

**MINUTES OF THE 48th MEETING OF SEAC, KERALA HELD ON 6th AND 7th NOVEMBER, 2015, AT SP GRAND DAYS HOTEL, THIRUVANANTHAPURAM
Day 1(06.11.2015)**

The first day of 48th meeting of the SEAC commenced on 06.11.2015 at 9.30 am with Dr. Keshava Mohan, in the chair. The meeting on the second day (07.11.2015) was chaired by Sri. V. Gopinathan, Chairman SEAC. After formal welcome of the members of SEAC, the following agenda were discussed and decisions taken as follows;

Item.No.48.01 General Discussion

The decisions are furnished at the end.

Item.No.48.02 Consideration and approval of Minutes and Appraisal Reports

The minutes and Appraisal Reports pertaining to the previous meeting (47th SEAC) held on 13th and 14th October 2015 were approved with corrections.

Item.No.48.03 Environmental Clearance for the proposed Kannimangalam Granite Quarry at Kannimangalam in Sy. Nos. 45/1, 45/2, 46, 47 Part, 50/2, 51/1, 51/2, 51/3, 52 & 56/1 at Malayattoor Village, Malayattoor - Neeleswaram Panchayath, Aluva Taluk, Ernakulam District, Kerala by M/s Vijaya Quarry Works (File No. 115/SEIAA/KL/2181/2013)

Project proponent : Mr. Joemon Joseph, M/s Vijaya Quarry Works

Name of consultant : M/s Creative Engineers & Consultants

The proponent was absent and hence the item is **deferred**.

Item.No.48.04 Environmental Clearance for the proposed Kannimangalam Granite Quarry at Illithode in Sy. Nos. 301/1 at Malayattoor Village, Malayattoor - Neeleswaram Panchayath, Aluva Taluk, Ernakulam District, Kerala by M/s Vijaya Quarry Works (File No. 116/SEIAA/KL/2182/2013)

Project proponent : Mr. Joemon Joseph, M/s Vijaya Quarry Works

Name of consultant : M/s Creative Engineers & Consultants

The proponent was absent and hence the item is **deferred**.

Item.No.48.05 Environmental clearance for the proposed quarry project in Sy. Nos. 271/1-2, 271/1-3, 271/1-6, 271/1-10, 271/1-11, 271/1-4, 271/8-2, 271/8-1, 271/20 pt., 270/4-1, 270/4, 270/3 and 270/2 at Pallichal Village and Panchayath, Neyyattinkara Taluk, Trivandrum

**District, Kerala by M/s V.S.C. Hollow Blocks & Crusher Division
(File No. 163/SEIAA/EC1/3493/2013)**

Project Proponent: Mr. V. Sudhakaran, Managing Partner
M/s V.S.C. Hollow Blocks & Crusher Division
Name of 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 proponent has submitted Mining Plan as per KMMC Rule 1967.

The proponent informed that the Quarry unit has a valid lease up to 2022 and the land is owned by the proponent, which is not assigned for any specific purpose. The ultimate depth of mine proposed is 60m AMSL. The area proposed for mining is 2.7946 ha. Proposed production capacity is 85,000 MTA. Distance of the mining area from the nearest human settlement is 102 m West. the storm water flow is towards SE direction. The Committee observed that there were 4 quarries adjacent to the proposed area within a radius of 500 m.

The committee made the following observations regarding the quarries in the Mookkunnimala region.

1. There are a few quarries in the Mookkunnimala region with lot of public protest and hence a field visit is required.
2. The Central Firing Range and an ISRO unit are there within 500m radius.

Since the proposed area falls in the Mookkunnimala region, the item is **deferred** for field visit and submission of revised mining plan as per KMMC Rule 2015

Item.No.48.06 Environmental clearance for the proposed quarry project in Survey Nos. 1450/1, 1457/1, 1461/1, 1462/1,2, 1463/1,2, 1464/1 and 1465/1 at Madakkathara Village and Panchayath, Thrissur Taluk, Thrissur District, Kerala by M/s Mridhul Granites and Crusher Pvt. Ltd (File No. 451/SEIAA/KL/3125/2014)

Project Proponent : Jose John, Managing Director
Name of Consultant : M/s Enkay Enviro Services Pvt. Ltd.

The committee verified the certificate issued by VO as per sec 27(2) (f) of KMM Rule 2015 and details of application submitted for Wildlife clearance and found satisfactory. 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 lease area being a fresh land, the quarry must be developed in a planned way following the top to bottom approach.
2. Over burden is to be stored in the designated places and provided with protective support walls.

3. The drainage from the proposed quarry must be channelized in such a way that the right bank canal of Peechi is not affected in any adverse manner. It is necessary to provide catch water drains at the lower levels of the lease area to safely dispose the storm water.
4. Proper de-siltation and clarification mechanism must be provided.
5. The approach road to the quarry from the main road must be maintained in good motorable condition by the proponent.
6. The blasting time must be displayed and strictly adhered to. Considering the proximity to the road it is better to restrict blasting to two times a day when the traffic in the road is least. The PPV values must be less than 10 mm/sec. Steps to be taken to limit fly rock to the quarry area.
7. Vegetation seen all around the quarry must be maintained till the entire life of quarry.

