

Proceedings of 164th Meeting of SEAC held on 11th and 12th May 2016

11th May 2016

Members present in the meeting:

Shri. N. Naganna	-	Chairman
Prof. D.L. Manjunath	-	Member
Dr. S. Manjappa	-	Member
Dr. B.S. Jaiprakash	-	Member
Dr. H.B. Aravind	-	Member
Shri. B. Chikkappaiah	-	Member
Dr. N. Krishnamurthy	-	Member
Dr. S. Prashanth	-	Member
Dr. K.C. Jayaramu	-	Member
Sri. Srinivasaiah	-	Member
Dr. K.B. Umesh	-	Member
Sri. Subramany.M	-	Member
Sri. Vijaya Kumar	-	Secretary, SEAC

The Chairman, SEAC, Karnataka welcomed the members of the Committee and others present. The following proposals listed in the agenda were appraised in accordance of the provision of EIA Notification 2006. The observation and decision of the Committee are recorded under each of the agenda items.

Confirmation of the proceedings of 163rd SEAC meeting held on 15th and 16th April 2016.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 163rd SEAC meeting held on 15th and 16th April 2016 and confirmed the same.

In the back drop of the recent NGT order regarding construction activities within Bengaluru in respect of Lakes and Rajakaluves, the committee after detailed discussion, decided to implement the NGT order for BMRDA limit and for around the tank, 75m buffer is to be left on both U/s & D/s of the bund as well.

EIA Presentations:

164.1 Expansion of Sugar Industries from 2500 TCD to 15000 TCD at Sy.No. 349/3, 370, 350/3, and 385/2, Kambagi Village, Bijapur Taluk, Bijapur District-586125 of Sri.G.N.Joshi, M/s Someshwar Sugars Ltd., C-32, C-48, KSSIDC Industrial Estate, Angol, Belgaum - 590008.(SEIAA 5 IND 2015)

This is a proposal seeking Environment Clearance for Expansion of Sugar Industries from 2500 TCD to 15000 TCD at Sy.No. 349/3, 370, 350/3, and 385/2, Kambagi Village,

Bijapur Taluk, Bijapur District-586125 by M/s Someshwar Sugars Ltd., C-32, C-48, KSSIDC Industrial Estate, Angol, Belgaum -590008.

The Proponent and Environment Consultant attended the 129th meeting of SEAC held on 9th, 10th and 11th February 2015 to provide clarification/additional information.

The Committee after discussion decided to appraise the proposal as B1 and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines after duly incorporating outcome of the public consultation.

The Committee after discussion decided to appraise the proposal as B1 and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines.

The committee also suggested to assess cumulative impact of the other industries in the vicinity considering the distance factor.

Accordingly the ToRs was issued on 03.03.2015

The Proponent has submitted the EIA report vide letter dated 05.04.2016.

The Proponent and Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, EIA report and clarification/additional information provided during the meeting. During the discussion, the committee asked the proponent about the quantum of water allotted to the industry and proponent informed that, the file was with Irrigation secretary for allotment of water and the total water requires is 0.516 TMC. The committee suggested going for strip plantation all along the boundary instead of bulk plantation and accordingly the site plan is to be revised. Also the committee asked the proponent to explore the possibility of providing solar park in an area of 5 hectares.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental clearance after the submission of revised layout plan as explained above along with the type of technology adapted to minimise pollution with full details.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Deferred Subjects:

164.2 Proposed New Active Pharmaceutical Ingredients (API's) and Non API Manufacturing Unit at Sy. No's 5/7 (P), 58A/(P), 5/8B, 5/8C(P), 5/10(P), 6/1(P), 6/3(P), 7/1(P), 7/2, 7/3(P), 81C(P), 10/1, 10/2, 10/3, 10/4A(P), 10/5, 10/6, 10/7(P), 10/8, 10/9, 10/10A(P), 10/11(P), 10/12(P), 10/13(P), 11/1(P), 11/2(P), 11/3, 11/4, 11/5, 11/6, 11/9, 11/10, 12/5(P), 12/6(P), 12/11(P), 12/12(P), 13/1, 13/2(P), 13/3, 13/4, 13/5, 13/6, 14/4(P), 14/5(P), 14/6(P), 14/7(P), 14/8, 14/9, 15/2D(P), 15/2E, 17/8(P), 17/3(P), 17/22(P), 17/23(P), 17/25(P), 98/1(P), 98/2(P), 99/1(P), 99/2(P), 100(P) of Kalavar Village, Mangalore Taluk, Dakshina Kannada District of M/s Syngene International Private Limited, Biocon Park,Plot no-2&3,Bommasandra,IV Jgani Link road, Bangalore. (SEIAA 27 IND 2015)

M/s. Syngene Internation Private Limited, have applied for Environmental clearance from SEIAA for proposed New Active Pharmaceutical Ingredients (API's) and Non API Manufacturing Unit at Sy. No's 5/7 (P), 58A/(P), 5/8B, 5/8C(P), 5/10(P), 6/1(P), 6/3(P),

7/1(P), 7/2, 7/3(P), 81C(P), 10/1, 10/2, 10/3, 10/4A(P), 10/5, 10/6, 10/7(P), 10/8, 10/9, 10/10A(P), 10/11(P), 10/12(P), 10/13(P), 11/1(P), 11/2(P), 11/3, 11/4, 11/5, 11/6, 11/9, 11/10, 12/5(P), 12/6(P), 12/11(P), 12/12(P), 13/1, 13/2(P), 13/3, 13/4, 13/5, 13/6, 14/4(P), 14/5(P), 14/6(P), 14/7(P), 14/8, 14/9, 15/2D(P), 15/2E, 17/8(P), 17/3(P), 17/22(P), 17/23(P), 17/25(P), 98/1(P), 98/2(P), 99/1(P), 99/2(P), 100(P) of Kalavar Village, Mangalore Taluk, Dakshina Kannada District under category B.

The Proponent and Environment Consultant attended the 150th meeting of SEAC held on 7th, 8th and 9th October 2015 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, EIA report and clarification/additional information provided during the meeting. Since the project falls in the category B1, the committee decided to appraise the proposal under B1 category. The proponent informed the committee that, earlier, the area under SEZ is earmarked for petro chemical industry & now changed to multi product industry including pharmaceuticals.

The Committee after discussion had decided to issue following additional TOR's along with Standard TOR's.

1. Detailed product name.
2. Letter from MOEF regarding change in land use pattern.
3. Revised land use plan increasing the green belt area from 4.63% to 33%
4. Evaluate the ETP available w.r.t. the discharge.

Accordingly the ToR was issued on 28.10.2015.

The proponent has submitted the EIA report vide letter dated 01.03.2016.

The Proponent and Environment Consultant attended the 163rd meeting of SEAC held on 15th and 16th April 2016 to provide clarification/additional information.

Most of the committee members have not received the material. The committee opined that since it is an EIA project, without the material it cannot be appraise the proposal.

The committee therefore had decided to defer the proposal to next meeting.

The Proponent and Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, EIA report and clarification/additional information provided during the meeting. During the discussion, the committee asked clarification from the proponent regarding provision of green belt in SEZ area, and the proponent informed that, as per the SEZ regulation, considering SEZ area as a whole, 33% of the total SEZ area is to be left for green belt, and the proponent has been asked to produce the same. The proponent informed the committee that, for all the process, there is a stand by unit and there will be no permutation process and only chemical process will be there. The committee

asked the proponent to submit detail names of the raw material instead of coded name since without correct name it is not possible to evaluate properly. The proponent has to clarify regarding not using pyrofloric chemicals as raw materials and it has been suggested to use palladium carbon in place of pyrofloric chemicals if it is being used. The mass balance is wrong and it should be reworked. Risk analysis is not done for process and it is done for solvents only, which is not correct. Rainfall data is not collected while doing hydrological study. Also, in weather input, it was mentioned that during day time the wind is blowing from West to East, whereas, during night, from East to West, which needs to be clarified.

The committee after discussion decided to visit the site on 21st of May 2016 to ascertain the ground reality and recall the proponent after the submission of the following information.

1. Baseline data with respect to citing guide lines to be included in EIA report.
2. Mass balance to be rewritten.
3. Revised risk assessment studies.
4. Reassess, considering the critical processes which are highly hazardous.
5. Storing of solvents in mounded storage tanks.
6. Realignment of site in case, if there is any highly hazardous process is involved, which will affect the nearby habitat (Kalavar village).
7. Revised soil analysis report and SEZ regulations regarding green belt area.

Action: Secretary, SEAC to put up the proposal before SEAC after site visit and receipt of the above information.

164.3 Proposed Residential & Commercial Building at Sy.No.119/1, 119/2D, 119/3D, 119/4B, 119/5B, 119/6B, 120/1, 120/2, 120/3B, 120/4B, 120/5B, 120/6B, 123/1, 123/2, 123/3, 125/5 and 126 of Pantharapalya Village, Kengeri Hobli, Bangalore South Taluk, Bangalore Urbna District of Sri. P.K. Mishra, Vice President, M/s. Salarpuria Properties Pvt. Ltd., #3, 4th floor, Salarpuria Windsor, Ulsoor Road, Bangalore-560 042. (SEIAA 21 CON 2015)

This is a proposal submitted by M/s. Salarpuria Properties Pvt. Ltd., seeking Environmental Clearance for Construction of Residential and Commercial Building Project on a plot area of 44009.22 Sq.mts at Sy.No's 119/1, 119/2D, 119/3D, 119/4B, 119/5B, 119/6B, 120/1, 120/2, 120/3B, 120/4B, 120/5B, 120/6B, 123/1, 123/2, 123/3, 125/5 and 126 of Pantharapalya Village, Kengeri Hobli, Bangalore South Taluk, Bangalore Urban District. The total built up area of 17,8200 Sq.mts.

Total water requirement of for Residential & Club House is 580 KLD. 464 KLD of waste water expected is proposed to be treated in a STP of 475 KLD capacity. For Commercial Building the total water requirement is 200 KLD 160 KLD of waste water expected is proposed to be treated in a STP of capacity 160 KLD .

Municipal Solid waste of 2637 Kgs/day (Includes 1747 Kgs/day Residential + 890 Kgs/day Commercial) is proposed to be handled Insitu

Parking facility for 405 Nos.vehicle is proposed to be provided.

Total energy requirement for Residential Building and Club House is 6364 KVA and for Commercial Building is 1721 KVA proposed to be obtained from BESCO. It is proposed to establish 750 KVA x 2 Nos and 2 x 500 KVA of DG Sets for Residential Building and Club House and 750 KVA x 3 Nos for Commercial Building to meet the energy requirement in case of non-supplies.

Total Estimated excavated earth is 52995 Cum. Filling done to fill up low lying areas at site is about 25200 Cum.

It is proposed to develop a Greenbelt of 22.8%.

The Proponent and Environment Consultant attended the 133rd meeting of SEAC held on 19th and 20th March 2015 to provide clarification/additional information.

The committee screened the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 as the built up area is more than 1,50,000 Sqm and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional ToR.

1. Quantification of the terrace area available for harnessing solar energy and an appropriate plan thereof with due calculations.
2. Scheme for providing dual fuel generators for backup power with provision for CNG.
3. Scheme for utilisation of entire Rain Water harvested in the project site (both from the roof top and from the surface runoff) within the Project premises only.
4. Details of excavated earth and plan of safe and scientific disposal of excess excavated earth with details of the disposal site
5. Hydrological study of the area influencing the surface water flow.
6. Explore the possibility to increase greenery in the ground itself
7. Explore the possibility of increasing the use of treated water in order to reduce the fresh water demand
8. Scheme of treating sewage and sullage separately and use of treated water within the project site
9. Due diligence report

Accordingly the ToR was issued on 31.03.2015.

The project proponent has submitted the EIA report vide letter dated 08.09.2015.

The proponent was invited for the 152nd meeting of SEAC held on 2nd and 3rd November 2015 to provide required clarification. The proponent remained absent with intimation.

The Committee had decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent and Environmental Consultant attended the 154th meeting of SEAC held on 24th, 25th and 26th November 2015 to provide clarification/additional information.

Some of the committee members have expressed that they have not received the materials. Since it is an EIA project without the materials, it is not possible to appraise the proposal.

The committee after discussion decided to defer the proposal providing one more opportunity to the proponent in the subsequent meeting.

The proponent and the Environmental Consultant are invited for the 156th meeting of SEAC held on 28th, 29th and 30th December 2015 to provide required clarification/information. But they remained absent.

The committee observed that, the proponent remained absent for the third time after submitting the EIA report. Since it is an EIA project, the committee felt that, it cannot be appraised in the absence of the proponent & consultant.

The committee after discussion had decided to recommend the proposal for closure.

The Authority perused the proposal during the 112th SEIAA meeting held on 28th January 2016 and took note of the recommendation of SEAC. The Authority opined that since it is a project wherein EIA report has been submitted, one more opportunity need to be provided with prior intimation as required under the notification. The proposal need to be appraised based on the information available in Form 1, 1A, Conceptual plan and EIA report.

The Authority therefore decided to refer the file back to SEAC to provide one more opportunity to the proponent for the presentation and to appraise the proposal following the due procedure of law.

The committee took note of the decision of the Authority and decided to invite the proponent for appraisal.

The proponent and EIA Consultant are invited for the 161st meeting of SEAC held on 28th and 29th March 2016 to provide required clarification/information. But the proponent remained absent.

The proponent submitted the letter dated 26.03.2016 requesting to consider their proposal in the next SEAC meeting as their MoEF Consultant Mr. M. Kori & Mr. Hemanth is not able to present the proposal.

The committee had decided to defer the proposal as requested by the proponent providing final opportunity with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent and EIA coordinator from M/s. Ramky attended the meeting of SEAC to provide required information/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, EIA report and clarification/additional information provided during the meeting. The committee observed that a nala is passing near the project site and the proponent stated that as per the NGT order for original application 222 of 2014, they have left 50 m from the nala.

The committee after discussion decided to recommend the proposal to SEIAA for issue of EC subject to submission of the following information:

1. Revised water balance chart considering zero discharge
2. Quantification of the terrace area available for harnessing the solar energy
3. Baseline data for 12 parameters to be analysed and submitted
4. Front area covered by glass in commercial building.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.4 Proposed Residential Apartment project at Sy. No. 139, 140 and 141 Munnekolaru village, Varthur Hobli, Bangalore East Taluk, Bangalore of M/s. Akshaya Builders Promoters (SEIAA 214 CON 2015)

Name of Applicant: - M/s. Akshaya Builders Promoters

M/s. Akshaya Builders Promoters has applied for Environmental clearance from SEIAA for their Residential Apartment Project at Sy.No. 139, 140 and 141 Munnekolaru village, Varthur Hobli, Bangalore East Taluk, Bangalore under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost = Rs. 40 Cr.

