

**MINUTES OF THE 49th MEETING OF SEAC, KERALA HELD ON 7th AND 8th
DECEMBER, 2015, AT SP GRAND DAYS HOTEL, THIRUVANANTHAPURAM**

Day 1(07.12.2015)

Item no. 49.00 General Discussions

The decisions are furnished at the end.

**Item no. 49.01 Formal approval of the minutes and appraisal report of 48th SEAC
Meeting held on 06th & 07th November 2015**

The minutes and Appraisal Reports pertaining to the 48th SEAC meeting held on 06th and 07th November 2015 were approved with corrections.

**Item No. 49. 02 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

Further to the intimation of SEAC, the proponent attended the meeting. The committee found that the proposal was considered by the previous committee after presentation. Now the proponent has submitted Mining Plan as per rules. The committee also verified that the field inspection of the proposed project was conducted by the previous committee on 24.09.2013.

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 with following specific conditions, in addition to the general conditions stipulated for mining projects.

1. Fencing needed by the side of old pit with steep faces. The main access road by the side of the pit must have protective pillars.
2. Water must be clarified before it is let out.
3. OB has to be stacked at designated place for future reclamation.
4. The present bench height of 10 m must be reduced to 5 m.
5. Additional green belt must be ensured on the southern and eastern side.

The committee also decided that the documents submitted by the proponent regarding the change of authorised signatory of the project may be looked into by SEIAA.

Appraisal report is enclosed as Annexure .1

Item No. 49.03 Environmental Clearance for the proposed Kannimangalam Granite Quarry at Kannimangalam 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

Further to the intimation of SEAC, the proponent attended the meeting. The committee found that the proposal was considered by the previous committee after presentation. Now the proponent has submitted Mining Plan as per rules. The committee also verified that the field inspection of the proposed project was conducted by the previous committee on 24.092013.

The committee observed that the proponent has submitted application to get EC for Sy no. 301/1 only. But in the mining plan submitted, the land comprised in Sy no. 301/2, 3,4,5 are also seen included. This is to be clarified by the proponent.

The committee **deferred** the item for the following documents/clarification.

1. The difference in Sy nos. mentioned in the application and the Mining Plan.
2. The certificate issued by VO as per sec 27(2) (f) of KMM Rule 2015 regarding the assignment of land.

The committee also decided that the documents submitted by the proponent regarding the change of authorised signatory of the project may be looked into by SEIAA.

Item No.49.04 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. P. V. Suresh Kumar, M/s Travancore Blue Metal Industries (P) Ltd.

Further to the intimation of SEAC, the proponent attended the meeting. The committee found that the proposal was considered by the previous committee after presentation. Now the proponent has submitted Mining Plan as per rules. The proponent has informed that the quarry is presently working with lease which is valid upto 2020. The annual production proposed is 3,00,000 MTA. A crusher unit is associated with the quarry unit. The proponent also informed that another quarry adjacent to the proposed project, viz Meta Rocks pvt. Ltd has obtained EC from the SEIAA Kerala. The committee observed that Kararamana river is flowing near the proposed area.

Since the quarry is working in the neighbourhood of other quarries and Karamana river is flowing near the said quarries, the committee felt that field inspection is necessary to look into the cluster situation. Hence the item is **deferred** for field inspection.

Item No. 49.05 Environmental clearance for the quarry project in Sy. No. 276/2, 281/2 B/No. 45 at Anakayam Village, Anakayam Panchayath and Sy. No. 244 at Manjeri Village, Manjeri Municipality, Eranadu Taluk, Malappuram District by Sri. Abdul Azeez (File No. 537/SEIAA/KL/3880/2014).

Project proponent: Abdul Azeez, Managing Director, Manjeri Bricks and Metals Pvt. Ltd.

The proponent has submitted revised mining plan and Letter of Intent as per KMMC rule 2015 as directed by 45th 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 for mining with the general conditions stipulated for mining projects.

Appraisal report is enclosed as Annexure .2

Item No. 49.06 Environmental clearance for the quarry project in Sy. Nos. 2066/1, 2067/2, 2063, 2057, 2056/2, 3 and 2067/1 at Kuttichira Village , Kodassery Panchayath, Chalakkudy Taluk, Thrissur District by Sri. Shibu Pynadath John, Managing Director, M/s Pynadath Granite Pvt. Ltd., 10/365D, Pynadath Estate, Pulinkara, Kuttichira, P.O., Thrissur – 680724. (File No. 606/SEIAA/EC1/4633/2014).