Appraisal report is enclosed as Annexure .1

Item.No.48.07 Environmental clearance for the quarry project in Resurvey No. 220/1, 220/2, 220/4, 272/5, 272/6 and 272/7 at Mulamkuzhy village, Malayattur-Neeleeswaram Gramma Panchayath, Aluva Taluk, Ernakulam District, Kerala by Sri. Bisimon K. C. – Managing Director M/s. Anugraha Metals and Sands Private Limited (File No. 497/SEIAA/KL/3485/2014)

Project Proponent : Sri. Bisimon K. C. Managing Director M/s. Anugraha Metals
Name of Consultant : M/s Mantec Consultants Pvt. Ltd.

As suggested by SEAC the proponent has submitted the revised Mining Plan which was certified by The Geologist, Kochi. The proponent was also present in the meeting as per the decision of 45th meeting of SEAC and produced the certificate issued by VO, Malayattoor (No.15/15(52) dated 31.07.15). As per the certificate the land comprised in Sy. No. 272/5,6,7 are part of Govt. purambokku area. Since the proponent has not submitted NOC for mining in that area the committee decided to consider Sy No. 220/1, 220/2 and 220/4 for the issuance of EC.

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 for mining in the area covered under Sy. Nos. 220/1, 220/2 and 220/4 with the following specific conditions, in addition to the general conditions stipulated for mining projects.

1. Protective fencing must be provided along the steep cuttings and along the boundary of the lease area.
2. Over burden is to be stored in the designated places and provided with protective support walls.
3. The drainage from the quarry must be channelised to the eastern part with proper desiltation and clarification mechanism and led into a RWH structure. Only clarified water is to be let out of the area.
4. It is necessary to provide garland drains on the upper part and catch water drains at the lower levels of the lease area to safely dispose the storm water.
5. The approach road to the quarry from the main road is a narrow road which must be

widened and maintained in good motorable condition by the proponent. The access to the crusher must also be maintained.

6. Vegetation seen all around the quarry must be maintained.

Appraisal report is enclosed as Annexure .2

Item.No.48.08 Environmental clearance for the quarry project in Sy. No. 147/1(P), 155/2(P), 155/3(P), 154/16(P) and 154/17(P) at Vazhayoor Village, Vazhayoor Panchayath, Ernad Taluk, Malappuram District by Sri. Mohanan, M.E. (File No. 552/SEIAA/KL/4086/2014).

Project Proponent : Sri. Mohanan, M.E., Owner, High Grip Granites
Name of Consultant : M/s Metamorposis 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 proponent has submitted Mining Plan as per KMMC Rule 2015.

As per the application, the proponent has sought EC for an area of 3.6055 Ha. but the certified Mining Plan is for 1.2965 only and the proponent informed at the meeting that he requires EC for the area specified in the Mining Plan only. The land is owned by the proponent. The highest and lowest elevation of the proposed area is 95m AMSL and 45m AMSL respectively. Proposed production capacity is 80,000 MTA. A crusher unit is associated with the quarry. The committee is of the opinion that the ultimate depth of the quarry should be limited to the 20m AMSL.

The committee **deferred** the item for field inspection to assess the ground realities and production of following documents/details;

1. Original Casdastral Map showing the Sy. Nos of proposed area and the nearby plots in the same scale.
2. The estimate of overburden and the place to be proposed for storing the same.
3. A more realistic and need based CSR proposal

Item.No.48.09 Environmental clearance for the quarry project in Sy. No. 1982 at Vellikulangara Village, Mattathur Panchayath, Chalakkudy Taluk, 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 proponent has submitted revised mining plan as per the KMMCR 2015 as per direction of SEAC.

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. Fencing should be provided all around the lease area. The mandatory buffer distance must be left by the side of forest teak plantation, road and HT line.
2. Over burden must be stored in the designated places and provided with protective support walls.
3. The RWH structure and water clarification mechanism provided must be maintained throughout. Periodic desiltation is mandatory.
4. Steps should be taken to limit fly rock within the lease area.

Appraisal report is enclosed as Annexure .3

Item.No.48.10 Environmental clearance for the quarry project in Sy. No. 78/2A Pt at Kumaranellur Village, Karassery Panchayath, Kozhikode Taluk, Kozhikode District, Kerala by Sri. Habeebu Rahiman P.M (File No. 646/SEIAA/EC4/4942/2014)

Project Proponent : Sri. Habeebu Rahiman P.M
EIA Consultant : M/s Enkay enviro services Pvt. Ltd

The proponent has submitted revised mining plan as per the KMMCR 2015 as per the directions of SEAC.

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 general conditions stipulated for mining projects.

Appraisal report is enclosed as Annexure .4

Item.No.48.11 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, Kottarakkara taluk, 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 proponent has submitted FM Sketch for the proposed area as per the directions of SEAC.

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. Workings must be in the form of benches 5m x 5m size and along the strike of the body.
2. The main haulage within the quarry should be developed first for the safe transport of men and material.
3. 100 m buffer distance must be left from the dwelling units

Appraisal report is enclosed as Annexure .5

Item.No.48.12 Environmental clearance for the quarry project in Sy. No. 133/6-1, 134/9-1, 134/9-2, 134/13, 135/2 and 135/4-1 at Manikkal Village, Nedumangadu Taluk, Thiruvananthapuram District by Sri. P. Vijayan Nair, for M/s Kunjikuzhi Stones. (File No. 708 / SEIAA/ KL/ 5685/ 2014).