1. **Land details:** - Total Plot area is 10,126.35 Sqm
2. The proposed residential buildings consists of 170 units and the configuration of the building is B+G+4UF in a total built up area of 28,657.68 Sqm. Ht of the building is 14.95 m, Right of way is 18 m.
3. **Land use details:**

Total plot area	-10,126.35 Sqm
Green belt area	-3,341.6 Sqm (33%)
Driveway or paved area	-2,282.6 Sqm (22.54%)
Ground coverage	-4,502.09 Sqm (44.46%)

Permissible FAR is 2.24 and proposed is 2.25.
4. **Water Requirement:** Total water requirement is 135 KLD calculated 150 LPCD (95 KLD fresh water + 40 KLD Recycled water). The source of water is from BWSSB. NOC from BWSSB not submitted.
5. **Wastewater Management:** - The total quantity of waste water generated is 130 KLD (considering 95% waste generation) and treated is proposed STP of design capacity of 135 KLD with SBR technology.

6. **Excavated Earth Management:** - The total Earth work generated is about 22,000 Cum. which will be utilized within the project site for landscaping of gardens and road making.
7. **Solid Waste Management:** Total waste generated in the project is 383 Kgs/day; where 230 kgs/day is the organic waste and 153 kgs/day is inorganic waste, will be disposed to Vendors/ Recyclers. Sludge generated is 5 Kg/day.
8. **Energy Requirement:** Total power requirement of 1700 KVA is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 2X220 KVA.
9. **Traffic Details:** Not submitted. Parking required is 198 and provided is 198.
10. **Environment sensitivity:** EMP submitted.
11. **Other details:** 16 Nos of recharge pits have been provided to recharge the ground water within the site.
12. **Environmental sensitive area:** Munekolala lake is 100 m from the project site.

The proponent was invited for the 160th meeting of SEAC held on 1st, 2nd and 3rd March 2016 to provide required clarification. The proponent remained absent.

The Committee had decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent and EIA Coordinator was invited for the 161st meeting of SEAC held on 28th and 29th March 2016 to provide required clarification. The proponent remained absent.

The Committee had decided to provide final opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent was invited for the meeting of SEAC to provide required clarification. The proponent remained absent.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan in the absence of the proponent. The committee noticed that, for the third time the proponent is remained absent. The committee observed the following points.

1. NOC from BWSSB not submitted.
2. Detailed earthwork generation supported by calculation and its use and disposal not submitted
3. Clarification regarding the project area is not falling under eco sensitive area from BDA is not given
4. Hydrology study of the area influencing the surface water flow considering the micro water shed network is not done.
5. Quantification of the terrace area available for harnessing solar energy and an appropriate plan thereof with due calculations.
6. Details of nala passing by (namely primary, secondary or tertiary) is not mentioned.

The committee after discussion decided to recommend the proposal to SEIAA for closure since, the proponent remained absent and it is not possible to appraise the proposal in the absence of the above information.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.5 Residential Apartment Project at Sy.No.186/4 of Kaggadasapura Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru Urban District of Smt. H Shailaja (SEIAA 3 CON 2016)

Name of Applicant: - Smt. H Shailaja

Smt. H Shailaja has applied for Environmental clearance from SEIAA for their Residential Apartment Project at Sy.No.186/4 of Kaggadasapura Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost = Rs. 40 Cr.

1. **Land details:** - Total Plot area is 7,836.48 Sqm
2. The proposed residential apartment comprising 2 blocks: Block A having B+G+4 UF+TF+Club house and Block 2 having G+4 UF+TF. Total no of units is 175. BUA is 27,647.33 Sqm. Ht of the building is 14.75 m, Right of way is 9 m.
3. **Land use details:**

Total plot area	-7,836.48 Sqm
Land scape	-2,612.58 Sqm (46.88%)
Roads and open space area	-870.00 Sqm (12.86%)
Ground coverage	-4,353.90 Sqm (40.26%)

Permissible FAR is 2.50 and proposed is 2.48.
4. **Water Requirement:** Total water requirement is 122.09 KLD.(82.7 KLD fresh water + 39.38 KLD Recycled water) The source of water is from BWSSB. NOC from BWSSB not submitted
5. **Wastewater Management:** - The total quantity of waste water generated is 103.77 KLD (considering 85% waste generation) and treated is proposed in STP of design capacity of 115 KLD with SBR technology.
6. **Excavated Earth Management:** - The total Earth work generated = 13,061.70 Cum. which will be used for back filling between the retaining wall, underground sumps/tanks, foundations and landscaping.
7. **Solid Waste Management:** Total waste generated in the project is 350 Kgs/day; where 210 kgs/day is the organic waste and 140 kgs/day is inorganic waste, will be disposed to Vendors/ Recyclers.
8. **Energy Requirement:** Total power requirement of 787 KVA is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 2X500 KVA transformers and backup power of 1x450 KVA.
9. **Traffic Details:** not submitted. Parking provided is 198.
10. **Environment sensitivity:** EMP submitted.
11. **Other details:** 3 Nos of recharge pits have been provided

12. Environmental sensitive area:

- a. Kaggadaspura Lake - 0.5 km (W direction)
- b. Doddanekundi lake - 0.85 km (E direction)
- c. L B Sastry Nagar lake - 1.3 km (S direction)

The proponent was invited for the 160th meeting of SEAC held on 1st, 2nd and 3rd March 2016 to provide required clarification. The proponent remained absent.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, in the absence of the proponent. The committee observed the following points.

1. NOC from BWSSB not submitted.
2. Detailed earthwork generation supported by calculation and its use and disposal not submitted.
3. Clarification regarding the project area is not falling under eco sensitive area from BDA
4. Hydrology study of the area influencing the surface water flow considering the micro water shed network.
5. Solar energy harvesting along its use not provided
6. Rain water harvesting and its use not provided.
7. Sewage treatment scheme and its complete use in the premises not provided

The committee after discussion had decided to give one more opportunity to the proponent after the submission of the above information, & the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent and EIA Coordinator was invited for the 161st meeting of SEAC held on 28th and 29th March 2016 to provide required clarification. The proponent remained absent.

The Committee had decided to provide final opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent and EIA Coordinator was invited for the meeting of SEAC to provide required clarification.

The committee appraised the proposal considering the statutory application Form – I, Form IA, Conceptual plan and additional information provided during the meeting. The committee observed that, only 10% green belt area is provided on earth and also, not submitted the information sought in the earlier meeting.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of the following information.

1. Scheme for compensating balance 23% green belt area.
2. Village survey map.
3. Information sought in the earlier meeting.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.6 Limestone Mining Project, Sy.Nos.115/1, 116/1 &130/3 of Lakapur Village, Mudhol Taluk, Bagalkot Dist. (4.92 Ha) of Sri Venkappa R.B. Patil Jalikatti B.K. Lokapur Post, Mudhol Taluk, Bagalkot District - 587 122 (SEIAA 484 MIN 2015)

This is a Renewal and production Expansion proposal submitted by Sri Venkappa R.B. Patil, seeking Environmental clearance for quarrying of Limestone in an area of 4.92 Ha at Sy.Nos.115/1, 116/1 &130/3 of Lokapur Village, Mudhol Taluk, Bagalkot District. It is a Patta Land.

It is stated that the project do not attract General conditions of EIA Notification of 2006.

The Quarry plan has been prepared by RQP Dr.S.K.Myageri approved by Indian Bureau of Mines. Capacity of mining is Avg. 1,00,000 TPA.

The Proponent and the RQP/Environment Consultant attended the 143rd meeting of SEAC held on 24th to 29th July 2015 to give clarification/additional information.

The Committee noted that many proposals have been cleared in this area and if the proposed area is likely to result in to a cluster situation with a total lease area of 25 Ha or more as defined in the O.M dated 24.12.2013 issued by the Ministry of Environment and Forest, Government of India then the proposal has to be appraised category B1. The committee therefore directed the proponent to get the details of all the leases of Lakapur village with the extent of lease area, lease Nos., latitude & longitude and distance between the boundaries (OUTER) of each lease area and be marked on combined sketch plotted on a village map which shall be attested by a competent authority.

The committee observed that the proponent have not submitted the NA. The proponent stated that they have not applied for NA. Therefore the committee directed the proponent to get the NA.

The committee after discussion had decided to recall the proponent after submission of the above information.

The proponent have submitted the reply vide letter dated 09.11.2015.

The proponent was invited for the 153rd meeting of SEAC held on 17th and 18th November 2016 to provide required clarification. The proponent remained absent.

The committee observed that the proponent have not submitted the combined sketch sought by the committee.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, approved mining plan.

The committee opined that the appraisal cannot be completed for want of the above information and since the proponent also remained absent to provide the required clarification.

The committee therefore had decided to recommend the proposal to SEIAA for closure.

The Authority during the meeting held on 17th December 2015 had perused the proposal and took note of the recommendation of SEAC. The Authority had decided to close the file and delist from the pendency.

Subsequently, it was noticed that by oversight representation dated 4.12.2015 submitted by the proponent requesting not to close the file could not be placed before the Authority. The proponent have stated that the delay is due to non-receipt of combined sketch from the Department Mines and Geology.

The subject was therefore placed before the Authority for consideration. The Authority perused the reply submitted by the proponent vide letter dated 4.12.2015.

The Authority after discussion decided to refer the file back to SEAC for appraisal following the due procedure of law.

The committee took note of the decision of the Authority and also reviewed the reply submitted by the proponent vide letter dated 28.03.2016 during the 161st meeting of SEAC held on 28th and 29th March 2016.

The committee noted that as per the Gazette Notification No. S.O. 423 (E) dated 10.02.2015, The central Government declares the list of minerals as minor minerals. The lime stone does not come under minor minerals. The committee therefore had decided to appraise the proposal as B1 category and also decided to invite the proponent to receive the standard ToRs and additional site specific ToRs if any.

The Proponent attended the meeting of SEAC to present the ToRs.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report, and proposed ToRs and clarification/additional information provided during the meeting.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Standard ToRs along with the following additional ToR's.

1. Compliance to KSPCB CFE conditions.
2. Dust mitigation measures adopted.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.7 Residential Apartment Project at Sy.Nos.72/1, 72/2 and 74/3 of Panathur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District of Mr. P.R.Pillappa and Others (Mr.Mallikarjuna) C/o. SSVR Builders and Developers, B-401, Keerthana Kings Place Apartment, Lakshmi Narayanaswamy Temple Road, Munnekolalu, Marathahalli, Bangalore. (SEIAA 30 CON 2016)

Name of Applicant: - Mr. P.R.Pillappa and Others (Mr.Mallikarjuna)

Mr. P.R.Pillappa and Others (Mr.Mallikarjuna) has applied for Environmental clearance from SEIAA for their Residential Apartment Project at Sy.Nos.72/1, 72/2 and 74/3 of Panathur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District

under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost = Rs. 40 Cr.

Land details: - Total Plot area is 8194.49 Sqm

1. The proposed residential buildings consists of 152 units and the configuration of the building is B+GF+3UF in a total built up area of 23,352.31 Sqm. Ht of the building is 14.95 m, Right of way is 9.50 m.

2. Land use details:

Total plot area	- 8194.49 Sqm
Super built up area	-23,352.31 Sqm
Green belt area	-2,704.18 Sqm (33%)
Paved area (drive way)	-1,380.58 Sqm (16.85%)
Ground coverage	-4,109.37 Sqm (50.15%)
FAR permissible is 1.75 and achieved is 1.74.	

3. **Water Requirement:** Total water requirement is 103 KLD.(68 fresh water + 35 KLD Recycled water) The source of water is BWSSB. NOC from BWSSB not submitted.

4. **Wastewater Management:** - The total quantity of waste water generated is 93 KLD (considering 90% waste water generation) and treated in STP design capacity of 100 KLD with SBR technology.

5. **Excavated Earth Management:** - The total Earth work generated = 24,000 Cum. Which will be used for landscaping and road making within the project site.

6. **Solid Waste Management:** Total waste generated in the project is 342 Kgs/day; where 205 kgs/day is the organic waste which will be collected and treated in organic convertor and 137 kgs/day is inorganic waste, will be disposed to Vendors/ Recyclers.

7. **Energy Requirement:** Total power requirement of 100 KW is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 2 x 220 KVA.

8. **Traffic Details:** Not submitted. Parking required is 168 and provided is 168

9. **Environment sensitivity:** EMP submitted.

10. **Other details:** 10 No of recharge pits proposed for rain water.

11. Eco sensitive details: Bellandur Lake – 4 Km (W)

Varthur Lake - 2.5 Km (E)

Kodi of a distance 100 Mts of project site

The proponent was invited for the 163rd meeting of SEAC held on 15th and 16th April 2016 to provide required clarification. The proponent remained absent.

The Committee decided to defer the subject providing one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent was invited to provide required clarification. The proponent remained absent.

The Committee decided to defer the subject providing final opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

164.8 "Bagmane Constellation Business Park - LYNX" Project at Sy.No.59/1 of Doddanekundi Village, K.R.Puram Hobli, Bangalore East Taluk, Bangalore Urban District of M/s. Bagmane Developers Pvt. Ltd., Lake View 'A' Block, 8th Floor, Bagmane Tech Park, C.V. Raman Nagar, Bangalore - 560093. (SEIAA 33 CON 2016)

Name of Applicant: - M/s. Bagmane Developers Pvt. Ltd.,

M/s. Bagmane Developers Pvt. Ltd., has applied for Environmental clearance from SEIAA for their 163.17 "Bagmane Constellation Business Park - LYNX" Project at Sy.No.59/1 of Doddanekundi Village, K.R.Puram Hobli, Bangalore East Taluk, Bangalore Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Project cost is 203.5 Crores.

Land details: - Total Plot area is 23,067.11 Sqm

1. The proposed construction of office building with a configuration of 3B+G+10 UF in a total built up area of 96,648.74 Sqm. Ht of the building is 44.9 m. Right of way is 18 m

2. Land use details:

Total plot area	- 23,067.11 Sqm
Built up area	-96,648.74 Sqm
Green belt area	-7630 Sqm (33.1%)
Ground coverage	-6,700 Sqm

3. **Water Requirement:** Total water requirement is 340 KLD The source of water is BWSSB. NOC from BWSSB submitted.

4. **Wastewater Management:** - The total quantity of waste water generated is 323 KLD (90% considered as waste water) and treated in STP design capacity of 325 KLD with SBR technology.

5. **Excavated Earth Management:** - The total Earth work generated will be used within the project site for road formation, back filling and landscape development.

6. **Solid Waste Management:** The organic waste which will be collected and treated in organic convertor and inorganic waste will be disposed to Vendors/ Recyclers.

7. **Energy Requirement:** Total power requirement of 5,200 KVA is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 5x1500 KVA.

8. **Traffic Details:** Traffic details not submitted. . Parking required is 1144 and provided is 1145

9. **Environment sensitivity:** EMP submitted.

10. **Other details:** Rain water harvesting is proposed.

The proponent was invited for the 163rd meeting of SEAC held on 15th and 16th April 2016 to provide required clarification. The proponent remained absent.

The Committee decided to defer the subject providing one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification.

The committee appraised the proposal considering the statutory application Form – I, Form IA, Conceptual plan and additional information provided during the meeting. The committee observed that, in water analysis, the source of water is tap water as informed by the proponent. And quantification of e-waste generated & its disposal is not given.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of the following information.