Project proponent: Shibu Pynadath, M/s Pynadath Granite Pvt. Ltd.

The proponent has submitted revised mining plan, copy of the certificate from Village officer as mentioned in 272(f) of KMMC rule 2015 and revised CSR proposal as directed by 45th 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 for mining with 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, fenced and to be left as danger zone.
2. Overburden must be stored in the designated places and provided with protective support walls.
3. The old pit must be maintained as a RWH structure.
4. Lined catchwater drains should be provided at the lower elevation on the north and south to channelise storm water. The water should be let out only after clarification/desiltation

5. The main haulage road formed in the quarry must be maintained in motorable condition. The alternate road from the Church side should also be maintained in good motorable condition by the proponent.
6. The ultimate depth of quarrying should be limited to 30 m above AMSL.

Appraisal report is enclosed as Annexure .3

Item No. 49.07 Environmental clearance for removal of ordinary earth in Sy.nos. 75/43, 75/44 and 75/42 at Ollur Village, Thrissur Taluk, Thrissur Panchayath, Thrissur District, Kerala by Sri. Titto Varghese (File No. 787/SEIAA/EC1/1301/15)

Project proponent: Sri. Titto Varghese

The committee verified the proposal and found that the proponent has submitted the building permit instead of the required approved building plan as suggested by the SEAC in its 45th meeting. Hence the committee decided to **defer** the item for submission of approved building plan

Item No. 49. 08 Environmental clearance for the quarry project in Sy. No. 232 and 411(Pt), at Mangalam Dam Village, Mangalam Dam Panchayath, Alathur Taluk, Palakkad District by Sri. Tom George (File No. 570/SEIAA/KL/4174/2014).

Project proponent: Sri. Tom George

Further to the intimation of SEAC, the proponent along with the expert attended the meeting. The proponent has informed that the quarry was working with permit for the last 4 years. The annual production proposed is 4,00,000 MTA. The nearest river is at a distance of more than 200m from the proposed area. A crusher unit is associated with the quarry unit. The proponent also informed that the ultimate depth of quarrying shall be limited to 10m above the ground water level. The committee observed some buildings near the quarry and the proponent informed that those are not used for dwelling purpose. The highest and lowest elevation of the proposed area is 125m AMSL and 95m AMSL respectively. The slope is towards South-West direction.

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 for mining with following specific conditions, in addition to the general conditions stipulated for mining projects.

1. The buildings seen adjacent to the proposed unit shall not be used for dwelling purpose.
2. A comprehensive community drinking water scheme for the project and the nearby area should be provided as part of Social Responsible Activity.

Appraisal report is enclosed as Annexure .4

Item no.49.09 Environmental clearance for proposed Centralized Biomedical

**waste Treatment Facility (CBMWTF) at Kinalur Village, met
Koyilandi Taluk Kozhikode District By Sri Deepthikumar P.S.,
M/s Malabar Enviro VSION Pvt. Ltd.
(File No 598/SEIAA/EC4/4601/2014).**

Project proponent: Sri. Deepthikumar P.S. M/s Malabar Enviro Vision Pvt. Ltd.

Name of consultant: Envision Enviro Engineers 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 Bio-medical Treatment Facility include 2 nos of incinerators (300 & 200 kg/hr) 2 nos of autoclaves (400kg/hr) and a shredding unit (700kg/hr). The proponent has got consent to establish from KSPCB. The proponent has informed that the waste will be segregated at its source itself and then transported for treatment. The plastic wastes will be shredded and recycled. The committee suggested that greenbelt should be provided by using common local tree species. The power requirement of the project is to be met by electricity and DG sets.

The proponent also informed that the equipments will be cleaned every day and the waste water will be channelized to ETP and the ashes will be removed once in every 15 days. The committee apprehended that the slope is towards the settlement area. The proponent informed that a huge compound wall is proposed around the area and will manage the storm water properly. The committee observed that the TOR for the project has been approved by MoEF and the EIA report is prepared on the basis of that. The Committee appraised the proposal based on the EIA report, and all other documents submitted along with the application and decided to **RECOMMEND** for issuance of Environmental Clearance with the general conditions stipulated for Biomedical waste Treatment Facility.