Project Proponent : Sri. P. Vijayan Nair, for M/s Kunjikuzhi Stones
EIA Consultant : M/s Mantec 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 found that the Mining plan submitted is as per the KMMC Rules 1967 and is necessarily to be revised. Hence the committee decided to **defer** the item for the submission of revised Mining Plan as per KMMC Rules 2015. The committee also decided that the documents submitted by the proponent regarding the registration of the project as a company may be look into by SEIAA.

Item.No.48.13 Environmental clearance for the quarry project in Sy. No. 328/2-1,2-2,3,6,326/1-2,1-1,2, 325/2, 4,5, 301/34, 37 Chadayamangalam Village, Kottarakkara (Taluk), Kollam district, Kerala by Sri. Shaji.S, M/s Shah Quarry (File No. 752/SEIAA/KL/301/2015)

Project Proponent : Sri. Shaji.S
EIA Consultant : Nil

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 proponent has applied for getting EC for an area of 4.6725 Ha. But the certified Mining Plan is for 3.4310 only, out of which 1.2346 Ha is Govt. land. NOC is obtained for quarrying in Govt. land. The highest and lowest elevation of the proposed area is 95m AMSL and 45m AMSL respectively. Proposed water requirement for the project is 10 KLD. The slope is towards north.

The committee **deferred** the item for field inspection to assess the field realities especially the slope of the area and for production of following documents/details;

1. Detailed route map should be provided
2. Biodiversity details of the area with IUCN status of each of the species
3. The original cadastral map certified by village officer
4. A more realistic need based CSR proposal.

Item.No.48.14 Environmental clearance for removal of ordinary sand in Sy.no. 111/6-2 at Kuttoor Village and Panchayath, Thiruvalla Taluk, Pathanamthitta District, Kerala by Sri. P.L.Mohanan (File No.785/SEIAA/EC4/1240/15)

Project Proponent : Sri. P.L.Mohanan

The proponent has submitted the documents such as report of NCESS, the copy of the Judgement of 22/05/2014 and the report of Geologist, etc as suggested by the sub-committee during field inspection.

The sub-committee observed that the land adjacent to the proposed area was already excavated. 1/3 of the proposed area also excavated with the permission of concerned authorities. Part of this land is left in waterlogged condition while the remaining part is filled with cultivation of vegetables and tapioca

The Committee appraised the proposal considering the above situation and the details provided by the applicant and decided to **RECOMMEND** the application for issuance of Environmental Clearance for removal of 3500 m³ of ordinary sand subject to the following specific conditions in addition to the general conditions for sand mining;

1. The exact area from where sand is to be extracted from the survey number 111/6-2 of Block10 shall be provided in a sketch with measurements and certified by competent authorities. The present area shown in the application is 26.75 are which is inclusive of already extracted land. On visual estimate the land from where sand can be taken is not more than 15 are.
2. The top soil of about 1 m shall be kept at the site for refilling and restoration purposes.
3. The maximum depth up to which sand is to be removed shall not exceed 2.5 m (1 m of top soil + 1.5 m of sand)
4. After extraction, the land shall be brought to the level for cultivation of paddy, ie above the summer water level.

Appraisal report is enclosed as Annexure .6

Item.No.48.15 Guidelines or Terms of Reference (ToR) to take up the EIA/EMP study of 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

EIA Consultant : M/s SV Envirolabs & consultant .Visakapatanam

The committee decided to defer the item for discussing it in the 2nd day of the meeting with the presence of Chairman.

Item.No.48.16 Environmental clearance for removal of Ordinary Earth in Sy.no. 480/1 and 481/1 at Velloor Village, Vaikom, Taluk, Kottayam District, Kerala by Sri. Joseph, M.A (File No. 818/SEIAA/EC4/2490/2015)

The Committee verified the application and found that the District Collector, Kottayam vide letter no. E.12-51207/14 dated 10.03.2014 reported that the proposed land is a part of hill and the removal of earth will adversely affect the neighbouring plots. The consent from the land owners of the adjacent plots has not been submitted by the proponent. The committee also found that the removal earth from the hilly area will affect the stability of the adjacent plots and hence decided to recommend for **REJECTION** of the application.

Appraisal report is enclosed as Annexure .7

Item.No.48.17 Environmental clearance for removal of ordinary earth in Sy. No. 246/14 at Thiruvaniyoor Village, Thiruvaniyoor Panchayath, Kunnathunadu Taluk, Ernakulam District, Kerala by Sri. K. C. Thampi (File No. 820 /EC3/2522/SEIAA /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 2500m³ of ordinary earth subject to the condition that removal should be in terraced manner limiting average depth of removal to 2m since RDO Moovattupuzha in his proceedings no. K.Dis/466/A3 dated 26.03.2009 has stated that consent from the land owners of the adjacent properties were received.