1. Village survey map and copy of RTC.
2. Water quality analysis for existing source of water
3. Quantity of e-waste generated & its disposal.
4. water requirement for HVAC make up and include the same in water balance.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.9 Residential Apartment Project at Sy.No.126 of Indlabele Village, Attibele Hobli, Anekal Taluk, Bengaluru Urban District of M/s. GRC Infra Pvt. Ltd., No.161/A, 7th Cross, Teachers Colony, 1st Stage, Kumaraswamy Layout, Bengaluru - 560078. (SEIAA 35 CON 2016)

Name of Applicant: - M/s. GRC Infra Pvt. Ltd.,

M/s. GRC Infra Pvt. Ltd., has applied for Environmental clearance from SEIAA for their Residential Apartment Project at Sy.No.126 of Indlabele Village, Attibele Hobli, Anekal Taluk, Bengaluru Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost = Rs. 46.5 Cr.

Land details: - Total Plot area is 15543.25 Sqm

1. The total built up area of the project is 46,261.46 Sqm, comprising of 320 Nos of units in block A & B and a club house, which are sprawled across B+G+4UF, G+2UF respectively with a maximum ht of 14.95 m.

2. Land use details:

Total plot area	- 15543.25 Sqm
Built up area	-46,261.46 Sqm
Green belt area	-5374.57 Sqm (37.98%)
Paved area (drive way)	-1945.74 Sqm (13.75%)
Service Area	-89.32 Sqm (0.63%)
Ground coverage	-6742.49 Sqm (47.64%)

Permissible FAR is 2.5 and achieved is 2.25.

3. **Water Requirement:** Total water requirement is 222 KLD.(91 fresh water + 131 KLD Recycled water) The source of water is Bidaraguppe Gram Panchayath.

4. **Wastewater Management:** - The total quantity of waste water generated is 211 KLD (considering 95% waste water generation) and treated in STP design capacity of 220 KLD with SBR technology.
5. **Excavated Earth Management:** - The total Earth work generated = 20,227.47 Cum. Which will be used for back filling, for landscaping, driveway formation and for site formation.
6. **Solid Waste Management:** Total waste generated in the project is 824 Kg/day; where 494 Kg/day is the organic waste which will be collected and treated in organic convertor and 330 Kg/day is inorganic waste, will be disposed to Vendors/ Recyclers.
7. **Energy Requirement:** Total power requirement of 1569 KW is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 2x380 KVA. Energy savings from the project is 33.5%.
8. **Traffic Details:** submitted. Parking required is 366 and provided is 371
9. **Environment sensitivity:** EMP submitted.
10. **Other details:** 30 No of recharge pits provided for rain water harvesting.
11. **Eco sensitive details:** Karnataka-Tamil Nadu interstate boundary is 1 km from the project site.

The proponent was invited for the 163rd meeting of SEAC held on 15th and 16th April 2016 to provide required clarification. The proponent remained absent.

The Committee decided to defer the subject providing one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent was invited to provide required clarification. The proponent remained absent.

The Committee decided to defer the subject providing final opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

164.10 Residential Apartment project at Sy no. 195/1 and 195/2 Mahadevapura Village, K.R. Puram Hobli, Bangalore East Taluk Bangalore of M/s. Candeur Constructions, No. 126, 3 rd Floor, H.M. Road, St. Thomas Town Post, Kacharkanahalli, Bangalore- 560084. (SEIAA 36 CON 2016)

Name of Applicant: - M/s. Candeur Constructions,

M/s. Candeur Constructions, has applied for Environmental clearance from SEIAA for their Residential Apartment Project at Sy no. 195/1 and 195/2 Mahadevapura Village, K.R. Puram Hobli, Bangalore East Taluk Bangalore under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost = Rs. 46.72 Cr.

Land details: - Total Plot area is 11565.43 Sqm

1. The total built up area of the project is 46,722.20 Sqm, comprising of 401 Nos of units with a configuration of LB+UB+GF+18UF. a maximum ht of 59.9 m.
2. **Land use details:**

Total plot area	- 11565.43 Sqm
Built up area	-46,722.20 Sqm
Green belt area	-6063.3 Sqm (52.45%)
Paved area (drive way)	-2806.7 Sqm (24.26%)
Ground coverage	-2632.40 Sqm (22.76%)

FAR achieved is 4.04.
3. **Water Requirement:** Total water requirement is 270 KLD.(151 fresh water + 119 KLD Recycled water) The source of water is BWSSB. NOC from BWSSB not submitted.
4. **Wastewater Management:** - The total quantity of waste water generated is 243 KLD (considering 90% waste water generation) and treated in STP design capacity of 250 KLD with SBR technology.
5. **Excavated Earth Management:** - The total Earth work generated = 13,434.8 Cum. Which will be used for back filling, for landscaping, driveway formation and for site formation.
6. **Solid Waste Management:** organic waste generated in the project will be collected and treated in organic convertor and inorganic waste will be disposed to Vendors/ Recyclers.
7. **Energy Requirement:** the power is sourced from BESCO; Backup power proposed is DG sets with a capacity of 2x250 KVA.
8. **Environment sensitivity:** EMP submitted.
9. **Other details:** rain water harvesting proposed.

The proponent was invited for the 163rd meeting of SEAC held on 15th and 16th April 2016 to provide required clarification. The proponent remained absent.

The Committee decided to defer the subject providing one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent and Environmental consultant attended the meeting of SEAC to provide required clarification.

The committee appraised the proposal considering the statutory application Form – I, Form IA, Conceptual plan and additional information provided during the meeting. The committee observed that, there is a discrepancy in water balance chart and STP flow sheet needs revision. Also there are two lakes nearby and the proponent informed that, they are at a distance of 404 M and 204 m from the nearest site boundary.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of the following information.

1. Village survey map and copy of RTC.

2. Revised water balance chart and STP flow sheet

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Recalled Subject:**164.11 Expansion of Membrane Cell Caustic soda plant (Brown Field Chlor-Alkali Plant) from 59400 MTPA to 100000 MTPA at Binaga, Karwar Taluk, Uttara Kannada District of M/s. Aditya Birla Chemicals (India) Limited, Uttara Kannada District (SEIAA 10 IND 2015)**

It is a proposal for Expansion of Chlor-Alkali plant (Caustic soda plant) from the existing capacity of 59,400 MT/annum to 1,00,00 MT/annum at Binaga, Karwar Taluk, Uttara Kannada District by M/s. Aditya Birla Chemicals (India) Limited, Uttara Kannada District

The proponent was invited in the 133rd SEAC meeting held on 19th and 20th March 2015 to provide required clarification. The proponent remained absent.

The Committee had decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The Proponent and Environment Consultant attended the 134th meeting of SEAC held on 30th and 31st March 2015 to provide clarification/additional information.

The committee screened the proposal considering the information provided in the statutory application-Form I, pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional ToR.

1. Compliance on the earlier CFO conditions
2. Environmental implications by changing the technology
3. Residuals of mercury in the environment if any after changing the technology
4. Cumulative impacts of all the process in the industry
5. Disposal scheme of bi products and wastes
6. Performance and adequacy of the treatment plants available in the industry
7. Water, energy and steam balance
8. Disaster Management/Mitigation plan in respect of Storage and Handling of Chlorine considering the worst case scenario of rupturing of a 300 MT Chlorine vessel and also rupturing of liquid side valve of a Chlorine tonner of 900 kg.
9. Disaster Management / Mitigation plan for Generation, Usage ,Storage, and Handling of Hydrogen gas.
10. Impact on the water quality and aquatic life both terrestrial and marine environment
11. Impact of the proposed activity on the residents of nearby villages

The committee after discussion decided to visit the project site on 27th, 28th and 29th of April 2015 with due intimation to the project proponents to know the environmental implications.

Accordingly the following subcommittee members of SEAC visited the site on 27th April 2015 and submitted the site inspection report.

The committee perused the site inspection report submitted by the sub-committee. The inspection report is reproduced below:

Members visiting:

1. Sri N. Naganna, Chairman
2. Sri H. Srinivasaiah, Member
3. Dr. B. Manoj Kumar, Member
4. Dr. B. S. Jai Prakash, Member
5. Dr. M.I. Hussain, Member
6. Sri B. Chikkappaiah, Member
7. Dr. N. Krishnamurthy, Member
8. Dr. K.C. Jayaramu, Member

Sri S. Sudheendra Special Officer, Secretariat, DFEE, GOK accompanied the Committee. Mr. V. R. Agrawal, President and Unit Head represented the company along with other senior officials. Consultant firm was represented by Mr. Mahadevaswamy.

Preamble: Industry is proposing an expansion of manufacture of caustic soda from 59400 MTPA to 100000 MTPA at their Membrane Cell Caustic Soda Plant. This was appraised at the 134th SEAC meeting wherein it was decided to inspect the industry located near Binaga at Karwar to enable the committee to communicate the site specific TOR's.

Observations:

Inspection committee visited the industry on 27th April 2015. The committee inspected the industry site, brine purification plant, membrane cell process plant, hydrogen and chlorine storage and filling site, HCl reaction chamber, Hazardous waste storage site, landfill area, ETP and STP.

The committee observed the dismantling of the structure, which existed till 2004 when the mercury plant was running was still on. The old dismantled pipelines were lying around along with the debris strewn around at the old Hg cell plant.

After having held extensive discussions with the industry personnel present during the course of visit, thorough inspection of the areas noted above, on having sought various relevant clarifications and the observations made, the following site specific TOR's can be communicated to the PP.

Site specific TORs

1. Check for mercury in the soil at the old mercury cell plant site including columns and old pipes in use and exposed debris before they are removed from site. These need to be thoroughly analyzed for mercury content and propose remediation measures (if there is contamination).
2. Conduct Life Cycle Assessment studies for products manufactured and dismantled materials since dismantling work is going on in the premises.
3. Analyze and report the sludge composition with regard to heavy metals after brine purification and its disposal.
4. Submit methods employed to ascertain the absence of nitrogen compounds in the feed water and safeguard against the formation of explosive NCl_3 in the process downstream as well as during cooling and drying of chlorine gas.
5. Report control measure to contain the accidental release of chlorine gas and sensors in the membrane cell process plant, also measures employed during compression and transfer of chlorine /hydrogen gas in the form of safety report.
6. Provide an effective and workable scheme of SOP's for replacement of malfunctioning of membrane cells.
7. Frequency of membrane replacement and its disposal
8. Furnish composition of the effluent before and after treatment in ETP
9. Assess composition of water in the monitoring wells at the landfill area particularly with reference to mercury content (evaluated by standard techniques).
10. Provide a scientific scheme to address the inadequacy of chlorine leak detectors presently provided and their scientific location. This scheme shall be for the areas where chlorine emission is likely to take place such as chlorine transfer from one vessel to another; cleaning of Cl_2 tankers/cylinders, storage, filling, dispatch, sniff (un-liquefiable) gas line, lime exhaustion in bleach liquor plant and near Cl_2 compressor and suction devices Etc.;
11. There exists, fairly a large patch of vegetation (almost looks similar to forest) on the southern side of Chlorine Storage, filling and dispatch area, this vegetation dries up during summer and is prone for accidental fire, in such case it may result in catastrophic disaster. There is an urgent need to develop a safety barrier to arrest the heat radiation beyond the desired values and prevent accidental fire to save people, property and environment.
12. Provide on-line work environment monitoring of hydrogen, chlorine and hydrogen chloride gases to ensure they are within the prescribed limits.
13. Disaster management plan need to be updated and rehearsed in its letter and spirit.
14. Develop impact matrix for the proposed plant expansion.
15. In view of almost two-fold expansion, it is required to address the additional requirements of storage of effluent, treatment as well as to assess the quantum of disposal to ocean (Ocean outfall adequacy to handle additional load of effluent).
16. Investigate the ocean water quality near existing disposal site and evaluate by model predictions for knowing the impact on ocean aquatic species. Local aquatic species (near ocean outfall) to be used for Bioassay studies.

17. Carry out air quality monitoring and prediction in the surrounding hillock areas (forests).
18. Furnish additional water requirement for expansion and its source.
19. Analyze and estimate the impact on ground water quality in old phosphate sludge yard.
20. Proper management plan to avoid salt percolation to groundwater at the salt storage and brine purification unit to be drawn. Carry out ground water quality test for sodium chloride content and other parameters. Also ground water table in different seasons and soil characteristics for percolation of salt needs to be assessed for the current monsoon season.
21. NOC received from SEABIRD defence project authorities shall be submitted for office records.

The committee perused the site inspection report submitted by the sub-committee. The committee after discussion had decided to issue site specific ToRs excluding the ToR which are already been communicated to the proponent.

Accordingly the ToR was issued on 10.04.2015.

The project proponent have submitted the EIA report vide letter dated 14.12.2015.

The Proponent and Environment Consultant attended the 157th meeting of SEAC held on 11th, 12th and 13th January 2016 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Prefeasibility report, EIA report and clarification/additional information provided during the meeting. The committee observed the following points.

1. Raw material for production of caustic soda is salt & the additional quantity of salt required is 69020 MT (earlier requirement 1,00,980 MT) whereas production is increased from 59400 MTPA to 1,00,000 MTPA. Though the production is almost doubled, the requirement of salt is increased by 70% only. For this the proponent informed the committee that, they are using better quality salt and thereby reducing the waste.
2. In ground water analysis, (GW 1) is located in the project site is showing elevated values of TDS & other parameters compared to other ground water sampling sites. This has to be investigated/explained for possible point source pollution from the industry.
3. Variations in the ground water table with respect to different months and comparative statement for all the bore wells considered is not submitted.
4. In soil analysis, Nitrogen content is not given
5. In ambient air quality analysis, study of Chlorine is not done, since it is a critical matter.
6. Since the project site is abetting the forest, mitigation measures to prevent damages due to fire is not forth coming in the report.
7. The committee expressed doubt about the presence of mercury in the sludge and also in the soil & underground water, for which the proponent informed

- that, in the peizometric studies conducted there is no trace of mercury and also it is absent in soil.
8. The sea water analysis has been done as per IS:105000 – Drinking water standards which is not correct. Analysis has to be done as per marine water standards.
 9. For site specific ToR's 2 & 3, analysis is to be revised using coal tar method & accordingly revised values to be submitted.
 10. Presence of BOD in ground water is observed which needs to be verified.
 11. Ambient air quality data shows widespread presence of Ammonia which has to be retooled & explained.
 12. Marine Biology studies have either not done or not incorporated in the EIA report. This is a major lapse in view of ocean discharge of treated effluent form the industry. The EIA report does not contain detailed Dispersion Studies at the mouth of the Ocean Outfall. This is essential as the production has increased, consequently resulting in increase of pollution load
 13. As per the Standard EIA Notifications, the EIA studies contain 13 chapters, whereas the report submitted contains only 9 chapters.
 14. The EIA consultant has got a court stay for NABET accreditation and presented the EIA report.

The committee after discussion had decided to recall the proponent after the submission of the following.