Appraisal report is enclosed as Annexure .5

**Item No.49.10 Environmental clearance for the building stone quarry project in
Sy. Nos. 781/1-16, 781/1-21-126, 781/1-22, 781/1-26Pt, 781/1-28-D2,
781/1-28-20, 781/1-28-22, 781/1-28-24, 781/1-30 and 781/32 at
Athikayam Village, Ranni Taluk, Pathanamthitta District, Kerala
by Sri. Kuriakose Sabu (File No. 621/SEIAA/EC4/4775/2014)**

Project proponent: Sri. Kuriakose Sabu

Further to the intimation of SEAC, the proponent along with the RQP attended the meeting and the RQP made a brief power-point presentation. The lease area consist of 10.9323 Ha and the annual production proposed is 5,70,000 MTA. There are 2 quarries within 500 m radius of the project area. The quarry is presently not working and the land use predominates rubber plantation. A crusher unit is associated with the quarry unite. The highest and lowest elevation of the proposed area is 400m AMSL and 200m AMSL respectively. The quarry was working with 2 leases which expired in 2014. The anticipated

life of the quarry is 11-12 years. The committee observed some discrepancies in the mine closure plan while power point presentation. The Committee also felt that the CSR is to be revised.

Since the quarry is proposed is in a steep area, the committee felt that field inspection is necessary. Hence the item is **deferred** for field inspection and the production of a more realistic Social responsibility proposal

Item No.49.11 Environmental clearance for the building stone quarry project in Sy. No. 496/1,496/2-1, 498/11 , 498/1, 498/2, 498/9(part), 498/9-3, 498/9-4 and 498/10 at Mallapally Village, Mallapally Taluk, Pathanamthitta District- by Sri. A.D. John. (File No. 796/SEIAA/EC4/1957/2015)

Project proponent: Sri. A.D. John.

The committee verified the proposal and found that the proponent has not submitted the Cadastral map of the lease area clearly indicating the area proposed to be quarried ensuring a minimum 100m buffer distance from the dwelling units as suggested by the sub-committee at the time of field inspection.

The committee **deferred** the item for the production of Cadastral map

Item No.49.12 Environmental clearance for the quarry project 111/8-2, 113/1-2, 113/1-3, 112/5, 114/1, 114/2, 114/7, 113/1, of Chithara Village & Panchayat, Kottarakara Taluk, Kollam District, Kerala for an area of 2.2541 hectares by Sri. Dilly Sukhy, Managing Partner, M/s Ananthapuri Blue Metals (File No. 799/EC3/2042/SEIAA/2015)

Project proponent: Sri. Dilly Sukhy, Managing Partner, M/s Ananthapuri Blue Metals

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 with following specific conditions, in addition to the general conditions stipulated for mining projects.

1. Fencing should be provided all around the lease area.
2. Over burden should be stored in the designated places and provided with protective support walls.
3. Ultimate depth of mine which will depend on the possible benches of 5m width and 5m height in the lease area as no prominent streams are seen in the vicinity.
4. A declaration to be produced stating that the building on the northern side is not a dwelling unit and is used for rubber sheet related activity.
5. The building in the northern side shall not be used for residential purpose.

Appraisal report is enclosed as Annexure -6.

Item no. 49.13 Environmental clearance for the building stone quarry project in Sy. No. 53/1, 53/1-1 to 53/1-6 at Veliyanoor Village, Meenachil Taluk, Kottayam District by Sri. Shajimon E.N (File No. 802/SEIAA/EC4/2102/2015)

Project proponent: Sri. E.N. Shajimon

The committee verified the Cadastral map of the lease area indicating the area proposed to be quarried ensuring a minimum 100m buffer distance from the Karamala-Poovakulam road and dwelling units submitted by the proponent as per the direction of sub-committee during the time of Field inspection. But the affidavit regarding the use of houses of the Proponent on the lower slope to be converted as office and other facilities and the revised Social Responsible proposal have not been submitted.

The committee decided to **defer** the item for the production of affidavit and revised Social Responsibility proposal.