Appraisal report is enclosed as Annexure .8

Item.No.48.18 Environmental clearance for the quarry project in Sy. No. 97/1(p), 97/2(p) & 97/4(p) at Malayattoor Village, Malayattoor Neeleswaram Grama Panchayath, Aluva Taluk, Ernakulam District, Kerala by Sri. Manoj Antony for M/s. Surya Rock Product (File No. 821/SEIAA/EC3/2546/2015)

Project Proponent : Sri. Manoj Antony for M/s. Surya Rock Product
EIA Consultant : 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 proposed area is partly private land and partly Govt. land. Four granite quarries are located within 500m radius of proposed project. The highest elevation of the proposed site is 85m AMSL and lowest 55m AMSL. Since the bench height proposed is more than 5m the

committee opined that pruning of benches is desirable. The maximum production proposed is 75,000 MTA. The committee suggested that the ultimate depth of quarrying will not be below Edamalayar canal level.

The committee **deferred** the item for Field Inspection to assess the ultimate depth of quarrying and the production of following documents/details;

1. The detailed route map.
2. A more realistic need based CSR proposal.

Item.No.48.19 Environmental clearance for the Building Stone quarry project in Sy. No. 1244 /1 (pt) at Killanur Village, Thrissur Taluk, Thrissur District, Kerala by M/s Rudra Granite Pvt Ltd (File No. 823/SEIAA/EC1/2606/2015)

Project Proponent : Sri. Dineshmon N.T, Rudra Granite
EIA Consultant : M/s Overseas Min-tech 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 highest elevation of the proposed site is 95m AMSL and lowest 65m AMSL. The ultimate depth of the quarry is 55m AMSL. The total water requirement proposed is 9.0 KLD. The maximum production proposed is 1,38,000 MTA. The land use predominates rubber cultivation. The committee opined that more resource can be extracted from the area if the magazine proposed in the project area is shifted from there. The committee also suggested channelizing the drainage in a proper way.

The committee **deferred** the item for Field Inspection to assess the ground realities including the position of magazine and production of more realistic need based CSR proposal.

Item.No.48.20 Environmental clearance for the quarry project in Sy. No. 358/1A1A1A at Padichira Village, Sultan Bathery Taluk, Wayanad District, Kerala by Sri. Mr. Binoj.K.Baby for M/s. Pulpally Stone Crushers (File No. 824/EC3/2607/SEIAA/2015)

Project Proponent : Sri. Binoj.K.Baby for M/s. Pulpally Stone Crushers,
EIA Consultant : M/s GLOBAL Environment & Mining Services(Consulting Engineers,
Mine Designers, Geologists & Surveyors)

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

The mining plan submitted is as per KMMC Rule 1967 and hence a revised mining plan as per KMMC Rule 2015 is required. There is no quarry within 500m radius. The area proposed for quarrying is 1.52 Ha. The life of mine is 15 years. The highest elevation of the proposed site is 807 mRL and lowest is 790.6 mRL. The ultimate depth of the quarry is 764m

RL. The committee also suggested channelizing the drainage in a proper way. The committee opined that the ultimate depth of mining should be limited to the river bed level.

The committee **deferred** the item for Field Inspection to assess the ground realities including the drainage pattern and production of following documents/details;

1. The cadastral map of the area
2. Details of application submitted for wild life clearance
3. Revised Mine plan as per KMMC Rule 2015.
4. A detailed biodiversity report of the proposed area with IUCN status of various species
5. A more realistic need based CSR proposal.

Item.No.48.21 Environmental clearance for the quarry project in Sy. No. 168 at Anakkayam Village, Anakkayam Panchayat, Ernadu Taluk, Malappuram District, Kerala-676122 by Sri. V. Hashim, Partner Ernadu Taluk, Malappuram Dist For Pullanchery Granite Industries of Sri. T V. Hashim, Partner (File No. 825/SEIAA/EC1/2608/08/07/2015)

Project Proponent : Sri. V. Hashim, Partner ,M/s Pullanchery Granite Industries,
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 mining plan submitted is as per KMMC Rule. The area proposed for quarrying is 4.1496 Ha. The life of mine is 10 years. The highest elevation of the proposed site is 111m AMSL and lowest is 56 m AMSL. Annual production of the unit proposed is 1,60,000 MTA. The quarry was in operation since 1994-95 with short term permit. A crusher unit having capacity of 100 tons/day is associated with the proposal. Even though there are other quarries seen in the satellite image, the Geologist has certified that there is no quarry within 500m radius

The committee **deferred** the item for Field Inspection to assess the ground realities including the possibility of cluster situation.

Item.No.48.22 Environmental clearance for the Quarry project in Sy. No. 274, 275/1A3, at Thirumittacode Village II, Thirumittacode Panchayath, Pattambi Taluk, Palakkad District, Kerala by M/s Triphy Granites Pvt Ltd. (File No. 826/SEIAA/EC1/2609/2015)

Project Proponent : Sri. Benny Pathrose, Partner, Triphy Granite
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 mining plan submitted is as per KMMC Rule 1967 and hence a revised mining plan as per KMMC Rule 2015 is required. The area proposed for quarrying is 4.7811 Ha. The life of mine is 8 years. The highest elevation of the proposed site is 160 m AMSL and lowest is 70 m AMSL. Annual production of the unit proposed is 2,00,000 MTA. The quarry is in operation with lease. A crusher unit having capacity of 100 tons/day is associated with the proposal. Even though there are other quarries seen in the satellite image, the Geologist has certified that there is no quarry within 500m radius

The committee **deferred** the item for Field Inspection to assess the ground realities including the possibility of cluster situation and production of an approved mining plan as per KMMC Rule 2015.