1. Revised EIA report considering 12 chapters as per the EIA Notification 2006.
2. Explain the widespread presence of Ammonia in the Air & its impact on the surroundings
3. Investigate/explain the presence of elevated values of TDS & other parameters compared to other ground water sampling sites.
4. Sea water analysis has to be done as per Marine water standards.
5. Comparative statement of baseline data of air, water & noise w.r.t. earlier EC
6. An undertaking with regard to no deviation from the conditions stipulated in CFO.
7. Soil analysis considering Nitrogen & Air analysis considering Chlorine.
8. Revised ground water analysis report, because the presence of BOD.
9. Methodology adapted & protocol maintained in conducting study of presence of mercury in soil.
10. On- site emergency operation module and approval for the same from dept. of boilers.
11. Marine Biology study report. A detailed design and provision of a discharge mechanism is called for. The same has to be provided. Marine biology studies at the ocean disposal site have to be done.
12. In green belt, importance to be given to growing of local species & broad leaved plants, in consultation with local forest authority and mitigation measures taken to protect the forest from fire.
13. Statement of ground water table

The proponent has submitted the reply vide letter dated 18.04.2016.

The proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification.

The committee appraised the proposal considering the statutory application Form – I, Form IA, Conceptual plan and additional information provided during the meeting. The committee observed that, information submitted by the proponent for observation points 5, 8, 9, 11 & 12, are not clear. The proponent has been asked to clarify the same.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of the following information.

1. Comparison of base line data studies of air, water & noise with respect to earlier results submitted at the time of issuing of EC.
2. Revised ground water quality analysis including BOD to establish the quality given earlier and reasons for the same.
3. Regarding presence of mercury in soil, re analysis is to be done
4. Mass balance for waste water
5. In consultation with local forest authority, plantation is to be designed for green belt and details to be submitted.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Reconsideration Subjects:

164.12 Expansion of Bulk drug unit of capacity of 74 MT to 120 MT at Plot No.131/A-1, Kolhar Industrial Area, Bidar- 585403 of Sri. G.V. Rami Reddy, M/s. Suryakala Laboratories Pvt. Ltd., 131A, 130C & D, Kolhar Industrial Area, Bidar- 585403.(SEIAA 9 IND 2015)

It is a proposal seeking Environmental Clearance for the expansion of production of Active pharmaceutical Ingredients (API) and intermediates in the existing unit at 131 A, 130 C and D, Kolhar Industrial Area, Bidar District by M/s Suryakala Laboratories Pvt. Ltd. Area of the project site 7,924.36 Sqm.

The Proponent and Environment Consultant attended the 133rd SEAC meeting held on 19th and 20th March 2015 to provide clarification/additional information.

The committee observed that the proposal is lacking crucial information such as the existing infrastructure, production details, proposed infrastructure etc. The committee also observed that the existing unit is said to have been established in 2001 and have been taken over by the present proponent since it was a sick unit. However, the proponent sought time for providing the information including the statutory clearances obtained from the earlier occupier and the proponent along with compliances on the clearances obtained.

The committee had decided to recall the proponent with all the relevant information in the next meeting. The committee also decided to permit the proponent to collect baseline data

from the month of March 2015 as per the request made by the proponent for preparation of EIA report.

The Proponent and Environment Consultant attended the 134th meeting of SEAC held on 30th and 31st March 2015 to provide clarification/additional information.

The committee screened the proposal considering the information provided in the statutory application-Form I, pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional ToR.

1. Compliance on the earlier CFO conditions
2. Existing capacity, proposed capacity and augmentation facility should be explained in EIA
3. Material and mass balance for all the products
4. Waste generation of the worst case scenario
5. Cumulative impact of air considering the neighbouring activity
6. Quantity of the solvent used, solvent loss and recovery systems added
7. Sulphur dioxide and hydrogen sulphide retrieval system proposed
8. Scheme and design of MEE with adequacy of the system proposed
9. Scheme for recovery of lithium, if lithium salts are used
10. List of banned chemicals using in the process and suggest alternate chemicals in place of banned chemicals
11. Waste generation ratio-raw material to product
12. Solvent storage scheme
13. Safety Data Sheet (SDS) facilities for all the chemicals used
14. HAZOP study

Accordingly the ToR was issued on 10.04.2015.

The proponent submitted the EIA report vide letter dated 22.01.2016

The proponent and Environmental Consultant attended the 160th meeting of SEAC held on 1st, 2nd and 3rd March 2016 to provide required clarification and additional information.

The committee had appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, EIA report and clarification/additional information provided during the meeting. The committee observed the following points.

1. Water analysis report for ground water sample (GW1) may be reverified for its quality.
2. Soak pits & septic tanks for sewage treatment and disposal are provided in laterite soil area which is not advisable. Suitable methods may be proposed.

3. In water balance, the quantity of input water shown is 25 KLD for process, where as the output, is 29 KLD, which has to be explained.
4. Regarding the disposal of hazardous incirable waste, MoU for its processing and disposal with industry be provided.
5. The proponent has agreed to replace replacement for the following solvents, Toluene, DMSO, THF, Methanol, Methylene chloride, Ethanol, Acetone & Chloroform. He has to suggest the alternative solvents and revise the mass balance and reaction scheme, effluent characteristics, waste generated with hazop studies wherever applicable.
6. Solvent storage plan, maximum storage capacity and MCAA to be provided for the alternative solvents. SDS of solvents and chemicals imported (if any) to be provided.
7. A scheme provided for the solvent vopours from the reactions vessels and vapour losses from the fugitive emissions be given.
8. Separate place allocated for hydrogenation reactions and recovery plan for catlaysts like Li was not presented by the proponent. These are to be provided.

The committee after discussion had decided to reconsider the proposal after the submission of the above information.

The proponent has submitted the reply vide letter dated 20.04.2016.

The proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification and additional information.

The committee had appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, EIA report and clarification/additional information provided during the meeting. The committee observed that the impervious layers for storing of hazardous waste are not provided.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions.

1. Hazardous solvents should be stored in mounded storage.
2. All schedule 'A' solvents to be replaced, specifically Benzene & Lithium Aluminum Hydride with Platinum carbon.
3. Impervious layer for storing of hazardous waste.
4. Extra precaution is to be taken for storing of hazardous solvents.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.13 "Surbacon Cedar" Residential Apartment Project at Sy.No.51/5 of Kammasandra Village, Attibele Hobli, Bangalore Urban District of M/s. Surbacon Development Pvt. Ltd., #301, The Hibiscus, No.11, 1st Main Road, 1st Block, Koramangala, Bangalore - 560034. (SEIAA 206 CON 2015)

The project details prepared as per the revised application submitted by the proponent on 19.02.2016.

M/s. Surbacon Development Pvt. Ltd, has applied for Environmental clearance from SEIAA for Development of "Surbacon Cedar" Residential Apartment Project at Sy.No.51/5 of

Kammasandra Village, Attibele Hobli,, Bengaluru Urban District under 8(a) of schedule EIA Notification – 2006 under category B.

1. **Land details:** - Total Plot area is 9108.74 Sq.mts.
2. The proposed residential buildings consists of B + GF + 3 UF + terrace with Total Built up area of 25,886.12 Sq.mts. The total no. of units is 159 and other civic amenities. The site lies in Seismic Zone II.
3. **Land use details:**
Landscape area (proposed): 1147.13 Sq.mts (12.60 %) (on natural earth)
632.00 Sq.mts (6.93%) (on podium)
Ground coverage area = 5151 Sqm (56.55%)
Paved area (Driveway) = 2178.24 Sqm (23.92%)
The permissible FAR is 3.0 and achieved FAR is 2.998.
4. **Water Requirement:** Total water requirement is 119 KLD (73 KLD fresh (@ 90 lpcd) + 46 KLD Recycled). The source of water is Hebbagodi Gram panchayat. NOC from Gram panchayat submitted.
5. **Wastewater Management:** - The total quantity of waste water generated is 105 KLD (considering 90% waste generation) and treated is proposed STP of design capacity of 110 KLD with SBR technology.
6. **Excavated Earth Management:** - The total Earth work generated = 10000 Cum. All the earth generated will be utilised within the project site for landscaping & road making.
7. **Energy Requirement:** Total power requirement of 900 KVA is sourced from BESCO; Backup power proposed is DG sets with a capacity of 1X250 KVA.
8. **Traffic Details:** Parking proposed: 172 Nos.
9. **Environment sensitivity:** EMP submitted. EMP budget not submitted.
10. **Other details:** Rain water harvesting is proposed. There are four lakes nearby.

- a. Kammasandra Lak : 0.12 Km.
- b. Dassy's Garden lake : 0.35 Km.
- c. Hebbagodi lake: 1.00 Km.
- d. Veerasandra lake: 1.80 Km.

The proponent and Environmental consultant was invited for the 158th SEAC meeting held don 27th and 28th January 2016 to provide required clarification and additional information. But they remained absent.

The proponent has submitted the letter requesting for postponement to the next meeting.

The committee accepted the request letter given by the proponent and had decided to provide final opportunity to the proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The proponent and Environmental consultant was invited for the 159th SEAC meeting held on 22nd and 23rd February 2016 to provide required clarification and additional information. But they remained absent with intimation.

The committee accepted the request letter given by the proponent and had decided to provide final opportunity to the proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The revised proposal submitted to authority on 19.02.2016

The proponent and EIA Consultant Organization M/s. Aditya Environmental Services Pvt. Ltd. attended the 161st meeting of SEAC held on 28th and 29th March 2016 to present the proposal and to provide required clarification/additional information.

The committee appraised the proposal considering the statutory application Form – I, Form IA, Conceptual plan and additional information provided during the meeting. The proponent has submitted the revised application on 19.02.2016. The committee observed the following points.

1. As per rural water supply norms, only 55 LPCD fresh water is to be drawn & balance 80 LPCD will be met up by tertiary treatment/recycled water. But this procedure is not followed during the preparation of water balance chart.
2. Only 12% green belt area is proposed.
3. Driveway all round the building for smooth movement of fire tenders is not provided.
4. A detail of relinquishment of land for road widening is not given.
5. There is a drain passing in front of the proposed site along the side of road and its leadoff is not shown.
6. Surface hydrology study considering micro water shed network is not submitted.
7. Scheme of disposal of RO rejection not forth coming in the report.
8. The max. Intensity of rainfall, i.e., 100 mm/hr instead of 500 mm/hr is to be considered.

The committee after discussion had decided to reconsider the proposal after the submission of the following information.

1. Revised water balance chart considering 55 LPCD for fresh water drawl as per rural water supply norms and also treatment scheme to obtain 135 LPCD from the domestic waste water generated .
2. Scheme of disposal of RO reject if RO is used in the treatment scheme.
3. Scheme of compensating balance 21% green belt.
4. All round driveway for smooth movement of fire tenders is to be provided by revising the conceptual plan.
5. Details of relinquishment of land for road widening.
6. Surface hydrology study considering micro water shed network.
7. Details of leadoff of drain passing in front of the site.

The proponent has submitted the reply vide letter dated 28.04.2016.

The proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification and additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, EIA report and clarification/additional information provided during the meeting. As per the latest NGT order, a buffer of 50m, 35m & 25 m to be left from the edge of the primary, secondary & tertiary nala. In this proposal, a nala is passing in the boundary of the project site. The proponent failed to explain the type of nala passing by and also the conceptual plan is not complying with NGT order. The proponent has requested some time to produce revenue map and other details.

The Committee after discussion decided to defer the proposal till the submission of village map and supporting documents by the proponent.

Action: Secretary, SEAC to put up the proposal to SEAC after the submission of the above information.

164.14 "WTC OPAL" Tech Park Project at Sy.Nos. 102 & 103 of Mahadevapura Village, K.R.Puram Hobli, Bangalore East Taluk, Bangalore Urban District of M/s. Bagmane Developers Pvt. Ltd. (SEIAA 7 CON 2016)

Name of Applicant: - M/s. Bagmane Developers Pvt. Ltd.

M/s. Bagmane Developers Pvt. Ltd. has applied for Environmental clearance from SEIAA for their 160.42 "WTC OPAL" Tech Park Project at Sy.Nos. 102 & 103 of Mahadevapura Village, K.R.Puram Hobli, Bangalore East Taluk, Bangalore Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost = Rs. 195 Cr.

1. **Land details:** - Total Plot area is 10,509.15 Sqm;
2. The total built up area of the project is 93,417.24 Sqm, comprising 3B+G+14 UF with a maximum height of 55 m. Right of way is 18 m
3. **Land use details: details not submitted**
4. **Water Requirement:** Total water requirement is 338 KLD.(225 KLD fresh water + 113 KLD Recycled water) The source of water is from BWSSB.
5. **Wastewater Management:** - The total quantity of waste water generated is 321 KLD (considering 95% waste generation) and treated is proposed in STP of design capacity of 325 KLD with SBR technology.
6. **Excavated Earth Management:** - details not submitted
7. **Energy Requirement:** Total power requirement of 5200 KVA is sourced from BESCOM; Backup power proposed is DG sets with a capacity 5x1500 KVA.
8. **Traffic Details:** submitted. Parking provided is 1215.
9. **Environment sensitivity:** EMP submitted.
10. **Other details:** 16 Nos of recharge pits have been provided

The Proponent and Environment Consultant attended the 160th meeting of SEAC held on 1st, 2nd and 3rd March 2016 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional

information provided during the meeting. The proponent stated that the project site falls in the sensitive zone of BDA and they have applied to the sensitive zone clearance committee for the clearance.

The committee after discussion had decided to reconsider the proposal after submission of the following information:

1. Clarification regarding the project area is not falling under eco sensitive area from BDA
2. Revised water balance chart considering use of water for landscaping and HVAC
3. Revised HVAC flow diagram incorporating the softeners for further treatment to use in HVAC
4. Detailed earth work generation calculation and its utilization within the project site
5. Detailed traffic study report
6. Detailed hydrological study of the influencing the surface water flow considering the nearby two water bodies
7. Explore the possibility of providing in house fire station.

The proponent has submitted the reply vide letter dated 23.03.2016.

The committee perused the replies submitted by the proponent during the 161st meeting of SEAC held on 28th and 29th March 2016. The committee observed the following points.

1. Disposal of waste from UF treatment is not given.
2. Earth work generation & utilization with detailed calculation is not given.
3. While clearing the proposed site, the eco sensitive committee of BDA has put a condition vide letter No. 2516/2011-12 dated 12-08-11, that, the ground water level is to be taken in to consideration before fixing of basement level and, in the present case, 3 basement has been proposed and whether the ground water level is ascertained as per the BDA committee is not known.
4. Compliance to the conditions put forth by the eco sensitive committee of BDA is not given.
5. Surface hydrology study is not carried out considering micro water shed net work.

The committee after discussion had decided to reconsider the proposal after submission of the following information.

1. Disposal of waste from UF treatment.
2. Earth work generation & utilization with detailed calculation.
3. Ascertain the ground water level before fixing the basement level of the building.
4. Compliance to the conditions put forth by the eco sensitive committee of BDA.
5. Surface drainage hydrology considering micro water shed net work where the project site is located and also study should cover the capacity of the existing nala to carry the flood discharge taking into consideration max. Intensity of rainfall received in Bangalore.

The proponent has submitted the reply vide letter dated 21.04.2016

The committee perused the reply submitted by the proponent and observed that in the land conversion record submitted by the proponent, it was mentioned that, there is a rajakaluve existing in northern boundary of the project site. As per the latest NGT order, a buffer of 50m, 35m & 25 m to be left from the edge of the primary, secondary & tertiary nala. As per this NGT order the proponent shall leave 50 m buffer from the edge of the rajakaluve and the same has to be got certified from storm water drain authority in the BBMP.

The Committee after discussion decided to reconsider the proposal after the submission of the above information.

