.46.21 Environmental clearance for the quarry project in Sy. Nos. 215/1 A at Thazhekode Village, Perinthalmanna Taluk, Malappuram District, Kerala by Sri.Mohammed Haneefa Jailabdeen for M/s. VMR Granite Quarry.(File No. 758/SEIAA/KL/333/2015)

Further to the intimation of SEAC, the proponent along with the consultant attended the meeting and the consultant made a brief power-point presentation.

The proposed production is 32019 TPA from 2.90ha of land in Sy. No. 215/A. There is no crusher associated with the project. Life of mine is 10 years. The CSR proposed is 0.65lacs which is very meagre. The Committee decided to **DEFER** the item for field inspection and the production of more realistic social responsibility schemes based on need based analysis

Item No.46.22 Environmental clearance for the quarry project in Sy. Nos. 163/2,3,4,7,8, 164/1,4,6,9,10,18-A,165/1A,3 and 4 at Karavarom Village, Varkala Taluk, Thiruvananthapuram District, Kerala by Sri. Sreekumar, S.S. for M/s. M.S. Building Products. (File No. 763/SEIAA/KL/447/2015).

The Committee appraised the proposal based on the Mining Plan, Prefeasibility Report, field inspection report and all other documents submitted along with the Form I application and decided to **RECOMMEND** for issuance of Environmental Clearance with the following specific conditions, in addition to the general conditions stipulated for mining projects.

1. Based on an overall evaluation of the site, the quarry operations may be recommended only in the northern block. The southern block is not recommended due to presence of a) narrow band of Govt land with a valley like configuration, b) higher OB thickness, c) presence of a row of dwelling units in the vicinity on the southern side and d) as it is yet to be excavated
2. Fencing should be provided all around the lease area.
3. Over burden should be stored in the designated places (not here and there) and provided with protective support walls.
4. Storm water drainage from the upper part must be channelised properly and let out through well defined channels after clarification.
5. The RWH structure present as an abandoned quarry in the adjacent land may not be sufficient in the long run. A proper RWH body must be provided in the lease area with water clarification mechanism and maintained throughout. Periodic desiltation is mandatory.
6. The approach road is of very bad state due to frequent travel of trucks. There should be a collective effort by the nearby quarry owners to maintain the road motorable as they are used by the general public also.
7. To the extent possible local biodiversity management Committee shall be involved in the environmental management/restoration activities.
8. Reclamation and eco-restoration should be done by planting nativespecies.

The appraisal report is enclosed as Annexure 8

Item No.46.23 Environmental clearance for the quarry project in Sy. No. 71/1-2, 71/1-3, 75/2-2 at Ayyampuzha village, Aluva Taluk, Ernakulam District, Kerala by Sri. P. S. R. Koteswara Rao – General Manager M/s Soma Enterprise Limited (File No. 774/SEIAA/KL/697/2015)

Authorised person informed that the quarry is an existing one but is not working now. The total requirement of water is 12 KLD and source is open well. The ultimate depth of mine is 20m. The highest elevation of the proposed site is 60m MSL and lowest is 20m MSL.

The Committee noted the directions issued by the Hon'ble High Court in W.P. no. 22920/15 considering the fact that the material is used for a prestigious public project (metro rail) to expedite the process and finalise the EC process within one month.

The proponent was present in the meeting and the consultant made presentation. The total area is 6 acres and the proposed mining area is only 0.7327ha. The materials are exclusively utilised for the public project. The area is comparatively small.

After considering the Mining Plan, Prefeasibility Report, all other documents submitted along with the Form I application and decided to **RECOMMEND** for issuance of Environmental Clearance with the following special condition in addition to general conditions stipulated for mining projects.

1. To the extent possible local biodiversity management Committee shall be involved in the environmental management/restoration activities.
2. Reclamation and eco-restoration should be done by planting native species.

The appraisal report is enclosed as Annexure 9

Item No.46.24 Environmental Clearance for removal of ordinary earth in Sy. Nos. 4/2B, 146/1 and 146/7 at Pathaykkara Village, Eravimangalam P.O., Perinthalmanna, Malappuram, Kerala by Abdul Azees. (File No. 778/SEIAA/KL/907/2015)

The proponent produced a copy of the certificate from the Village Officer stating that the land is excluded from the preview of Kerala *Conservation of Paddy Land and Wetland Act – 2008*. Since the area involved is relatively large the Committee decided to **DEFER** the item for field visit.