Item.No.48.23 Environmental clearance for the proposed expansion of Artect Colors, Residential Apartment at Karyavattom in ReSy. Nos. 351/3-1, 351/3-3, 351/3-4, 351/3-2, Sy.No. 3023/14-1, 14, 3023/14-1 at Uliyazhathura Village and Thiruvananthapuram Taluk, Thiruvananthapuram District, Kerala by Sri. Viju Varghese (File No. 827/SEIAA/EC1/2616/2015)

Project Proponent : Sri. Viju Varghese, Artech Realtors Pvt. Ltd
EIA Consultant : ULTRA-TECH Environmental Consultancy and Laboratory,

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

The proponent informed that the construction phase is expected to be around 3 years. The present land use is coconut cultivation in terraces. The proponent also informed that there is no building in the proposed area. The total cost of the project is 49.10 Crores. Height of the proposed building is 57.0 m.

The committee **deferred** the item for Field Inspection and for production of following documents/details;

1. Revised site plan
2. A clear access road with 10m width
3. Instead of incinerator bio gas plant for solid waste management is to be provided.
4. Emergency evacuation plan
5. Details regarding the parking facility.
6. Details regarding the type of foundation and piling
7. Details of quantity of earth to be removed with profile sketch
8. Land use plan of the site

The meeting ended at 4.30 pm with vote of thanks to the Chairman and Members.

List of Members present

1. Dr. Keshav Mohan
2. Sri. P. Sreekumaran Nair
3. Sri.S. Ajayakumar
4. Dr.Khaleel Chowa
5. Dr.K.G Padmakumar
6. Sri. John Mathai
7. Dr. George Chackacherry
8. Dr. Harikrishnan
9. Sri. C.S. Yalakki IFS
(Secretary SEAC)

Dr. Keshav Mohan
Chairman(i/c), SEAC

C S Yalakki IFS
secretary, SEAC

IInd Day(07.11.2015)

Item.No.48.24 **Environmental clearance for removal of ordinary earth in Sy. No. 156/4,3,2 at Arakkapadi Village, Vengola Panchayath, Kunnathunadu Taluk, Ernakulam District, Kerala by Sri. V. K. Rasheed (File No. 829 /EC3/2663/SEIAA /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 2000 m³ of ordinary earth subject to the condition that removal should be in terraced manner limiting average depth of removal to 1m.

The appraisal report is enclosed as Annexure. 9

Item.No.48.25 **Environmental clearance for proposed Apartment Project at Sy. No. 109/1A1, at Nellikode Village, Kozhikode Taluk & Municipality and Kozhikode District, Kerala by Sri. Rameshan P., M/s ULCCS IT Infrastructure (P) Ltd (File No. 831/SEIAA/EC4/2705/2015)**

Project Proponent : Sri. Rameshan P., M/s ULCCS IT Infrastructure (P) Ltd
EIA Consultant : M/s Environmental Engineers & Consultants Pvt. Ltd.

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

The total plot area of the project is 0.73462 Ha and the total built up area is 39,031 m². The no. of residential blocks proposed is one and the project consists of basement, ground and 28 floors. The total height of the project is 88.7252 m and the power requirement is 1,700 kVA. The proponent informed that there is a high tension lines in the north west direction. 10 m wide entry and exit road is proposed. The bio gas plants and bio bins are proposed for solid waste management.

The committee **deferred** the item for Field Inspection focussed on stability of the cuttings, facility of discharging treated water to the public drain system, location of RWH pond, nature and texture of soil, and violations if, any.

Item.No.48.26 **Environmental clearance for the Proposed construction of office space project at Survey Nos. 80/4(pt), 80/2(pt) , Puthencruz Village, Puthencruz Panchayat, Kunnathunadu Taluk, Ernakulam District, Kerala by Sri. Mr. P.V.S. Vinod Tharakan, Managing**

**Director, M/s Claysys Lifestyle Pvt. Ltd. (File
No. 832/SEIAA/KL/2706/2015)**

Project Proponent : Mr. P.V.S. Vinod Tharakan, Managing Director, M/s Claysys
Lifestyle Pvt. Ltd

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

The proponent of the proposal contained in file no 832/SEIAA/KL/2706/2015 attended the meeting along with the experts. But title of the agenda and the note prepared have no relevance to the proposal. Recurrence of such omissions and commissions can not be allowed to continue. Chairman requested Secretary to convene the meetings only when he is confident about the accuracy of the agenda notes. Having appeared before the Committee the proponent was allowed to make his presentation.

The proponent informed that the land proposed is part of Infopark Phase 2 The area is not included in SEZ. The proponent also informed that they have proposed multi-level parking facility. RWH proposed is having a capacity of 565.44 KL. The total plot area of the project is 0.6475 Ha and the total built up area is 30,501.4 Sq. m. The no. of building blocks proposed is 3 and the project consists of basement, ground and 14 floors. The total height of the project is 88.7252 m and the power requirement is 2,652 kVA. The total cost of the project is 60.9432 Crores.