Action: Secretary, SEAC to put up the proposal to SEAC after the submission of the above information.

164.15 Residential Apartment Project at PID No.48-50-78, Municipal No.78, Sudhama Nagar Near Mission Road, Bangalore Tahsil, Bengaluru Urban District of M/s. Legacy Global Projects Pvt. Ltd., #333, Nova Miller, Thimmaiah Road, Vasanthnagar, Bangalore - 560052. (SEIAA 29 CON 2016)

Name of Applicant: - M/s. Legacy Global Projects Pvt. Ltd.,

M/s. Legacy Global Projects Pvt. Ltd., have applied for Environmental clearance from SEIAA for their Residential Apartment Project at PID No.48-50-78, Municipal No.78, Sudhama Nagar Near Mission Road, Bangalore Tahsil, Bengaluru Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 30 Crores.

Land details: - Total Plot area is 4416.50 Sqm, net site area after relinquishment of area for road widening is 4,340.28 sqm.

1. The proposed project is construction of residential apartment having 3B+G+21UF+TF with 60 units in a total built up area of 23,282.56 Sqm. Ht of the building is 75 m. RoW is 24.90 m.

2. Land use details:

Total plot area	- 4,340.28 sqm.
Built up area	-23,282.56 Sqm
Green belt area	-2449.97 Sqm (56.45%)
Ground coverage	- 691.65 Sqm (15.94%)
FAR permissible is 3.50 and achieved is 3.47	

3. **Water Requirement:** Total water requirement is 41.85 KLD The source of water is BWSSB. NOC from BWSSB not submitted

4. **Wastewater Management:** - The total quantity of waste water generated is 39.75 KLD and treated in STP design capacity of 50 KLD with SBR technology.

5. **Excavated Earth Management:** - The total Earth work generated = 3,458.25 cum which will be used for back filling, road formation and landscaping within the project site.
6. **Solid Waste Management:** Total waste generated in the project is 120 Kgs/day; where 72 kgs/day is the organic waste which will be collected and treated in organic convertor and 48 kgs/day is inorganic waste, will be disposed to Vendors/ Recyclers.
7. **Energy Requirement:** Total power requirement of 720 KVA is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 2x450 KVA.
8. **Traffic Details:** Traffic details submitted. Parking provided is 87
9. **Environment sensitivity:** Lalbagh Lake is 1.75 km (S) and Sampangee lake is 0.67 km (N)

The Proponent and Environment Consultant attended the 163rd meeting of SEAC held on 15th and 16th April 2016 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee observed that there is a discrepancy in the earth work calculation.

The Committee after discussion had decided to reconsider the proposal after submission of the revised excavated earth calculation and its utilization within the project site. The committee advised the proponent to reduce the earth work generation by providing 2 1/2.basement below the ground level and ½ basement above the ground level.

The proponent has submitted the reply vide letter dated 26.04.2016.

The proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification and additional information.

The committee perused the information submitted by the proponent and accepted. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.16 Residential development project at Sy No. 64/1A, 64/1B, 64/3A & 64/3B of Hulimavu Village, Begur Hobli and Survey Number: 81/2E of Kothanur Village, Uttarahalli Hobli, Bangalore South Taluk of Mr. Zaid Sadiq, Prestige Nottinghill Investments, The Falcon House, #1, Main Guard Cross road, Bangalore – 560 001.(SEIAA 38 CON 2016)

Name of Applicant: - Mr. Zaid Sadiq

Mr. Zaid Sadiq has applied for Environmental clearance from SEIAA for their Residential development Project at Sy No. 64/1A, 64/1B, 64/3A & 64/3B of Hulimavu Village, Begur Hobli and Survey Number: 81/2E of Kothanur Village, Uttarahalli Hobli, Bangalore South Taluk under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost = Rs. 137.66 Cr.

Land details: - Total Plot area is 26,591.42 Sqm; Net area left after road widening is 25,794.75 Sqm

1. The proposed residential buildings consists of 580 units with a configuration of 2B+GF+18UF and a club house in a total built up area of 1,07,841.86 Sqm. Ht of the building is 59.50 m.

2. Land use details:

Total plot area	- 25,794.75 Sqm
Built up area	-1,07,841.86 Sqm
Green belt area	-12584.42 Sqm (48.78%)
Paved area (drive way)	-7588.32 Sqm (29.42%)
Service Area	-522.13 Sqm (2.02%)
Ground coverage	-5099.88 Sqm (19.78%)

3. **Water Requirement:** Total water requirement is 412 KLD.(281 fresh water + 131 KLD Recycled water) The source of water is BWSSB. NOC from BWSSB not submitted.

4. **Wastewater Management:** - The total quantity of waste water generated is 329.60 KLD (considering 80% waste water generation) and treated in STP design capacity of 330 KLD with SBR technology.

5. **Excavated Earth Management:** - The total Earth work generated = 1,15,000 Cum. 7,500 cum for backfilling; 12,000 cum for road formation and site gradation; 10,000 cum for filling on podium; 10,000 cum for landscaping and balance 75,500 cum will be disposed outside the site.

6. **Solid Waste Management:** Total waste generated in the project is 1.50 MT/day; where 0.86 MT/day is the organic waste which will be collected and treated in organic convertor and 0.46 MT/day is inorganic waste, will be disposed to Vendors/ Recyclers. STP sludge generated is 16.50 Kg/ day will be used as manure for gardening.

7. **Energy Requirement:** Total power requirement of 3,790 KW is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 5x630 KVA.

8. **Traffic Details:** Not submitted. Parking provided is 671

9. **Environment sensitivity:** EMP submitted.

10. **Other details:** 13 No of recharge pits with a capacity of 90 cum provided for rain water harvesting.

11. Eco sensitive details: Kalena Agrahara Kere - 0.83 km

Hulimavu Lake - 1.2 km

Are kere - 1.10 km

The Proponent and EIA coordinator from M/s. Clean Technologies have attended the 163rd meeting of SEAC held on 15th and 16th April 2016 to present the EIA report.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, EIA report and clarification/additional information provided during the meeting. The proponent informed that there exists some old buildings which are proposed to be demolished. The committee observed the following points:

1. Details of excavated earth and its utilization within the project site is not convincing.
2. List of existing trees in the site and no. Of trees proposed to be cut/retained is not given

The Committee after discussion had decided to reconsider the proposal after submission of the following information:

1. Revised earth work calculation and its utilization within the site & scheme of disposal of construction debris
2. List of existing trees in the site and no. Of trees proposed to be cut/retained

The proponent has submitted the reply vide letter dated 27.04.2016.

The committee perused the information submitted by the proponent and accepted. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1. Transporting of excess soil during night only with covered trucks.
2. In the ratio of 1:3, new species are to be planted for the trees cut.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

12th May 2016

Members present in the meeting:

Shri. N. Naganna	-	Chairman
Prof. D.L. Manjunath	-	Member
Dr. S. Manjappa	-	Member
Dr. B. Manoj Kumar	-	Member
Dr. M.I. Hussain	-	Member
Shri. B. Chikkappaiah	-	Member
Dr. N. Krishnamurthy	-	Member
Dr. S. Prashanth	-	Member
Dr. K.C. Jayaramu	-	Member
Sri. Subramany.M	-	Member
Sri. Vijaya Kumar	-	Secretary, SEAC

EIA Presentations:

164.17 Tank Terminal facility for storage of MEG, Acetic acid, Light Naphtha, LSHS, Diesel at Sy.NO. 46-1(p), 47-2(p), 47-3(p), 47-7(p1), 47-7(p2), 47-8(p), 47-13(p), 47-14(p), 47-15, 47-16(p), 47-3(p), 47-9(p), 47-10(p), 47-7(p3), Thannirbhavi, Mangalore, Dakshina Kannada District of Sri R.S.Negarkar, CEO, M/s Raftaar Terminals Pvt. Ltd., #4/152, Laxman Building, NH-66, Kottara Chowki, Mangalore- 575006 (SEIA 12 IND 2015)

This is a proposal seeking Environment Clearance for Tank Terminal facility for storage of MEG, Acetic acid, Light Naphtha, LSHS, Diesel at Sy.NO. 46-1(p), 47-2(p), 47-3(p),

47-7(p1), 47-7(p2), 47-8(p), 47-13(p), 47-14(p), 47-15, 47-16(p), 47-3(p), 47-9(p), 47-10(p), 47-7(p3), Thannirbhavi, Mangalore, Dakshina Kannada District by M/s Raftaar Terminals Pvt. Ltd.

The Proponent and Environment Consultant attended the 133rd meeting of SEAC held on 19th and 20th March 2015 to provide clarification/additional information.

The committee observed that the project site is located within the CRZ. The proponent informed that a part of the project site falls in CRZ I and major portion of the area falls in CRZ III. The proponent further submitted that it is a permissible activity in CRZ III.

The proponent was advised to approach the State Coastal Zone Management Authority as recommendation from the State Coastal Zone Management Authority is a statutory requirement for issue of Environment Clearance to such projects which attracts both CRZ Notification 2011 and EIA Notification 2006. The proponent was also advised to take necessary clearance for the pipeline from the competent Authority.

The committee screened the proposal considering the information provided in the statutory application-Form I, pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional ToR.

1. Distance between the nearest village (Tannir Bhavi) and impact on the village if there are residents
2. Justification with regard to filling up the earth whether is permitted activity or not as per the CRZ Notification as land reclamation and bunding is not a permissible activity as per CRZ Notification 2011
3. Justification with regard to LSHS tank for future use
4. Explain the worst case scenario in case and the preventive measures taken
5. Provisions for drive way width as per norms
6. Details of pipeline to be layed from the hourbour, its impact on the environment and permissibility under the CRZ provisions.

The Proponent attended the meeting of SEAC and requested to requested to defer the subject and consider the same in the next meeting.

The committee after discussion decided to defer the subject till next meeting and instructed to consider the proposal in the next meeting.

Action: Secretary, SEAC to put up the proposal to SEAC in the next meeting.

164.18 Expansion of "Mantri Hennur" Residential Apartment at Sy.Nos. 15/4, 18/1, 19/1, 19/4 to 19/14, 19/16, 20/2, Khatha No. 666 to 668, Khatha No. 1026/19/16/1 to 4, Khatha No. 1027/19/16/5,6 of Nagareshwara Nagenahalli Village and Sy.No.43/1, 45/1, 45/2, 54, of Sri Nagendra Prasad, AVP-Design, M/s. Mantri Developers Pvt. Ltd., "Mantri House" No.41, Vittal Mallya Road, Bangalore - 560 001.(SEIAA 249 CON 2013)

M/s. Mantri Developers Pvt. Ltd have applied for Environmental Clearance from SEIAA for their Expansion of proposed "Mantri Hennur" Residential Apartment Project at Sy.Nos. 15/4, 18/1, 19/1, 19/4 to 19/14, 19/16, 20/2, Khatha No. 666 to 668, Khatha No. 1026/19/16/1 to 4, Khatha No. 1027/19/16/5,6 of Nagareshwara Nagenahalli Village and Sy.No.43/1, 45/1, 45/2, 54, 55 & 58 Khatha No. 264/167/58/48/1, Khatha No. 265/168/58/48/1, Khatha No. 266/169/45/1, Khatha No. 267/170/45/2, Khatha No. 268/171/58/48/1 of Kothanur Village, K.R Puram Hobli, Bangalore East Taluk, Bangalore under 8(b) of Schedule of EIA Notification- 2006 under Category-B. Total project cost is Rs. 93.05 Crores (expansion cost).

1	Project	Residential Apartment	Residential Apartment	No Change
2	Location	Survey No.s 15/4,18/1,19/1,19/4 to 19/14, 19/16, 20/2, Khatha No. 666 to 668, Khatha No. 1026/19/16/ 1 to 4, Khatha No. 1027/19/16/5, 6 of Nagareshwara Nagenahalli Village and Sy. No. 43/1, 45/1, 45/2, 54, 55 & 58 Khatha No. 264/167/58/48/1, Khatha No. 265/168/58/48/1, Khatha No. 266/169/45/1, Khatha No. 267/170/45/2, Khatha No. 268/171/58/48/1 of Kothanur Village, K.R Puram Hobli, Bangalore East Taluk, Bangalore.		No Change
3	Type of Expansion	-	Addition of 388 Flat and built up area of 72,064 sq m	Vertical Expansion
4	Flats	1783	2171	+ 388
5	Total plot area	1,80,138.02 sq m (44 A 20.5 G)	1,69,978.09 (42 A 0.1 G)	- 10,159.93 SQM
6	Built up area	2,54,145.79 SQM	3,26,209.88 sq m	+ 72,064.09SQM
7	Building Configuration	Parcel -1 :- 5 Blocks (1to 5) Basement, Ground and fourteen upper floors. (including lower and upper penthouse) Parcels -2 :- 7 Blocks (6 to 12) Basement, Ground and fourteen upper floors.(including lower and upper penthouse) Parcel – 3 :- 10 Blocks (Block 13,14 & 15 consists of B+G+17 UF (including lower and upper penthouse),	Parcel -1 :- 5 Blocks (A,B,C,D,E) Basement, Ground and Fourteen upper floors. (including lower and upper penthouse) Parcels -2 :- 7 Blocks (F,G,H,J,K,L,M) Lower Basement, Upper Basement, Ground and Twenty One upper floors. Parcel – 3 :- 10 Blocks (N,P,Q,R,S,T,U,V,W,X) Lower Basement, Upper Basement, Ground and	Vertical Expansion

		Block 16,17 & 18 consists of B+G+18 UF (including lower and upper penthouse) Block 19, 20, 21 & 22 consists of B+G+16 UF (including lower and upper penthouse)) and club house.	Seventeen upper floors. Club House:-Ground, First, Second & Third Floor.	
8	Parking spaces	1962 Cars	2463 Cars	+ 501 Cars
9	STP capacity	260 KLD, 410 KLD & 440 KLD (Total 1,110 KLD)	260 KLD, 560 KLD & 400 KLD (Total 1,220 KLD)	+ 110 KLD

Landscape area proposed is 29,823.95 Sqm (which works out to 33.5% of plot area).

Water Requirement: Total water requirement is 1496 KLD; which is sourced from BWSSB. NOC obtained on 04.03.2008;

Wastewater Management: Total quantity of Wastewater generated is about 1198 KLD.

Excavated Earth Management: Total quantity of excavated earth generated in the project is about 1,70,000 Cum; Backfilling quantity: 45,000 Cum; Landscaping quantity: 30,000 Cum; Road Leveling/Formation quantity: 25,000Cum; the remaining quantity of 70,000 Cum will be used for levelling in the area earmarked for future development.

Solid Waste Management: Total waste generated in the project is 4486 kg/day; Organic waste of 2692 kg/day will be treated in organic waste convertor and the product used as manure. Inorganic waste of 1794 kg/day will be sent for recycling. Sludge generated from STP is 4440 kg/day and used as manure.

Energy Requirement: Total power requirement is sourced from BESCO; Backup Power proposed is DG sets of 2X500, 5X1010 and 8X750 KVA. The total energy savings achieved in the project is 20.30%.

Parking proposed is 2463 PCU.

Other Details: Rain Water Harvesting is proposed.