Item No. 49.14 Environmental clearance for the building stone quarry project in Sy. Nos.133/1,133/1-1,133/2,133/3,133/5,133/6,133/6-1,133/6-2,133/6-3,133/6-4,133/6-5, 133/6-6,133/6-7,133/7,133/7-1,133/7-2,133/7-3,133/7-3,133/7-4,133/8-1,133/9,133/9-2,107/4-1,107/6,107/6-2,107/7,107/7-2,107/7-3,107/8,108/1,108/3,108/3-1at at Block no.32,in Kottangal village, MallapallyTaluk-, Pathanamthitta District- by Sri. A.D. John (File No. 803/SEIAA/EC4/2120/2015)

Project proponent: Sri. A.D. John

The committee verified the proposal and found that the proponent has not submitted the Cadastral map of the lease area clearly indicating the area proposed to be quarried ensuring a minimum 100m buffer distance from the dwelling units as suggested by the sub-committee at the time of field inspection

The committee **deferred** the item for the production of Cadastral map.

Item No. 49.15 Environmental clearance for the building stone quarry project in Sy. Nos. 247/2, 247/2/1, 247/2/2, 247/2/3, 249/1, 249/2/, 249/3, 249/4, 439/1-1, 248/4, 248/3pt at Erattupetta Village, Thalappalam Panchayath, Meenachil Taluk, Kottayam District- by Sri. Tomy Thomas (File No. 806/SEIAA/EC4/2237/2015)

Project proponent: Sri. Tomy Thomas

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 with following specific conditions, in addition to the general conditions stipulated for mining projects.

1. Fencing should be provided all around the lease area.
2. Considering the steepness of slope, haulage road must be redesigned with increase in width and lower gradient.
3. Catch water drains must be provided at the lowest part and channelized down slope after clarification.
4. RWH structure should be provided in the site but on the lower part.
5. Ultimate depth of mine to be limited to the permissible level of deepening by benches.
6. OB burden must be stored in a designated place at a lower elevation and must be provided with protective walls to prevent slope stability problems.
7. The working must progress from top to bottom by providing benches. The existing steep cuttings should be negotiated in a planned manner

Appraisal report is enclosed as Annexure .7

DAY II (08.12.2015)

Item No. 49.16 Environmental clearance for the proposed expansion of existing IT /ITES SEZ campus project (M/s Infosys Limited) in Sy. No. 198(p), 143(p), 180(p), 181(p), 190(p), 191(p), 192(p), 200(p), 203(p), 183, 184, 186, 188, 194, 195, 196, 197, 199, 201, 202(p), 204(p), 223(p) and 224(p) in Block No. 18 at Attipra Village, Thiruvananthapuram Taluk, Thiruvananthapuram District by Adv.Dr.P.Ramadas Kamath, U. (File No. 647/SEIAA/KL/4943/2014).

Project proponent: Adv. Dr.P. Ramadas Kamath, U., M/s Infosys Limited

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 committee observed that instead of applying for the ToR for EIA, the proponent on 17.10.2014 submitted an application for EC without draft ToR. SEIAA overlooked the omission and transmitted the application for appraisal and it was placed before the committee only on its 40th meeting held on 29th May 2015 and though the proponent was requested to be present he was not represented in the meeting. Hence the committee deferred the proposal. Meanwhile the proponent submitted draft ToR on 9.9.2015 to SEIAA. Since it did not come up before the committee for consideration it became deemed on expiry of prescribed time limit. Hence the proponent presented the EIA report before the committee based on the standard ToR. The Committee observed that the proposed area falls under SEZ. EC for the existing building was obtained from MoEF on 4.06.2008.

The committee observed that a thodu is dividing the project area and the proponent informed that it will be retained and the connecting drain from the thodu will be conserved.

The proponent also informed that they have provided sufficient setback from the 110 high tension line which is passing through the northern side of the proposed area. The Committee suggested providing tree belt with native species near the NH side of the proposed area. The proponent informed that they proposed biogas plant and organic waste convertors for solid waste management.

The Committee appraised the proposal based on Form-I, Form-IA, EIA report and all other documents submitted along with the application and decided to **RECOMMEND** for issuance of Environmental Clearance with following specific conditions, in addition to the general conditions stipulated for building projects subject to the production of following documents/details.