Item No.46.25 Environmental clearance for river sand mining in Bharathapuzha, Chalakudipuzha and Karuvannur Puzha of Thrissur District, Kerala by District Collector, Thrissur. (File No.788 /EC1/2015/SEIAA)

The Committee observed that it has no power to deviate from the procedure contained in the MoEF OM No. J-13012/12/2013-IA-11 (I) Dated 24th December, 2013 which itself was issued consequent to a judgement by the Hon. Supreme Court. Hence it was decided not to change the decision taken by the Committee in its 39th meeting held on 14th and 15th May 2015.

**Item No.46.26 Environmental Clearance for construction of new LPG storage and Bulk Dispatch Terminal at. Survey Nos. 480/2 Pt , 546/1 , 546/2 Pt, 546/3 Pt , 560/2 Pt , 560/3 Pt, 561/3 Pt, 561/4 Pt ,561/5 Pt , 561/6 Pt, 562/1 Pt, 562/3 Pt, 562/4 Pt,563/1 , 563/ 2 ,563/3, 563/4, 563/5, 563/6, 564/ 1 Pt, 564/ 2 Pt, 565/ 6 Pt , 566/6 Pt. of Kinfra Integrated Industrial & Textile Park, Kanjikode East, Palakkad District by Sri. Tharian Peter, Territory Manager (LPG) Kochi, M/s. BPCL
(File No. 789/SEI AA/EC1/1381/2015)**

The Committee **deferred** the item for personal appearance of the proponent before the Committee for clarifying certain aspects of the EIA report.

**Item No.46.27 Environmental clearance for removal of ordinary earth in Sy. No. 170/17-1, 18-2, 17-2, 3-1, 1,2,5,6,7, 11, 10A, 9, 8-B2, 10B, 7-2 at Thodupuzha Village, ThodupuzhaPanchayath, ThodupuzhaTaluk, Idukki District, Kerala by Sri. P.J. Leons.
(File No. 791/SEIAA/EC3/1624/2015)**

The Committee found that the removed earth is proposed to be used for reclamation of land which is classified as Nilam.TheCommittee deferred the item for production of permission from the concerned authorities for the reclamation of 'Nilam'.

**Item No.46.28 Environmental clearance for removal of ordinary earth in Sy. No. 99/9 at Rajakkad Village, RajakkadPanchayath, UdumbancholaTaluk, Idukki District, Kerala by Sri. C. E. Sreedharan
(File No. 795/SEIAA/EC3/1901/2015)**

The Committee appraised the proposal based on the details provided by the applicant and decided to **RECOMMEND** the application for issuance of Environmental Clearance for removal of 400m³ of ordinary earth.

The appraisal report is enclosed as Annexure 10

Item No.46.29 Environmental clearance for removal of ordinary earth in Sy. No. 516/16, 19,9-1, 11, 14, 13 & 18 at Mulakkuzha Village, MulakkuzhaPanchayath, ChengannurTaluk, Alappuzha District, Kerala by Sri. Sunil Kumar (File No. 797/SEIAA/EC3/1963/2015)

The Committee appraised the proposal based on the details provided by the applicant and decided to **RECOMMEND** the application for issuance of Environmental Clearance for removal of 9000m³ of ordinary earth subject to the condition that removal should be in terraced manner limiting average depth of removal to 2m since the removed of earth is for railway work.

The appraisal report is enclosed as Annexure 11

Item No.46.30 Environmental clearance for removal of ordinary earth in Sy. No. 139/3 at Mulamthuruthi Village, Mulamthuruthi Panchayath, Kanayannur Taluk, Ernakulam District, Kerala by Sri. Yohannan (File No. 798/SEIA A/EC3/2031/2015)

The Committee appraised the proposal based on the details provided by the applicant and decided to **RECOMMEND** the application for issuance of Environmental Clearance for removal of 9000m³ of ordinary earth subject to the condition that removal should be in terraced manner limiting average depth of removal to 1m since consent from the owners of adjacent land is not submitted.

The appraisal report is enclosed as Annexure 12

Item No.46.31 Environmental clearance for removal of ordinary earth in Sy. No. 161/1 at Idukki Village, Vazhathoppe Panchayath, Idukki Taluk, Idukki District, Kerala by Fr. George Kuzhippallil (File No. 805/SEIAA/EC3/2198/2015)

The Committee appraised the proposal based on the details provided by the applicant and decided to **RECOMMEND** the application for issuance of Environmental Clearance for removal of 400m³ of ordinary earth subject to the condition that removal should be done uniformly limiting average depth of removal to 2m since the area is less.