The project proponent and environment consultant explained the proposed ToRs. The committee after deliberations, decided issue model TORs along with the following additional TORs for preparation of EIA for expansion proposal from an accredited environmental consultant (since the EIA done for the previous proposal is old).

1. Compliance to earlier EC issued.
2. Compliance to any notices issued by KSPCB and other statutory agencies.
3. Details regarding any legal issues.
4. PP to clarify the area left for buffer apart from Kharab land for developing and future development proposal.
5. PP to explore the possibility of EWS accommodation in the expansion proposal.

6. Committee decided to have the site inspected to know the status of Rajakaluve passing through the site.
7. PP to explore the possibility of using the entire sewage treated water in the project.
8. PP to earmark and provide hazardous, solid, E-waste collection points in the project site.
9. PP to furnish the block wise details of species wise list of trees retained in the project site and also furnish block wise list of species to be planted in project site and its total number.
10. Impact on upstream and downstream residents of Nallah due to project development and also during rainy season.
11. PP to provide air quality prediction due to line and point sources in the project.

Accordingly the ToR issued on 02.09.2014.

The project proponent submitted a letter dated 21.05.2015 requesting the committee to issue additional ToRs for expansion of their project.

The project is therefore placed before the committee in the 142nd meeting of SEAC held on 13th and 14th July 2015.

The Proponent and Environment Consultant attended the meeting to provide clarification/additional information and requested for additional ToR for their modification of the project.

The committee after discussion had decided to visit the site to take decision to issue additional ToRs.

The sub-committee visited "Mantri Hennur" Residential Apartment at Sy.Nos. 15/4, 18/1, 19/1, 19/4 to 19/14, 19/16, 20/2, Khatha No. 666 to 668, Khatha No. 1026/19/16/1 to 4, Khatha No. 1027/19/16/5,6 of Nagareshwara Nagenahalli Village and Sy.No.43/1, 45/1, 45/2, 54, 55 & 58 Khatha No. 264/167/58/48/1, Khatha No. 265/168/58/48/1, Khatha No. 266/169/45/1, Khatha No. 267/170/45/2, Khatha No. 268/171/58/48/1 of Kothanur Village, K.R Puram Hobli, Bangalore East Taluk, Bangalore on 04.08.2015 and submitted the following inspection report:

Date of Visit: 04.08.2015

Time of Visit: 3.30 PM to 5.30 PM

Members visiting:

1. Prof. D.L. Manjunath - Member
2. Dr. S.Manjappa - Member
3. Dr. M.I. Hussain - Member
4. Dr. N. Krishnamurthy - Member
5. Sri H. Srinivasaiah - Member

6. Dr. K.B. Umesh - Member
7. Sri. Subramany. M - Member

Officials of Ecology and Environment Department Present:

1. Sri O. Palaiah, IFS - Secretary, SEAC
2. Sri B.S. Chandrashekar - Scientific Officer, SEAC

Representatives of the proponent present

1. Sri. Ramprasad - Representative of the Proponent
2. Sri Jagadish - Liasoning Officer

Observations:

Construction work was in full swing. It was observed that the R.C.C retaining wall constructed to protect the Raja Kaluve passing adjacent to the project site appeared to be encroaching the Raja Kaluve.

Recommendations:

The proponents may be asked to ascertain the above aspects of the observations, ie the apprehension that the "Raja Kaluve might have been encroached". This apprehension has to be clarified by obtaining a report from the competent Authorities.

A sketch of the area and photo are enclosed.

The SEAC perused the observations and recommendations of the sub-committee and accepted the inspection report in the 145th meeting of SEAC held on 17th and 18th August 2015 .

The proponent have submitted the information vide letter dated 05.10.2015.

The Proponent and Environment Consultant attended the 150th meeting of SEAC held on 7th, 8th and 9th October 2015 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

The Committee after discussion decided to issue following additional ToRs.

1. Revised water balance calculating fresh water demand at the rate of 55 LPCD as per the norms prescribed for rural water supply and the scheme for meeting the additional requirement
2. Demand note of BWSSB
3. Scheme for safe and scientific management of excess excavated earth within the project site only and detailed calculation of earth work quantity.
4. Proposal for use of Bi-fuel gen sets

5. Quantification of the terrace area available for harnessing solar energy and an appropriate plan thereof with due calculations.

Accordingly the ToR was issued on 28.10.2015.

The proponent has submitted the EIA report vide letter dated 18.04.2016.

The Proponent and Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee observed that, in the proposed project site, one rajakaluve and two secondary nala passing in the site. Earlier EC was issued for total BUA of 2, 54,145 Sqm. The present proposal is for BUA of 6, 69,02.70 Sqm including the earlier one. Since there are three nala are passing in the site, so recent TGT order has to be taken into consideration according to which entire configuration of the building is to be modified. Proponent pleaded to take up this project as an expansion to the one existing one for which EC has been already issued. The authority is requested to guide the SEAC in this regard for taking further action.

Action: Secretary, SEAC to put up the proposal to SEAC after receiving the guidance from SEIAA.

164.19 Residential Apartment Project at Sy.Nos.54/3, 55/1, 55/2, 56, 58/1, 58/2, 58/3, 59/2, 59/3, 59/4, 59/4, 59/5, 60/2, 61, 63/1 & 31/1 of Hadosiddapura Village & Chikkanelli Village, Bengaluru East Taluk, Bengaluru Urban District of M/s. Sobha Limited, Sarjapura-Marathahalli ORR, Devarabisanahalli, Bellandur Post, Bangalore - 560 103.(SEIAA 191 CON 2015)

M/s. Sobha Limited., have applied for Environmental clearance from SEIAA for their proposed construction of Residential development Project at Sy.Nos.54/3, 55/1, 55/2, 56, 58/1, 58/2, 58/3, 59/2, 59/3, 59/4, 59/4, 59/5, 60/2, 61, 63/1 & 31/1 of Hadosiddapura Village & Chikkanelli Village, Bengaluru East Taluk, Bengaluru Urban District under 8(a) of schedule EIA Notification – 2006 under category B.

Land details: - Total Plot area is 98,894.44 Sq.mts (24 Acres 17.5 Guntas)

1. The proposed project consists of total builtup area of 2,78,018.45 Sq.mts comprises of 1,246 No's of residential apartments in 17 Towers and 39 no's of row houses with a clubhouse. The apartments are sprawled across 2B + G+ 18UF with a height of 63.25m. The row houses are sprawled across G +1UF and Clubhouse in G + 2UF. Total cost of the project is Rs.383 Crores.
2. **Landscape area** (proposed): 3,433.12 Sq.mts (3.81%) on podium.
17,681.15 Sq.mts (19.62%) on natural ground
3. **Water Requirement:** Total water requirement is 868 KLD. Water requirement for the project will be met by Halanayakanahalli Grampanchayat. Copy of NOC is not submitted.

4. **Wastewater Management:** The total quantity of waste water generated is 771 KLD and treated is proposed STP of design capacity of 1005 KLD (335 KLD X 3 Modules).
5. **Excavated Earth Management:** The quantity of earthwork involved on-site is estimated to be about 1,18,962 Cu.m.
6. **Solid Waste Management:** Total waste generated in the project is 3,054 Kg/day; where 1,897 kg/day is the organic waste and 1,157 kg/day is inorganic waste, organic waste is treated in organic waste convertor. Inorganic waste is handed over to authorized recyclers.
7. **Hazardous Waste Management:** 1,208 Liters/ 6months of waste oil from DG sets, which will be given to KSPCB, designated waste oil recyclers handed over to KSPCB designated waste oil recyclers.
The generated E-waste will be handed over to authorized E-waste processors approved by KSPCB.
8. **Energy Requirement:** Total power requirement is 12.57 MVA is sourced from BESCO. Backup power proposed is DG set of 1 x 160 KVA, 250 X 2 Kva, 500 KVA X 7 No's, 750 KVA X 5 No's. Total energy savings is 19.60%
9. **Traffic Details:** Parking proposed: 2,465 No's of cars.

The Proponent and Environment Consultant attended the 155th meeting of SEAC held on 10th and 11th December 2015 to provide clarification/additional information.

The committee screened the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, and clarification/additional information provided during the meeting.

The Committee had decided to appraise the proposal as B1 as the built up area is more than 1,50,000 Sqm. Committee after discussion decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional ToR.

1. Scheme for usage of entire terrace area in the project for solar power generation.
2. Scheme for usage of maximum treated sewage from STP within the project site only.
3. Scheme for utilisation of entire Rain Water harvested in the project site (both from the roof top and from the surface runoff) within the Project premises only.
4. Hydrological study of the influencing area of the project in order to ascertain surface water drainage pattern.
5. Scientific assessment of ground water for both quantity & quality, and scheme of treatment to use the treated water, and its impact on competitive users.
6. Quality of raw water used and its treatment scheme for usage.
7. Site Levels with respect to AMSL.

Accordingly the ToR was issued on 25.02.2016.

The proponent has submitted the EIA report vide letter dated 11.04.2016.

The Proponent and Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee observed that, there is a discrepancy regarding BUA with respect to Form-1 & presentation. For this, the proponent informed that, in form -1 while calculating BUA, overhead tank & utility areas are not considered and now they have considered these area and that is the reason for increase in BUA from 2,78,018.45 Sqm to 2,87,935.8 Sqm. RTC copy Revenue map is not submitted. Also, there is discrepancy with regard to configuration between form-1 & presentation which needs clarification.

The committee after discussion decided to reconsider the proposal after the submission of the following information.

1. RTC copy and revenue map
2. Quantification of the terrace area available for harnessing solar energy and an appropriate plan there of with due calculations.
3. Revised water balance calculating fresh water demand at the rate of 55 LPCD as per the norms prescribed for rural water supply and the scheme for meeting the additional requirement.
4. Mass balance for water.
5. Clarification regarding discrepancy in configuration between form-1 & presentation.
6. Quantification of the excavated earth and specific plan for disposal of excess excavated earth without any adverse impact on the environment.
7. After UF treatment, RO system should be provided for further treatment and scheme of RO reject should be given.
8. Surface hydrology study considering micro water shed network.

Action: Secretary, SEAC to put up the proposal to SEAC after the submission of the above information.

Fresh Subjects:

164.20 “Mandavi Acropolis” Residential Apartments project at Sy.no. 127/7,8,20,21 and 128/1,2,7,11 & 69 of Moodanidamboor Village, Udipi Taluk & District of Mandavi Builders and Developers, Mandavi Residency Ground, Near Bus Stand, Shiribeedu, Udipi (SEIAA 158 CON 2015)

M/s. MANDAVI BUILDERS AND DEVELOPERS., have applied for Environmental clearance from SEIAA for their proposed “**Mandavi Acropolis**” construction of Residential Apartment Project at Sy.no’s. 127/7, 8, 20, 21 and 128/1, 2, 7, 11 & 69 of Moodanidamboor Village, Udipi Taluk and District under 8(a) of schedule EIA Notification – 2006 under category B.

Land details: - Total Plot area is 9594.53 Sq.mts

1. The project consists of 3 Blocks (Block – A, Block –B & Block – C) with total Built up area is 42,130.86 Sqm. Total cost of the project is 47.13 Crores
2. **Landscape area** (proposed):3567.27 Sq.mts
3. **Water Requirement:** Total water requirement is 169 KLD. The source of water is Udupi City Municipal Council and an open well in case of scarcity.
4. **Wastewater Management:-** The total quantity of waste water generated is 135 KLD and treated is proposed STP of design capacity of 150 KLD.
5. **Excavated Earth Management:** - Not mentioned.
6. **Solid Waste Management:** Total waste generated in the project is 625 Kg/day; where 375 kg/day is the organic waste and 375 kg/day is inorganic waste, organic waste is composted. Inorganic waste is sent to common solid waste management.
7. **Hazardous waste management:** About 100 – 200 lit/annum waste lubricant oil from diesel engines is stored in MS drums and waste oil is proposed to be sold to KSPCB authorized waste oil reprocesses.
8. **Energy Requirement:** Total power requirement of 1750 KVA is sourced from MESCOM; Backup power proposed is DG set of 3 X 125 KVA.
9. **Traffic Details:** Not Mentioned.
10. **Environment sensitivity:** EMP Submitted
11. **Other details:** Rain water Harvesting is proposed. The ROW is not mentioned. Total energy savings is not mentioned.

The Representative of the proponent and Environment Consultant attended the 151st meeting of SEAC held on 19th, 20th and 21st October 2015 to provide clarification/additional information without proper authorization letter.

The committee noted that the construction work already started and it is a violation case and also there is no competent person to explain the above.

The Committee after discussion had decided to recommend the proposal to SEIAA to initiate the credible action against the proponent for the violation.

The Authority perused the proposal and took note of the recommendation of SEAC during the 108th SEIAA meeting held on 11th November 2015.

The Authority noted that it is a case of violation. The Authority after discussion took the following decisions:

1. Issue the following directions under section 5 of the Environment (Protection) Act, 1986 to the proponent:

- a) To suspend the construction activity of the above said project with immediate effect at the existing level till the Environmental Clearance is obtained.
 - b) To submit details regarding present level of construction along with latest dated photographs.
 - c) To show cause why action should not be initiated against you for the violation
2. Get the mahazar of the project site done to establish the violation if any.
 3. Filing a complaint before the jurisdictional court for the violation if prima facie established under section 19 of the Environment (Protection) Act, 1986. The scientific Officer, SEIAA is authorized for filing complaint on behalf of the Authority.
 4. To consider the proposal after filing of the complaint and receipt of the information sought.

Accordingly the Directions under section 5 of the Environment (Protection) Act, 1986 has been issued by SEIAA on 10.12.2015.

The proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification and additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of the following information.

1. NOC from Municipality for water supply.
2. Revised water balance chart.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.21 Construction of “Mandavi Prince Palace” Mixed Use Development Project, Sy.No’s 84/4A, 4B1, 4B2, 18A1, 18A2B2, 18A2B3, 18B, No.68, Puttur Village, Udupi Taluk and Udupi District of M/s. Mandavi Real Estate Developers, Ground Floor, Mandavi Palace, Vidyaratna Nagar, End Point Road, Manipal, Udupi Taluk & District - 575001.(SEIAA 196 CON 2015)

Name of Applicant: Jerry Dias Partner

M/s. Mandavi Real Estate Developers

Latitude: 13° 21'52.32" N

Longitude: 74° 44'51.25" E

M/s. Mandavi Real Estate Developers have applied for Environmental clearance from SEIAA for their proposed construction of “Mandavi Prince Palace” mixed use development Project at Sy. No. 84/4A, 4B1, 4B2, 18A1, 18A2B2, 18A2B3, 18B, No.68, Puttur Village, Udupi Taluk, Udupi District under 8(a) of schedule EIA Notification – 2006 under category B.