- 1) The emergency parking facility proposed should be ear marked.
- 2) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- 3) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- 4) Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate water courses and the sump sites for such materials must be secured so that they should not leach into the ground water.
- 5) Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Kerala State Pollution Control Board.
- 6) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.
- 7) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- 8) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.

Appraisal report is enclosed as Annexure .8

Item No. 49.17 Environmental clearance for the building stone quarry project in Sy. No. 59/2, 2-1, 2-2, 2-3, 60/3, 60/4 at Ramapuram Village-, Meenachil Taluk-, Kottayam District by Sri. Reji Augustine (File No. 794/SEIAA/EC4/1852/2015)

Project proponent: Sri. Reji Augustine

Further to the intimation of SEAC, the proponent attended the meeting. The proponent informed that the quarry has been working for the last 7 years with permit

and is not working now. The proponent has informed that the nearest dwelling unit is 200 m away from the quarry. The proposed area is 2.994 ha which is patta land and the annual production capacity is 1,50,000 MT. The current quarry project is interlinked with stone crusher unit. The water requirement proposed is about 5 KLD. Ultimate depth of mining proposed is 180 m MSL.

The committee decided to **defer** the item for field inspection since a precipitous sloppy land is seen in the northern side of the proposed area.

Item No.49.18 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

Further to the intimation of SEAC, the proponent along with the expert attended the meeting and the expert made a brief power-point presentation. The total built up area of the proposed project is 26,000 m² and the total plot area is 0.57 ha .The proposed project include 50 nos of 3 bed rooms and 50 nos of 4 bed rooms. The expert informed that they have obtained fire NOC. Separate entry and exit is proposed for traffic regulation. The proponent has informed that only 31% of the land is used for construction. The proponent agreed to enhance the capacity of proposed RWH capacity of 50,000 KL to 1,00,000 KL. The projects depends KWA for drinking water only. There is a thodu flowing adjacent to the proposed area and the proponent informed that it will be maintained properly.

The Committee appraised the proposal based on Form-I, Form-IA, EIA report and all other documents submitted along with the application and decided to **RECOMMEND** for issuance of Environmental Clearance with following specific conditions, in addition to the general conditions stipulated for building.

1. The RWH capacity should be enhanced to 1,00,000 KL
2. The thodu flowing adjacent to the proposed area should be kept undisturbed.

Appraisal report is enclosed as Annexure .9

Item.No.49.19 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)

Project proponent: Sri. Sarasan, K. S.

The committee verified the Certificate of Vo and RDO submitted by the proponent and found that the proposed land fell under the category nilam as per revenue records and the

certificates. Hence the committee **deferred** the item for production of recommendation of Local Level Monitoring Committee as per Paddy and Wetland Act -2008.

Item.No.49.20 Environmental clearance for the quarry project in Sy. Nos. 375/7, 385/1, 385/2-1, 385/2-2, 385/3, 385/4-1, 385/4-2, 385/5-2, 385/6, 385/7, 385/8, 385/9, 385/10, 385/11, 385/12, 385/13, 385/14, 385/15, 385/16-2, 385/16-3, 385/17, 386/4, 386/5-2, 386/5-2-1, 386/5-3, 386/5-4, 386/11, 386/12, 386/13, 386/14, 386/15, 386/15-2, 386/15-3, 386/16, 386/17-2, 387/4, 387/5, 387/7-1, 387/8, 387/9, 387/10, 387/11, 387/14-1, 387/14-2, 387/15, 387/16, 387/17, 388/15-2-2, 388/15-2-3, 388/15-3-3, 388/15-6, 388/15-7, 388/15-10, 389/16 2 and 389/17 at Mankode Village, Kottarakkara Taluk, Kollam District, Kerala by Sri. R. Madhoosudanan Nair for M/s. Chithara Crushers Metals (File No. 812/EC3/2477/SEIAA/2015)

Project proponent: Sri. R. Madhoosudanan Nair for M/s. Chithara Crushers Metals

The committee verified the Cadastral map indicating the boundary and revised responsibility programme based on need analysis submitted by the proponent as per the direction of 47th meeting 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 for mining with following specific conditions, in addition to the general conditions stipulated for mining projects.