The committee **deferred** the item for Field Inspection and the production of existing land use plan of the site

Item.No.48.27 Environmental clearance for the Proposed commercial cum retail building project by M/s Pothys in Survey nos. 106/1, 2, 107/2, 3 at Ernakulam Village, Kanayannur Taluk and Ernakulam District, application of Sri. S. Ramesh for M/s Pothys (File No. 833/SEIAA/KL/2711/2015)

Project Proponent : Sri. S. Ramesh for M/s Pothys

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 proponent has informed that the nature of project area is purayidam. The total plot area of the project is 0.5399 Ha and the total built up area is 33,593.74 m². The no. of building blocks proposed is one and the project consists of 2 basements, lower ground, upper ground and 8 floors. The total height of the project is 35.40m and the power requirement is 2,652 kVA. The total cost of the project is 85 Crores.

The proponent informed that Mangalavanam Bird Sanctuary is within a distance of 3.5 KM from the project area. Hence the wild life clearance is required.

The committee **deferred** the item for Field Inspection and for submission of documents regarding the application submitted for wildlife clearance.

Item.No.48.28 **Environmental clearance for the proposed housing project in Survey nos. 60/1A, 1B & 1C at Edappally South Village, Kanayannur Taluk and Ernakulam District, application of Sri. Blaze Felix (File No. 834/SEIAA/KL/2712/2015)**

Project Proponent : Sri. Blaze Felix
EIA Consultant : M/s Environmental Engineers & Consultants Pvt. Ltd.

The proponent was absent and hence the item is **deferred**.

Item.No.48.29 **Environmental clearance for the building stone quarry project in Sy. No. 402/1, 403/1, 403/2-1 at Chengalam East Village, Kottayam Taluk, Kottayam District, Kerala by Sri. Charles Mathew (File No. 835/SEIAA/EC4/2713/2015)**

Project Proponent : Sri. Charles Mathew
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 mining plan submitted is as per KMMC Rule. The area proposed for quarrying is 2.0766 hectares. The life of mine is 10 years. The highest elevation of the proposed site is 101 m AMSL and lowest is 81m AMSL. The slope is towards South- East direction. Annual production of the unit proposed is 50,000 MTA. The land use predominates rubber plantation. The proponent has informed that there is no litigation pending against the unit.

The Committee appraised the proposal based on the Mining Plan, Prefeasibility 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 set back from the nearby thodu should be maintained.
2. A set back of 100 m from the nearby house should be maintained.

The appraisal report is enclosed as Annexure 10

Item.No.48.30 **Environmental clearance for the quarry project in Sy. Nos. 459/1, 459/2, 459/2-1, 459/3, 459/4, 460/5, 460/5-1, 461/2, 461/3, 461/4, 461/4-1, 461/5, 461/5-1, at Meenachil Village, Kozhuvanal Panchayath, Meenachil Taluk, Kottayam District, Kerala by Sri. Ebin Jose. (File No. 836/SEIAA/EC4/2714/2015)**

Project Proponent : Sri. Ebin Jose.
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 mining plan submitted is as per KMMC Rule 2015. The area proposed for quarrying is 2.0765 hectares. The life of mine is 10 years. The highest elevation of the proposed site is 129m AMSL and lowest is 121m AMSL. The slope is towards South- West direction. Annual production of the unit proposed is 50,000 MTA. The land use predominates rubber plantation. The proponent has informed that there is no litigation pending against the unit. The proposed area is marked in the cadastral map provided with the application and is found correct.

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

The appraisal report is enclosed as Annexure 11

Item.No.48.31 Environmental clearance for the Quarry project in Sy. Nos.24/2-14pt, 24/2-15pt, 24/2-18pt, 27/6pt, 27/5pt, 27/6-1-pt, 27/7pt, 27/8pt, 33/1, 33/2-1, 33/3pt, 33/5, 33/6pt, 34/1-1pt, 34/1 pt, 34/1-3pt, 34/3-1pt, 34/4pt,at Nedumkunnam Village & Panchayath, Changanacherry Taluk, Kottayam District by M/s. Puthiya Parambil Enterprises (File No. 837/SEIAA/EC4/2715/2015)

Project Proponent : Sri. M.P. Thomas, Managing Partner, M/s Puthiyaparambil Enterprises
EIA Consultant : M/s Environmental Engineers & Consultants Pvt. Ltd.

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

The mining plan submitted is as per KMMC Rule 2015. The area proposed for quarrying is 2.0765 hectares. The life of mine is 17 years. The highest elevation of the proposed site is 125m AMSL and lowest is 95m AMSL. The slope is towards North South direction. Annual production of the unit proposed is 1,25,000 MTA. The proponent has informed that there is no litigation pending against the unit.

The Committee decided to **defer** the item for field inspection to assess the field condition including the distance from the nearest dwelling unit.

Item.No.48.32 Environmental clearance for Masonry Stone Mine (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. K. M. Abdul Rasheed – Managing Director,

Ernakulam Dist. for Ever-One properties India Pvt. Ltd. (File no. 838/SEIAA/EC3/2716/2015)

Project Proponent : Sri. K. M. Abdul Rasheed – Managing Director, Ever-One properties India 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 mining plan submitted is as per KMMC Rule 2015. The area proposed for quarrying is 4.9286 hectares. The life of mine is 8.5 years. The highest elevation of the proposed site is 89m AMSL and lowest is 44m AMSL. The slope is towards North-South direction. Annual production of the unit proposed is 2,00,000 MTA. The proponent has informed that there is no litigation pending against the unit. The crusher unit having a capacity of 100Tones/day is associated with the project.

Since the area proposed is almost 5 Ha, the Committee decided to **defer** the item for field inspection.