Land details: - Total Plot area is 11,456.77 Sq.mts

1. The proposed project consists of total builtup area of 48,288.41 Sq.mts comprising of Commercial building having GF + 2 UF and Residential building having 5 towers, building configuration is B + G +14UF's with 364 number of residential units. Total cost of the project is Rs. 90 Crores.
2. **Landscape area** (proposed): 3,780.73 Sq.mts (33.00%)
3. **Water Requirement:** Total water requirement is 253 KLD. Water requirement for the project will be met by Udupi CMC. Copy of NOC is not submitted.
4. **Wastewater Management:** The total quantity of waste water generated is 215 KLD and treated is proposed STP of design capacity of 250 KLD.
5. **Excavated Earth Management:** The quantity of earthwork involved on-site is estimated to be about 10,531.04 Sq.mts.
6. **Solid Waste Management:** Total waste generated in the project is 728Kgs/day; where 436.8 kg is organic waste and 291.2 kg is inorganic waste. Organic waste is treated in organic waste convertor. Inorganic waste is handed over to authorized recyclers.
7. **Hazardous Waste Management:** waste oil from DG sets, which will be given to KSPCB, designated waste oil recyclers handed over to KSPCB designated waste oil recyclers.
8. **Energy Requirement:** Total power requirement of 1,950 KVA is sourced from MESCOM. Backup power proposed is DG set of 4 x 125 KVA. Total energy savings is not mentioned.
9. **Traffic Details:** Parking proposed: 388 No's of ECS. Road width in front of project site is 30 meters.
10. **Environment sensitivity:**
Swarna River: 2.0 Kms(N Direction) **Udupi Coast:** 5.6 Kms (W Direction)
Other details: Height of the building is 49.98 M.
11. **Connectivity:** The project site is connected by 30 m wide Kalsanka Ambagilu road which connects to NH 66.

***Out of Five Residential Towers, Two towers already built, One Commercial building works not yet started (Photograph Enclosed)**

The Proponent and Environment Consultant attended the 156th meeting of SEAC held on 28th, 29th and 30th December 2015 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, EIA report and clarification/additional information provided during the meeting. The committee observed that the proponent has already started the construction activity and out of five residential towers, two towers already built and it is at the finishing level.

The Committee after discussion had decided to report the violation and recommend the proposal to SEIAA to take credible action in this regard.

The Authority perused the proposal and took note of the recommendation of SEAC during the 112th SEIAA meeting held on 28th January 2016.

The Authority noted that it is a case of violation. The Authority after discussion took the following decisions:

1. Issue the following directions under section 5 of the Environment (Protection) Act, 1986 to the proponent:
 - a) To suspend the construction activity of the above said project with immediate effect at the existing level till the Environmental Clearance is obtained.
 - b) To submit details regarding present level of construction along with latest dated photographs.
 - c) To show cause why action should not be initiated against you for the violation
2. Get the mahazar of the project site done to establish the violation if any.
3. Filing a complaint before the jurisdictional court for the violation if prima facie established under section 19 of the Environment (Protection) Act, 1986. The scientific Officer, SEIAA is authorized for filing complaint on behalf of the Authority.
4. To consider the proposal after filing of the complaint and receipt of the information sought.

Accordingly the Directions under section 5 of the Environment (Protection) Act, 1986 has been issued by SEIAA on 25.02.2016.

The proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification and additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of the following information.

1. An undertaking to not to commence the work till the Environmental Clearance obtained.
2. Revised water balance chart.
3. As per the NGT order, minimum 15 m to be left from the edge of the nala.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.22 Residential Apartment Project at Sy.Nos.245/4, 245/5/8/9/10 of Gunjur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District of M/s. SAI PURVI DEVELOPERS, #1668/A, 2nd Floor, G.V.Complex, 14th Main Road, HSR Layout, Bangalore - 560 012. (SEIAA 41 CON 2016)

M/s. SAI PURVI DEVELOPERS, have applied for Environmental clearance from SEIAA for their proposed development of residential apartment project at Sy.Nos.245/4, 245/5/8/9/10 of Gunjur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 42.09 Crores.

1. Land details: - Total Plot area is 13670.63 Sq.mts
2. The proposed project consisting of Block-A,B,C (GF+11Uf) with Common Basement floor with 370 no of units with total Built up area is 42096.35 Sqm. Ht. of Building is 35.4m.
3. **Land use details:**

Total plot area	- 13,670 Sqm
Built up area	-42,096.35 Sqm
Landscape area	-5,610.25 Sqm (41.03%)
Paved area	-4,221.40 Sqm (30.87%)
Ground coverage	-4,379.81 Sqm (32.03%)
FAR permissible is 3.08	
4. **Excavated Earth Management:** - Total Excavated Earth is 12,108 m³
 - For Bbck filling is 10,291.8 m³
 - Back filling for retaining wall is 6069.59 m³
 - For Landscaping - 1816.2 m³
5. **Water Requirement:** Total water requirement is 249.75 KLD(148.60 Fresh water and 101.15 recycled water). The source of water is BWSSB. Copy of NOC submitted.
6. **Wastewater Management:** - The total quantity of waste water generated is 224.77 KLD and treated is proposed STP of design capacity of 225 KLD with SBR Technology.
7. **Solid Waste Management:** The domestic waste will be segregated, collected at a common designated place and handed over to BBMP for final disposal (proposed to provide organic waste converter).
8. **Energy Requirement:** Total power requirement not given; Backup power proposed is DG set of 3 X 250 KVA.
9. **Traffic Details:** enclosed. Parking proposed: 407 Nos.
10. **Environment sensitivity:** EMP Submitted.
11. **Other details:** Rain water Harvesting will be implementing with roof rain water collection sump of capacity 2243.89 cu.m and also provided recharge pits.

The proponent was invited to provide required clarification. The proponent remained absent.

The Committee decided to defer the subject providing one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

164.23 Residential Apartment Project at Sy.Nos.15/1, 15/2, 16, 17, 18/1, 18/2, 18/3, 18/4, 18/5, 19/1, 19/2, 19/3, 20, 21/1, 21/2, 22/1, 22/2, 22/3, 22/4, 27/1, 27/2, 28/1, 28/2, 28/3, 28/4, 29/2, 29/3 of Avadadenahalli Village, Kasaba Hobli, Anekal Taluk, Bangalore Rural District of M/s. Arvind Gowda and Others, #816L, 16th Cross, Jayanagara, 7th Block west, Bangalore (SEIAA 42 CON 2016)

M/s. Arvind Gowda and Others., have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy.Nos.15/1, 15/2, 16, 17, 18/1, 18/2, 18/3, 18/4, 18/5, 19/1, 19/2, 19/3, 20, 21/1, 21/2, 22/1, 22/2, 22/3, 22/4, 27/1, 27/2, 28/1, 28/2, 28/3, 28/4, 29/2, 29/3 of Avadadenahalli Village, Kasaba Hobli, Anekal Taluk, Bangalore Rural District under 8(b) of schedule EIA Notification – 2006 under category B. Total Project cost is 150 Crores.

1. Land use details:

Total plot area	- 1,46,090.20 Sqm
Karab Area	- 404.68 Sq.m
Road Widening -	- 21,426.28 Sq.m
Net Site Area	- 1,24,259.23 Sq.m
Super Built up area	- 3,48,806.65 Sq.m
Paved area	- 50603 Sq.m (13.41%)
Ground Coverage	- 32656.20 Sq.m(23.59%)
Green Belt Area	- 41,000 Sqm (33.0%)

FAR permissible is 1.65 and achieved is 2.0

- The proposed project consisting of Building 1&2 B + G + 14 UF with 1655 nos of units with Total Built up area is 3,48,806.65 Sqm. Ht. of Building is 44.95 M and RoW is 15m.
- Excavated Earth Management:** - Total Excavated Earth is 1,35,000 m³ will be used within the project site for landscaping of gardens and road making etc.
- Water Requirement:** Total water requirement is 1117 KLD. The source of water is BWSSB. Copy of NOC is not submitted.
- Wastewater Management:** - The total quantity of waste water generated is 1061 KLD and treated is proposed STP & RO of design capacity is 450 & 650 KLD, Water balance Chart not submitted.
- Solid Waste Management:** Total waste generated in the project is 3723 Kg/day; where 2233 kg/day is the biodegradable waste treated in OWC and 1490 kg/day is non biodegradable waste given to authorized.
- Energy Requirement:** Total power requirement of 1500 Kw is sourced from BESCOM; Backup power proposed is DG set of 2 X 500 KVA and 1 X 1000 KVA.
- Traffic Details: Not submitted.** Parking required is 2008 Nos & Provided 2100 Nos. The ROW is 15 M.
- Environment sensitivity:** EMP Submitted.

- 10. Other details:** Rain water Harvesting will be implementing with roof rain water collection sump of capacity 500 cum and also Storm water collection provided recharge pits in periphery of the site.

The proponent was invited to provide required clarification. The proponent remained absent.

The Committee decided to defer the subject providing one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

164.24 Commercial Building Project at Khatha No.151, Sy.No.125, Ward No.86, Bellandur Amnikere Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District of M/s. RSI Complex Maintenance Pvt. Ltd., No.277/70, Level -I Sigma Arcade, Airport Road, Marathahalli, Bangalore - 560037. (SEIAA 43 CON 2016)

M/s. RSI Complex Maintenance Pvt. Ltd., have applied for Environmental clearance from SEIAA for their proposed development of Commercial Building Project at Khatha No.151, Sy.No.125, Ward No.86, Bellandur Amnikere Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 80 Crores.

- 11. Land details:** - Total Plot area is 6,070.80 Sq.mts

- 12.** The proposed project consisting of 3B + GF + 5UF with Total Built up area is 30,004.10 Sqm. Ht. of Building is 18.5 M.

3. Land use details:

Total plot area	- 6070.80 Sqm
Built up area	-30004.10 Sqm
Landscape area with Recreational area of 15%	-1101.25 Sqm (18.14%)
Open space & roads	-1934.76 Sqm (31.87%)
Ground coverage	-3034.79 Sqm (49.99%)
FAR permissible is 2.5 and achieved is 2.97 after loading TDR	

- 12. Excavated Earth Management:** - Total Excavated Earth is 42487.10 m³
 Back Filling in Footings is 12746.13 m³
 Back filling for retaining wall is 6069.59 m³
 For Landscaping - 1,101.25 m³
 Roads and walkways – 1934.76 m³

Excess qty. of soil will be sent outside the premises- 20635.38 m³

- 13. Water Requirement:** Total water requirement is 82 KLD (as per Form – 1 & 1A).

The source of water is BWSSB. Copy of NOC not submitted. But in water balance chart, the total water requirement is shown as 125 KLD

- 14. Wastewater Management:** - The total quantity of waste water generated is 119 KLD and treated is proposed STP of design capacity of 120 KLD with SBR Technology.
- 15. Solid Waste Management:** Total waste generated in the project is 156 Kg/day; where 93.6 kg/day is the biodegradable waste and 62.4 kg/day is non biodegradable waste.
- 16. Energy Requirement:** Total power requirement of 2000 Kw is sourced from BESCOM; Backup power proposed is DG set of 5 X 500 KVA. Total Energy savings from the project is %.
- 17. Traffic Details:** The approach road in front of the project site is 15.02m wide. Traffic details not submitted. Parking proposed: 362 Nos.
- 18. Environment sensitivity:** EMP Submitted.
- 19. Other details:** Rain water Harvesting will be implementing with roof rain water collection sump of capacity 65 cum and also provided 7 no's of recharge pits with a capacity of 3.00 cum.
- 20.** Base line data details not submitted.
- 21. Environmental Sensitivity details:**
 - a) Bellandur Lake – 1.25 Km (SW)
 - b) Varthur Lake - 4.75 Km (E)

The proponent was invited to provide required clarification. The proponent remained absent.

The Committee decided to defer the subject providing one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

164.25 Residential Apartment Project at BBMP Khatha Nos. 36, 449, 36, 32, 27, 33, 448, 34, 451, 35, 450, 449, 27, 227 in Sy.Nos. 109/1B, 109/2, 110/1B, 110/2 and Ward No.160, Panthrapalya Village, Kengeri Hobli, Bangalore South Taluk, Bangalore Urban District of M/s. Vishala & Adiga Constructions, No.99, Vishala Nilaya, 2nd Cross, 3rd Main, 4th Phase, Dollars Layout, J P Nagar, Bangalore - 560078. (SEIAA 44 CON 2016)

M/s. Vishala & Adiga Constructions, have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at BBMP Khatha Nos. 36, 449, 36, 32, 27, 33, 448, 34, 451, 35, 450, 449, 27, 227 in Sy.Nos. 109/1B, 109/2, 110/1B, 110/2 and Ward No.160, Panthrapalya Village, Kengeri Hobli, Bangalore South Taluk, Bangalore Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 40 Crores.

- 1. Land details:** - Total Plot area is 5766.72 Sq.mts. Area relinquished for road widening is 190.49 Sqm. The net site area is 5576.23 Sqm.

2. The proposed project consisting of LB + UB + GF + 7UF + Club house + Terrace floor with 140 units and Total Built up area is 25,628.56 Sqm. Ht. of Building is 24.00 M.
3. **Land use details:**

Total plot area	- 5766.72 Sqm
Built up area	-25628.56 Sqm
Landscape area	-883.59 Sqm (15.32%)
Paved area	-49.81 Sqm
Ground coverage	-1938.53 Sqm (33.62%)
Drive way area	- 2704.03 Sqm
Road widening area	- 190.49 Sqm

FAR permissible is 3.25 and achieved is 2.83 (there is discrepancy between form – 1A & conceptual plan drawing)
4. **Excavated Earth Management:** - Total Excavated Earth is 11766.90 m³
 Back Filling in Footings - 3530.07 m³
 Back filling for retaining wall - 5147.22 m³
 For Landscaping - 389.52 m³
 Filling for internal roads – 2700.09 m³
5. **Water Requirement:** Total water requirement is 97.65 KLD (Fresh water 66.15 KLD + Flushing water 31.50 KLD). The source of water is BWSSB. Copy of NOC not submitted.
6. **Wastewater Management:** - The total quantity of waste water generated is 83 KLD and treated is proposed STP of design capacity of 100 KLD with SBR Technology.
7. **Solid Waste Management:** Total waste generated in the project is 280 Kg/day; where 168 kg/day is the biodegradable waste and 112 kg/day is non biodegradable waste.
8. **Energy Requirement:** Total power requirement of 630 KVA is sourced from BESCOM; Backup power proposed is DG set of 2 X 450 KVA. Total Energy savings from the project is %.
9. **Traffic Details:** The approach road in front of the project site is 32.02m wide. Traffic details not submitted. Parking proposed: 224 Nos.
10. **Environment sensitivity:** EMP Submitted.
11. **Other details:** Rain water Harvesting will be implementing with roof rain water collection sump of capacity 70 cum and also provided 9 no's of recharge pits with a capacity of 3.00 cum.
12. Base line data details not submitted.
13. **Environmental Sensitivity details:**
 - a) Nayandahalli Lake – 0.15 Km (NW)
 - b) Vrushabavathi Nala - 0.33 Km (SE)
 - c) Bannerghatta National Park – 5.20 Km (S)

The proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification and additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of the following information.

1. NOC from BWSSB.
2. Drain details and cross section of the road existing in the front and back side of the project site showing all the details.
3. Detailed earthwork excavation (discrepancy between form-1 & presentation to be clarified).