1. The worked out area with very steep cliff like feature may be demarcated and fenced as danger zones with sign boards.
2. Overburden should be stored in the designated places and provided with protective support walls. Storage of rejected fine muck from the crusher should also be stored separately as it has utility for basement filling or road work.
3. Storm water drainage from the upper part must be channelised properly through well defined channels. Catch water drain should also be provided
4. The RWH structure and water clarification mechanism should be provided preferably on the lower northern part in continuation with storm water channel and maintained throughout the life of the quarry. Periodic desiltation is mandatory.

Appraisal report is enclosed as Annexure .10

Item No. 49.21 Environmental clearance for the quarry project in Survey Nos. 283/4-2-1-1 pt., 284/3 pt., 284/4 pt., 284/3-2pt., 284/4-2 pt., 284/5-3, 285/3-2 pt., 285/4-2 pt., 285/5-1pt., 285/5-2 pt., 285/6-2, 285/10-1 pt., 285/11 pt., 387/1-1pt., 387/1-2 pt., Chitara Village &

**Panchayat, Kottarakkara Taluk, Kollam District, Kerala for M/s
Masonry Stone Mine (Quarry) project of Mr. Sunil Kumar S.
(File No. 813/SEIAA/EC3/2484/2015)**

Project proponent: Mr. Sunil Kumar S, M/s Masonry Stone Mine (Quarry) project.

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 with following specific conditions, in addition to the general conditions stipulated for mining projects.

1. Fencing should be provided all around the lease area.
2. Storm water drainage from the upper part must be channelised through well defined channels. Considering the topography catch water drain should also be provided on the lower part for the safety of crusher unit and other facilities.
3. The RWH structure and water clarification mechanism planned should be in place. Periodic desiltation is mandatory.
4. The road leading to the quarry and the haulage lines should be kept in pristine condition with sufficient width.

Appraisal report is enclosed as Annexure .11

Item No. 49.22 Environmental clearance for the building stone quarry project in Sy. No. 348/7, 349/5, 349/6, 349/7, 349/8, 350/6, 350/7, 350/8, 350/9, 350/10 at Kanakkary Village, Meenachil Taluk, Kottayam District by Dr. Vivish Thomas (File No. 815/SEIAA/EC4/2486/2015)

Project proponent: Dr. Vivish Thomas

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 with following specific conditions, in addition to the general conditions stipulated for mining projects.

1. Fencing should be provided all around the lease area.
2. The very steep cliff like flanks of the deep pit used as RWH structure shall be demarcated and fenced as danger zone with sign boards.
3. Approach roads to the quarry and the main haulage road shall be maintained
4. A minimum buffer distance of 100 m must be left from the nearest dwelling unit.

Appraisal report is enclosed as Annexure .12

Item no.49.23 Environmental clearance for the Proposed Building Stone quarry project in Sy. No 217/2-2,217/2-3,217/2-1,218/3 at

**Parakkadavu Village , Aluva Taluk, Ernakulam District,
Kerala by Sri K.m. Joy (File No. 843/SEIAA/EC1/2805/2015)**

Project proponent : Sri K.M. Joy

Further to the intimation of SEAC, the proponent attended the meeting. The total area proposed for EC is 2.4169 ha Which is patta land. The proponent has the quarry was working for the last 8 years with permit and presently it is not working from February 2015 onwards. The proponent also informed that no forest land is near to the quarry area. As per the certificate issued by the Geologist there are more than 8 quarries within 500 m radius of the proposed area. Distance of the mining area from the nearest human settlement is 100 m West. Ultimate depth of mining proposed is 72 m MSL.

The committee decided to **defer** the item for field visit to verify the cluster situation if any, since there are more than 8 quarries within 500 m radius.

**Item No.49.24 Environmental clearance for the proposed quarry project in
Sy. Nos 105 pt & 111pt at Kannamangalam Village,
Kannamangalam Panchayath, Tirurangadi Taluk, Malappuram
District, Kerala by Sri. Abdul Khader. K
(FileNo.846/SEIAA/EC1/2858/2015)**

Project proponent : Sri. Abdul Khader. K

Further to the intimation of SEAC, the proponent attended the meeting. The total area proposed for EC is 8.8082ha. which is patta land. Ultimate depth of mining proposed is 195 m MSL. The annual production capacity is 2,50,000 MT. The proponent has informed that there are more than 25 quarries in Oorakam hill area. The proposal is for a fresh quarry unit. To the enquiry of the committee, the proponent has informed there is no complaint against the quarry unit and the quarry is yet to be started.