The appraisal report is enclosed as Annexure 13

Item No.46.32 Environmental clearance for removal of brick earth in Sy. No. 135/20-1 and 135/20-2 at Ennakkadu Village, Budhanoor Panchayath, Chengannur Taluk, Alappuzha District, Kerala by Sri. Sarasan, K. S. (File No. 809/SEIAA/EC3/2303/2015)

The Committee appraised the proposal and found that the proposal is for removal of brick earth from land categorised as Nilam. The committee **deferred** the item for production of copy of the certificate from the Village Officer stating that the land is excluded from the preview of Kerala *Conservation of Paddy Land and Wetland Act – 2008*.

Item No.46.33 Environmental clearance for removal of red earth in Sy.no. 90 at Thycaud Village, Thiruvananthapuram Taluk, Thiruvananthapuram Corporation, Thiruvananthapuram District, Kerala by Dr. Sekhar. L. Kuriakose.(File No. 892/SEIAA/EC1/3396/15)

The Committee appraised the item and found that the ordinary earth is proposed to be removed for building construction. The Committee decided to **RECOMMEND** the application for issuance of Environmental Clearance for removal of 950 m³ of ordinary earth subject to general conditions.

However Committee is of the opinion that while issuing EC, SEIAA may instruct the proponent to ensure that the proposed building is aesthetically in tune with the existing nearby heritage buildings.

The appraisal report is enclosed as Annexure 14

Item No.46.34 ANY OTHER ITEM

- A. E.C for quarry of M/S Amity Rock Products (P) Ltd at Kottangal Village, Mallappally Taluk, Pathanamthitta- (File No. 2305/EC4/2015/SEIAA)**

The matter was examined by the Committee and decided to **DEFER** the item for field visit.

B. Complaints against SEAC

The points raised by the complainant Sri Tony Thomas were examined by the Committee. It was found that the allegations made therein are contrary to true facts. The Committee authorised the Secretary to intimate the true facts of each case to SEIAA.

- C. Guidelines or Terms of Reference (ToR) to take up the EIA/EMP study for the installation of additional tanks to store crude oil in special economic zone in Sy. No. 347 at PuthuVypeen Village, PuthuVypeen Taluk, Ernakulam District, Kerala by Sri. G. Radhakrishna Pillai M/s BPCL. (File No. 810/EC3/2306/SEIAA/2015)**

Project Proponent : Sri. G. Radhakrishna Pillai M/s BPCL

The Committee examined the proposal and came to the conclusion that the proposal requires EC and for that EIA report is necessary. The proponent has submitted the draft ToR. The Committee examined the ToR and suggested to add the following additional points to the draft ToR and decided to communicate the same to the proponent.

1. Details on list of hazardous chemicals to be stored along with storage quantities at the facility, their category (as per MSIHC Rules), MSDS.
2. Mode of receiving hazardous chemicals in isolated storages and mode of their dispatch.
3. Layout plan of the storage tanks and other associated facilities.

4. Details on types and specifications of the storage facilities including tanks, pumps, piping, valves, flanges, pumps, monitoring equipments, systems for emissions control safety controls including relief systems.
5. Arrangements to control loss/leakage of chemicals and management system in case of leakage.
6. Risk Assessment & Disaster Management Plan
 - Identification of hazards
 - Consequence Analysis
 - Details of domino effect of the storage tanks and respective preventive measures including distance between storage units in an isolated storage facility.
 - Onsite and offsite emergency preparedness plan.

The meeting ended at 5.00 pm with vote of thanks to the Chairman and Members.

Shri. C.S. Yalakki IFS
(Secretary SEAC)

Shri. V Gopinathan IFS (Rtd)
(Chairman SEAC)

List of members present

Day 1

1. Sri. V Gopinathan
(Chairman SEAC)
2. Dr. K. M. KhaleelChovva
3. Dr. P S Harikumar
4. Sri. John Mathai
5. Dr. Oommen V Oommen
6. Sri. P. Sreekumaran Nair
7. Dr. George Chackacherry
8. Dr. Keshav Mohan
9. Dr. K G Padmakumar
10. S. Ajayakumar
11. Sri. C.S. Yalakki IFS
(Secretary SEAC)

Day 2

1. Sri. V Gopinathan
(Chairman SEAC)
2. Dr. K. M. KhaleelChovva
3. Sri. John Mathai
4. Dr. Oommen V Oommen
5. Sri. P. Sreekumaran Nair
6. Dr. K G Padmakumar
7. Dr. George Chackacherry
8. S. Ajayakumar
9. Sri. C.S. Yalakki IFS
(SecretarySEAC)