Item.No.48.33 Environmental clearance for the Proposed quarry project in Sy. No. 101/5, 101/6, at Edayur Village, Edayur Panchayath, Thirur Taluk, Malappuram District, Kerala by Sri. Binu Cherian (File No. 839/SEIAA/EC1/2717/2015)

Project Proponent : Sri. Binu Cherian
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 mining plan submitted is as per KMMC Rule 2015. The area proposed for quarrying is 2.6872 hectares. The life of mine is 10 years. The highest elevation of the proposed site is 150 m AMSL and lowest is 85 m AMSL. The slope is towards North and North-West direction. Annual production of the unit proposed is 1,00,000 MTA. The proponent has informed that there is no litigation pending against the unit. The crusher unit having a capacity of 80Tones/day is associated with the project.

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

The appraisal report is enclosed as Annexure 12

Item.No.48.34 **Environmental clearance for the quarry project in Sy. Nos. 431/3-1Pt, 431/3-2Pt, 436/4-1, 436/5, 438/4Pt, 438/5Pt, 438/6Pt, 438/9 Pt, at Pampady Village, Pampady Panchayath, Kottayam Taluk, Kottayam District, Kerala by Smt. Mariamma Mathew (File No. 840/SEIAA/EC4/2718/2015)**

Project Proponent : Smt. Mariamma Mathew

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 mining plan submitted is as per KMMC Rule 2015. The area proposed for quarrying is 0.6471 hectares. The life of mine is 6 years. The highest elevation of the proposed site is 92 m AMSL and lowest is 52 m AMSL. The slope is towards South direction. Annual production of the unit proposed is 1,25,000 MTA. The proponent has informed that there is no litigation pending against the unit. The proponent also informed that they have been mining for the last 25 years and have a valid lease up to 2020 .The crusher unit having a capacity of 80Tones/day is associated with the project.

Since there appear to be quite a few number of dwelling units nearby, the Committee **deferred** the item for field inspection

Item.No.48.35 **Environmental clearance for removal of ordinary earth in Sy. No. 121/1-1, 1-1-1, 2 &3 at Mulakkuzha Village, Mulakkuzha Panchayath, Chengannur Taluk, Alappuzha District, Kerala by Sri. Suresh Kumar, K. (File No. 841 /EC3/2802/SEIAA /2015)**

The Committee appraised the proposal and found that there are two land owners for the proposed area and the proponent has submitted affidavit from only one land owner. Hence the Committee decided to **DEFER** the item for the production of affidavit from another land owner also.

Item.No.48.36 **Environmental clearance for removal of ordinary earth in Sy. No. 378/7, 3-2, 6, 10, 12, 13, 14 & 8 at Mulakkuzha Village, Mulakkuzha Panchayath, Chengannur Taluk, Alappuzha District, Kerala by Sri. Suresh Kumar, T. A. (File No. 842 /EC3/2803/SEIAA /2015)**

The Committee appraised the proposal and found that some basic details connected with the proposal are required to be verified. Hence the Committee decided to **DEFER**.

Item.No.48.37 **Environmental clearance for removal of ordinary earth in Sy. No. 3/3 at Karimanoor Village, Karimanoor Panchayath,**

thodupuzha Taluk, Idukki District, Kerala by Sri. Hussain, E. K. (File No. 844 /EC3/2814/SEIAA /2015)

The Committee appraised the proposal and found that some basic details connected with the proposal are required to be verified. Hence the Committee decided to **DEFER**.

Item.No.48.38 Environmental clearance for removal of ordinary earth in Sy.nos. 321/10 at Puthuruthi Village, Thalappilli Taluk, Mundathikode Panchayat, Thrissur District, Kerala by Sri. A.J. Shobin, (File No. 845/SEIAA/EC1/2845/15)

The Committee appraised the proposal and found that some details like date of receipt of application are to be verified. Hence the Committee decided to **DEFER** the item for the complete verification of application.

Item.No.48.39 Environmental clearance for Proposed building Application For Prior Environment Clearance For Life Science Park At Thonnakkal in Sy. No. 187, 188, 192 in Veiloor Village, Thiruvananthapuram Taluk, Thiruvananthapuram District. (File No. 851/SEIAA/ECI/2967/2015)

Project Proponent : Sri. Biju, Assistant General Manager, KSIDC,
EIA Consultant : KITCO

The Committee decided to defer the item for field visit to assess the ground realities.

Item.No.48.15 Environmental clearance for the installation of additional tanks to store crude oil in the Special Economic Zone in Sy. No. 347 at PuthuVypeen Village, PuthuVypeentaluk,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
EIA Consultant : M/s SV Envirolabs & consultant .Visakapatanam

The committee appraised this proposal which was postponed from first day of meeting and found that the proponent had originally submitted the application to MoEF for clearance and MoEF transmitted the application to state SEIAA/SEAC to consider it as 6(b) under category B of scheduled of 2006 EIA notification. The ToR submitted by the proponent was accepted in the 46th SEAC meeting with suggestions to include some additional points. As per the decision of 47th meeting of SEAC the proponent has submitted EIA Report prepared by M/s SV Envirolabs& consultant, Visakapatanam a NABET accredited agency. The proponent has submitted lr. from KCZMA(No.119/MS/2015/KCZMA dated 18.09.2015), in which it is stated that the 72nd meeting of KCZMA held on 17.09.2015 considered the application of BPCL for CRZ clearance and decided to recommend the proposal to SEIAA.