Since the proposed quarry is a fresh one, the committee decided to **defer** the item for field visit.

**Item no. 49.25 Environmental clearance for the Proposed quarry project in Sy. Nos
2059/1, 2060, 2061, 2063 of Kuttichira Village & Survey Nos . 928,
929, 930, 931, 932/1, 932/2 at Kodassery Village, Kodassery
Panchayath, Chalakudy Taluk, Thrissur District, Kerala by Sri.
Basil Madappilly (FileNo.847/SEIAA/EC1/2859/2015)**

Project proponent : Sri. Basil Madappilly

Further to the intimation of SEAC, the proponent attended the meeting. The total area proposed for EC is 4.94 ha. which is patta land out of a total area of more than 12 ha. Ultimate depth of mining proposed is 40 m MSL. The annual production capacity is 2,00,000

MT. The highest elevation of the lease area is 80 m MSL and lowest is 40 m MSL. The proponent has informed that the blasting time is scheduled on 5.00pm. The proponent also informed that the top soil excavated from the quarry will be dumped separately at pre-determined place and subsequently will be utilized in spreading over reclaimed areas for plantation. The total power requirement will be 75 kw, which will be drawn from diesel engine. The proponent has stated that there is no litigation is pending against the lease area/applicant of the proposed lease area in any court of law.

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 for mining with general conditions stipulated for mining projects.

Appraisal report is enclosed as Annexure .13

Item No.49.26 Environmental clearance for the quarry project in Sy. No. 4/3, 4/4, 4/11-1, 4/11, 4/13-1, 4/13-2, 4/13-3, 4/14, 6/1, 6/3, 6/4, 9/1, 9/2, 9/3, 9/4, 9/5, 9/6, 9/7, 6/5, 16/2 at Ezhumattoor Village, Mallapally Taluk, Pathanamthitta District, Kerala by Sri. V.R. Ajayakumar, Mallapally Pathanamthitta Dist by Sri. V.R. Ajayakumar. (File No. 816//SEIAA/EC4/2488/2015)

Project proponent : Sri. V.R. Ajayakumar.

The committee verified the cadastral map provided with the mining plan and found satisfactory. 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 for mining with following specific conditions, in addition to the general conditions stipulated for mining projects.

1. A clear buffer width of not less than 7.5 m shall be provided from the stream. The flow of water in the stream should not be tampered with.
2. The deep abandoned pit on the northern side of property shall be maintained as RWH structure
3. Ultimate depth of mine shall be limited to the permissible level of deepening by benches.
4. OB burden and top soil must be used for eco-restoration of old abandoned pits and balance shall be stored in a designated place.
5. While providing benches the existing steep cuttings should be negotiated in a planned and phased manner only.

Appraisal report is enclosed as Annexure .14

Item No. 49.27 Environmental clearance for removal of ordinary earth in Sy. No. 378/7, 3-2, 6, 10, 12, 13, 14 & 8 at Mulakkuzha Village, MulakkuzhaPanchayath, ChengannurTaluk, District, Kerala by Sri. Suresh Kumar, T. A. (File No. 842 /EC3/2803/SEIAA /2015)

Project proponent: Sri. Suresh Kumar, T. A.

The committee appraised the proposal and found that the removed earth is proposed to be utilised for Southern railway –doubling of Harippad- Ambalappuzha lane and the proponent has submitted consent from the land owners of adjacent properties. 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 2000m³ of ordinary earth subject to the condition that removal should be uniformly from the area by forming terraces.

Appraisal report is enclosed as Annexure .15

Item No. 49.28 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)

Project proponent: Sri. Hussain E. K.

The committee appraised the proposal and found that the removal of earth is proposed for the construction of a new building. From the location sketch it is found that earth is removed from the same plot more than one time. Hence the committee observed that the application submitted is not convincing and hence decided to recommend to SEIAA for **rejecting** the application

Appraisal report is enclosed as Annexure .16

Item No. 49.29 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)

Project proponent: Sri. A.J. Shobin

The committee appraised the proposal and found that the removed earth is proposed to be utilised for KLDC work and the proponent has submitted consent from the land owners of adjacent properties. 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 5000m³ of ordinary earth subject to the condition that removal shall be uniformly from the entire area by forming terraces.