The project falls within CRZ area. The committee considered the proposal in detail and took into consideration the fact that the proposal is implemented by a public sector undertaking, is situated in a SEZ and is for the expansion of the existing storage capacity. The original application, EIA Report and other connected documents were examined in detail. There after the committee decided to recommend the proposal for issuance of environmental clearance with the following specific conditions in addition to the general conditions and also after incorporating the recommendations of KCZMA.

1. Constant vigil shall be maintained to prevent oil spillage in any form to the backwaters.
2. All safety measures to deal such any such situation shall be properly maintained strictly adhering the relevant rules and protocols.
3. The mitigation measures proposed in EIA reports during the construction and implementation period shall be strictly followed.
4. The entire stretch of the pipeline shall be buried underground except at the booster pumping station, which will be properly fenced and the station would be manned round the clock. The buried lines should be protected with anticorrosive collar based coating. The coating will be tested with high voltage detector in accordance with prescribed standards.
5. Markers shall be installed at every 30 m to indicate the position of the line.
6. The smooth and safe operation of the system will be ensured by incorporating a computerised SCADA (Supervisory Control And Data Acquisition) system.
7. There should be safety boards at critical locations giving emergency instructions as well as contact details of Cochin Refineries Ltd.
8. It shall be ensured that the mangrove along the proposed area, if any shall not be adversely affected due to the project.
9. Storage of petroleum products shall be permitted within the provisions of CRZ Notifications 1991, and its subsequent amendments.
10. The impact of oceanographic parameters on the subsea pipelines such as bulking, slope stability, prediction of marine growth, local bad effects, pipe line spanning, liquefaction, etc shall be studied.

The appraisal report is enclosed as Annexure 13

General discussions and decisions

1) Preparation of agenda notes :

Chairman expressed his unhappiness over not circulating error free agenda notes for meetings sufficiently in advance. If it is done the members can come prepared and the proceedings of the Committee can be speeded up. The meeting dates need be fixed only after taking this into consideration. For the 48th meeting e-mailed agenda differs from the actual agenda distributed which also contains avoidable errors. The Secretary explained his constraints especially the shortage of staff. The Committee requested him to tailor the number of agenda items so that he is able to ensure advance circulation and accuracy of agenda notes.

2) Follow up in the decisions taken in the earlier meetings:

a) Inadequacies which otherwise should have been rectified by the SEIAA while accepting applications have come to the notice of the Committee while appraising the proposals. Mining Plans not in conformity with the KMMC Rules 2015, time expired validity of accreditation of consultants etc are few of shortcomings recently pointed out. Hence it was decided in the 45th meeting of the Committee to bring this fact to the attention of the SEIAA

and also to recheck for such shortcomings in the earlier proposals cleared by the Committee. The Committee requested the Secretary to complete the above task immediately.

b) For want of details/clarifications the Committee had in its earlier meetings deferred decision on many proposals. All such proposals need to be revisited at earliest to take a final decision. The Secretary was requested to place all such cases in the coming meetings so as to bring down the number of pendency before the Committee.

3) **Online processing of EC applications:** MoEF& CC has been directing both SEIAA and SEAC to implement the Online Submission and Monitoring of Environmental Clearance. The members of the Committee expressed their readiness to switch over to web based processing at any time SEIAA decides. Hence the Committee requested SEIAA to do the needful in the matter without any further delay.

4) **Engaging accredited consultants for B2 proposals:** MoEF&CC on 9.10.15 has issued a draft notification enabling the consultants with accreditation to prepare the Environmental Impact Assessment report and Environmental Management Plan of a project in that sector and category and to appear before the concerned Expert Appraisal Committee (EAC) or the State Expert Appraisal Committee (SEAC). The Committee examined the issue in detail especially in context of the complaints regarding huge fees small proponents have to shell out for engaging accredited consultants. After perusing notifications and OMs issued by the MoEF&CC in this regard, Committee came to the conclusion that no such consultants are required to be engaged for the proposals which do not involve EIA study. At the state level B2 projects don't require EIA study. Hence there is no need for engaging a Consultant. The Committee decided to appraise in future all proposals taking this fact into consideration and also bring the above decision to the notice of the SEIAA.

5) **Pending field inspections:** Quite a few proposals are pending for want of field inspection notes. Unless field inspections are co-ordinated from the Secretariat pendency will only accumulate. Hence the Committee urged the Secretary to do the needful in the matter.

The meeting ended at 4.30 pm with vote of thanks to the Chairman and Members.

List of members present

- | | |
|--|---|
| 1. Sri. V Gopinathan IFS(Rtd)
(Chairman SEAC) | 1. Dr. George Chackacherry |
| 2. Sri. John Mathai | 2. Dr. Harikrishnan |
| 3. Sri. S. Ajayakumar | 3. Dr. Khaleel Chowa |
| 4. Dr. E.A. Jayson | 9. Dr. K.G Padmakumar |
| 5. Sri. P. Sreekumaran Nair | 10. Sri. C.S. Yalakki IFS
(Secretary SEAC) |

V Gopinathan IFS(Rtd)
(Chairman SEAC)

C.S. Yalakki IFS
(Secretary SEAC)