Appraisal report is enclosed as Annexure .17

Item No. 49.30 Environmental clearance for removal of ordinary earth in Sy. No. 394/5, 6, 8, 7, 3, 9, 12, 10, 2, 11, 14, 4, 13, 1, 15, 19, 397/1, 398/5, 9, 3, 397/2, 3, 4, 397/12, 13, 14, 15, 16, 17, 18, 19, 398/3, 5, 9. at Kidanganoor Village, Kozhencherry,

**Pathanamthitta – 689532 by Sri. K.H. Shajahan Rawathar
(File No. 936/SEIAA/EC4/3982/2015)**

Project proponent: Sri. K.H. Shajahan Rawathar

The committee appraised the proposal and found that the removed earth is proposed to be utilised for doubling the railway track between Haripad and Ambalappuzha and PWD & Govt work and the proponent has submitted consent from the land owners of adjacent properties. The committee also noted that 44th meeting of SEIAA held on 13th November 2015 considered the request for expeditious clearance for O.E for the track doubling work and requested the SEAC to consider the pending application for removal of O.E. for Railway works in a special meeting to be held this month.

Considering the above situation and also the fact that the earth is proposed to be removed from a large area the committee decided to **RECOMMEND** the application for issuance of Environmental Clearance for removal of 50, 000m³ of ordinary earth subject to the condition that removal should be by forming terraces limiting the average depth to 2m.

Appraisal report is enclosed as Annexure .18

General discussions and decisions

The following general issues were discussed in the meeting and decisions/suggestions as noted here under were made.

1. The Committee has been trying very hard to get an overall idea about the total pendency of proposals for appraisal and the reasons for the same. With this in view a specific query was raised in the previous meeting requesting the secretariat to list out all pending cases along with the reasons for their pendency. Unfortunately it has not been made available so far. When the matter was raised by the Chairman the Secretary informed the committee that no data regarding the pendency of cases are maintained since beginning. Sincere attempts are being made to prepare the statement of pendency of proposals considered after the present SEAC and SEIAA have come in to being from March 2015. He promised that it will be presented in the next meeting. However the details of pending cases from the previous committee are not readily forthcoming. This is very sorry state of affairs and the Committee hope that the SEIAA will take note of this and take urgent remedial measures.
2. Even now quite a few old cases are pending for field inspection. Chairman requested the Secretary to proactively follow up the matter with the respective coordinators so as to finalise the site visit at the earliest.
3. Since SEIAA has already taken a decision to operationalize the online OSMEC the Committee requested the Secretariat to further proceed accordingly as and when the proposals are forwarded to the Committee by the SEIAA. It requires constant vigil and monitoring by the Secretariat.

4. The Committee also heard a submission by few Consultants against the Committee's decision not to insist on their services for B2 proposals. Few Committee members who were not present in last meeting also made few queries. The Chairman explained the rationale behind taking such a decision. Finally, if they are not still satisfied the Consultants were advised to take up their grievance, if any, either before SEIAA or MoEF &CC for redressal.

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

List of Members present

Day I (07.12.2015)

1. Sri V Gopinathan
(Chairman, SEAC)
2. Dr. Keshav Mohan
3. Sri. P. Sreekumaran Nair
4. Sri. S. Ajayakumar
5. Dr.P S Hari Kumar
6. Dr.K.G Padmakumar
7. Sri. John Mathai
8. Dr. George Chackacherry
9. Dr. Harikrishnan
10. Dr. Oommen V Oommen
11. Sri. C.S. Yalakki IFS11.
(Secretary SEAC)

V. Gopinathan IFS
(Chairman, SEAC)

Day II (08.12.2015)

1. Sri V Gopinathan
(Chairman, SEAC)
2. Dr. Keshav Mohan
3. Sri. P. Sreekumaran Nair
4. Sri. S. Ajayakumar
5. Dr.P S Hari Kumar
6. Sri. John Mathai
7. Dr. George Chackacherry
8. Dr. Harikrishnan
9. Dr. Oommen V Oommen
10. Dr. E A Jayson
11. Sri. C.S. Yalakki IFS
(Secretary SEAC)

C.S. Yalakki IFS.
(Secretary SEAC)