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.26 "PRESTIGE VERDANT VISTA", Residential Development Project at R.S.No.62-1A (as per RTC 62-1P1), Sy.Nos.275/1 (P), 275/2B & 275/4 of Kadri B Village, Mangalore Taluk, Dakshina Kannada District of M/s. Prestige Estates Projects Ltd., 'The Falcon House', No.1, Main Guard Cross Road, Bengaluru – 560 001.(SEIAA 45 CON 2016)

M/s. Prestige Estates Projects Ltd, have applied for Environmental clearance from SEIAA for their proposed development of "PRESTIGE VERDANT VISTA", Residential Development Project at R.S.No.62-1A (as per RTC 62-1P1), Sy.Nos.275/1 (P), 275/2B & 275/4 of Kadri B Village, Mangalore Taluk, Dakshina Kannada District under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 31.08 Crores.

1. **Land details:** - Total Plot area is 7274.88 Sq.mts. Area proposed for road widening is 52.78 Sqm. The net site area is 7222. 01 Sqm.
2. The proposed project consisting of 3B + GF + 26UF with 97 units and a club house. Total Built up area is 26,671.20 Sqm. Ht. of Building is 85.05 M. There is a discrepancy in drawings submitted. In one drawing it was mentioned that there are two towers with tower 1 comprising 2B+G+25UF and ht. Of building 82.40 m & tower 2 comprising 2B+G+24UF and ht. Of building 79.15 m and two club houses @ 2nd floor with ht. Of the building 11.75 m. In the plumbing layout drawing, it was written as 2B+G+26 UF with ht. of building 85.05 m & two club houses @ first floor with total ht. of building 11.75 m. In another drawing, it was written as 3B + G + 26 UF with ht. of building as 85.05 m.

3. Land use details:

Total plot area	- 7274.88 Sqm
Road widening area	- 52.78 Sqm
Net site area	- 7222.10 Sqm
Ground coverage	-2525.00 Sqm (34.96%)
Built up area	-26671.20 Sqm
Landscape area	-2202.74Sqm (30.50%)

Paved area (fire Driveway & surface) -2404.53 Sqm (34.54%)

FAR permissible is 2.5 and achieved is 2.48

4. **Excavated Earth Management:** - Total Excavated Earth - 9200 m³
 Back Filling in Foundation - 2700 m³
 For Landscaping - 2300 m³
 For road formation - 1700 m³
 For filling on terrace land scape - 500 m³
 Balance left - 2000 m³
5. **Water Requirement:** Total water requirement is 69 KLD (Fresh water 47 KLD + Recycled water 22 KLD). The source of water is MWSSB. Copy of NOC not submitted.
6. **Wastewater Management:** - The total quantity of waste water generated is 62.10 KLD and treated is proposed STP of design capacity of 65 KLD with SBR Technology.
7. **Solid Waste Management:** Total waste generated in the project is 250 Kg/day; where 150 kg/day is the biodegradable waste and 100 kg/day is non biodegradable waste.
8. **Energy Requirement:** Total power requirement of 883 KW is sourced from MESCOM; Backup power proposed is DG set of 1 X 500 KVA & 1 x 250 KVA. Total Energy savings from the project is 19.34 %.
9. **Traffic Details:** Traffic details not submitted. Parking proposed: 200 Nos.
10. **Environment sensitivity:** EMP Submitted.
11. **Other details:** Rain water Harvesting will be implementing with roof rain water collection sump of capacity 15 cum and also provided 6 no's of recharge pits with a capacity of 3.50 cum.
12. Base line data details not submitted.
13. **Environmental Sensitivity details:**
 - a) Nethravathi River – 5.20 Km

The proponent has submitted the revised drawings vide letter dated 06.05.2016.

The proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification and additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of the following information.

1. Soil analysis report to be reassessed since there exists lateritic type of soil whereas analysis is done considering clayey soil.
2. Air Quality analysis should be monitored for 24 Hrs instead of 8 Hrs in all future studies of NAAQ as per the CPCB norms.
3. Scheme of removal of oil from car wash waste water.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.27 Building Stone Quarry Project at Sy.No.240 of Kalingeri Village, Sandur Taluk, Bellary District (5.89 Ha) (14.55 Acres) of Sri B Ashok Kumar S/o. Sri B. Sheshanna Shetty, Yeshwanth Nagar, Sandur Town & Taluk, Bellary District-583119. (SEIAA 101 MIN 2016)

This is a new proposal submitted by Sri B Ashok Kumar, seeking Environmental clearance for quarrying of building stone in an area of 5.89 Ha (14.55 Acres) at Sy.No.240 of Kalingeri Village, Sandur Taluk, Bellary District. It is a Government Revenue land.

The quarry plan has been prepared by RQP Sri. Pramod S Ritti and approved by Deputy Director, Dept. of Mines & Geology, Hospet.

The proponent submitted the following information:

1. Pre-feasibility report along with the EMP.
2. DMG Notification dated 14.05.2014.
3. Approved quarry plan dated 20.11.2014.
4. NOC from Tasildar, Sandur taluk dated 28.06.2013; NOC from Range Forest Officer, Kudligi dated 18.07.2013 submitted.

Land Use Plan: As per the approved quarry plan out of 14.55 Acre 6.25 Acre is for area to be excavated; 1.00 Acres is for overburden dumps; 1.00 Acres area is for mineral storage/crushing; 0.20 Acres is for roads; 0-10 Acres is for infrastructure; 1.95 Acres is for green belt; 0.10 Acres is for others (Parapet walls, settling tank) and 3.95 Acres area is for untouched area. Proposed saleable production is 5,00,000 Tons for five year.

The proponent was invited for the meeting of SEAC to provide required information/clarification. The proponent remained absent with intimation.

The Committee decided to defer the subject providing one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

164.28 Green Granite Quarry Project at Sy.Nos.163 & 10 of Savasihalli-Vaddarahalli Village, Belur Taluk, Hassan District (5.51 Ha) (13.25 Acres) (QL No.591) of M/s. Mysore Minerals Limited, H.Tippeswamy, AGM (EQ), BMTC, TTMC Building 'A' Block, 5th Floor, Shantinagar, Bangalore – 560027 (SEIAA 104 MIN 2016)

This is an existing proposal submitted by M/s. Mysore Minerals Limited, H.Tippeswamy, AGM (EQ), seeking Environmental clearance for quarrying of Green Granite in an area of 5.51 Ha (13.25 Acres) at Sy.Nos.163 & 10 of Savasihalli-Vaddarahalli Village, Belur Taluk, Hassan District. It is a Government land.

The quarry plan has been prepared by RQP Sri. K. Raviprakash and approved by Deputy Director, Dept. of Mines & Geology, Bangalore.

The proponent submitted the following information:

1. Pre-feasibility report along with the EMP.

2. The quarry lease was granted on 18.06.2003 for ten years.
3. Approved quarry plan dated 03.04.2014.

Land Use Plan: As per the approved quarry plan out of 5.51 Ha, 1.68 Ha is for working; 1.00 Ha is for Waste dumps; 0.50 Ha is for mineral stock yard; 0.50 Ha is for roads; 0.02 Ha is for infrastructure; 1.01 Ha is for green belt and 0.80 Ha Acres area is for unutilized area. Proposed saleable production is 5,775 Cum. for five years.

The Proponent and the RQP/Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, approved mining plan and clarification/information provided during the meeting. The committee observed that, the consultants are based in Delhi and all their laboratories are established in Delhi and the consultant informed the committee that, they are bringing equipments from Delhi to the work place and tests and analysis will be conducted at site only. The committee asked the consultant to submit all the log details regarding transportation of equipments from Delhi to work spot. Also, in the analysis, it was reported that, tests are conducted after 5 to 8 days of collection of samples which is not correct.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of the following information.

1. Log details of transportation of equipments from Delhi to work spot.
2. Only locally available species are to be planted in the green belt area.
3. EMP budget is to be revised incorporating provision of garland drain, fencing, fire protection, etc.,
4. Base line data analysis is to be revised.
5. Top soil management.

The Committee also decided to recommend the proposal imposing the following conditions in addition to the Standard Conditions that are being imposed;

1. Safe drinking water has to be provided at the quarry site.
2. The project proponent shall construct the compound wall all along the lease boundary
3. Dust suppression measures have to be strictly followed.
4. Project Proponent to plant fruit yielding and shade bearing tree species namely Pongamia pinnata (Honge), Jatorpha, Ficus religiosa (Arali) Ficus bengahalensis as agreed by project proponent on the day of meeting in the areas outside the lease.
5. Project Proponent shall prevent damage to adjoining government land from fire due to activities during quarrying operation.
6. Haulage approach road should not be through villages till the main road is reached.
7. As agreed by Project Proponent plantation to an extent of 33% in the project area has to be carried out.

8. The drilling machines Employed shall be fitted with dust extraction unit while undertake quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.29 Building Stone Quarry Project at Sy.No.78 of Molakalmuru Village, Molakalmuru Taluk, Chitradurga District (15-0 Acres) of Sri Sajesh Bharathan, Heggala Village, Virajpet Taluk, Coorg District. (SEIAA 107 MIN 2016)

This is a new proposal submitted by Sri Sajesh Bharathan, seeking Environmental clearance for quarrying of building stone in an area of 15-00 Acres at Sy.No.78 of Molakalmuru Village, Molakalmuru Taluk, Chitradurga District. It is a Government Gomala land.

The quarry plan has been prepared by RQP N. Sham Sunder and approved by Deputy Director, Dept. of Mines & Geology, Chitradurga.

The proponent submitted the following information:

1. Pre-feasibility report along with the EMP.
2. DMG Notification dated 17.08.2015.
3. Approved quarry plan dated 04.12.2015.

Land Use Plan: As per the approved quarry plan out of 6.70 Ha, 2.590 Ha is for Area to be excavated; 0.015 Ha is for mineral storage; 0.70 Ha is for roads; 0.10 Ha is for infrastructure; 0.100 Ha is for others (Parapet walls, settling tank) and 3.285 Ha is for undisturbed area. Proposed saleable production is 8,06,736 Tons for five year.

The Proponent and the RQP/Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, approved mining plan and clarification/information provided during the meeting.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance.

The Committee also decided to recommend the proposal imposing the conditions as at 164.28 in addition to the Standard Conditions that are being imposed;

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.30 River Sand Mining Project in Tungabhadra River Aralahalli Block-1 at Sy.No.198 of Aralahalli Village, Hospet Taluk, Bellary District (18.53 Acres) (7.50 Ha) of District Sand Monitoring Committee Bellary (SEIAA 108 MIN 2016)

This is a proposal submitted by Member Secretary, District Sand Monitoring Committee, Bellary District seeking Environmental Clearance for River Sand Mining at

Tungabhadra River Aralahalli Block-1 at Sy.No.198 of Aralahalli Village, Hospet Taluk, Bellary District (18.53 Acres) (7.50 Ha). Avg production capacity of mining is 37,926 TPA. Depth of mining is 0.60 m from the surface.

The Proponent and the RQP/Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application, Form I, Pre Feasibility Report, approved quarry plan and clarification provided during the meeting. The proponent informed that, they have identified the land for stock yard and there are no villages nearby.

The Committee after discussion decided to recommend the proposal for issue of EC with the standard conditions that are being imposed for sand quarrying in the River bed.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

164.31 River Sand Mining Project in Tungabhadra River Itagi Block-2 at Sy.No.319 of Itagi Village, Hospet Taluk, Bellary District (16.06 Acres) (6.50 Ha) of District Sand Monitoring Committee Bellary (SEIAA 109 MIN 2016)

This is a proposal submitted by Member Secretary, District Sand Monitoring Committee, Bellary District seeking Environmental Clearance for River Sand Mining at Tungabhadra River Itagi Block-2 at Sy.No.319 of Itagi Village, Hospet Taluk, Bellary District (16.06 Acres) (6.50 Ha). Avg production capacity of mining is 32,869 TPA. Depth of mining is 0.60 m from the surface.

The Proponent and the RQP/Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application, Form I, Pre Feasibility Report, approved quarry plan and clarification provided during the meeting. The proponent informed that, they have identified the land for stock yard and there are no villages nearby.

The Committee after discussion decided to recommend the proposal for issue of EC with the standard conditions that are being imposed for sand quarrying in the River bed.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Additional Agenda for 164th Meeting of SEAC scheduled to be held on 11th and 12th May 2016

12th May 2016

164.32 Pink Granite Quarry Project at Sy. No. 296/1B/1 of Balkundi Village, Hungund Taluk, Bagalkot District (20.942 Ha) (51-30 Acres) of M/s Bharat Timber & Construction.Co., Post Box No. 47, Next to Electric Grid, Karwar Road, Hubli – 580024. (SEIAA 160 MIN 2016)

This is an existing proposal submitted by M/s Bharat Timber & Construction.Co., seeking Environmental clearance for quarrying of Pink Granite in an area of 20.942 Ha (51.30 Acres) at Sy. No. 296/1B/1 of Balkundi Village, Hungund Taluk, Bagalkot District. It is a patta land.

The quarry plan has been prepared by RQP Sri. N. Sham Sundar and approved by Deputy Director, Dept. of Mines & Geology, Bangalore.

The proponent submitted the following information:

1. Pre-feasibility report along with the EMP.
2. Approved quarry plan dated 09.03.2016.

Land Use Plan: As per the approved quarry plan out of 20.942 Ha, 9.060 Ha is for to be excavated; 5.170 Ha is for over burden dumps; 0.020 Ha is for mineral stock yard; 1.050 Ha is for roads; 0.120 Ha is for infrastructure; 0.800 Ha is for green belt and 0.300 ha is for others (Parapet walls, settling tank) and 4.422 Ha Acres area is for undisturbed area. Proposed saleable production is 31,000 Cum. for five yars.

Note: A compliant has been received from M/s. Manjunath Overseas Granite Limited vide letter dated 12.04.2016 against this application to not to approve this project for Environmental Clearance.

The Proponent and the RQP/Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, approved mining plan and clarification/information provided during the meeting. Regarding the complaint of M/s Manjunath Overseas Granite Limited, the committee observed that, the quarry area of 1.20 acres allotted to them is not reflected on the present approved quarry plan and hence, the committee decided to ignore the complaint. However, case OS No. 3/06 & RA No. 97/2014 are still pending in the High court. Pending final judgment, the committee has appraised the proposal and the decision is binding to the final judgment of the cases pending in the High court.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance.

The Committee also decided to recommend the proposal imposing the conditions as at 164.28 in addition to the Standard Conditions that are being imposed;

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Subject taken with the permission of the Chair**164.33 Expansion of Office complex project at Sy. Nos. 22/1A, 22/2, 25, 29, 33/2 & 35, Katha No. 169/1 of Kadubeesanahalli Village, Varthur Hobli, Outer Ring Road, Bangalore East Taluk, Bangalore Urban District of M/s. Oracle India Private Limited (SEIAA 120 CON 2015)**

M/s. Oracle India Private Limited, have applied for Environmental clearance from SEIAA for Expansion of office Complex at Sy. Nos. 22/1A, 22/2, 25, 29, 33/2 & 35, Katha No. 169/1 of Kadubeesanahalli Village, Varthur Hobli, Outer Ring Road, Bangalore East Taluk, Bangalore Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost = Rs. 865.00 Cr.

Land details: - Total Plot area is 55,616.97 Sq.mts. The proposed project comprises 3 blocks, Block1- 2B+Stilt+9UF with a height of 41.65m, Block2- 3B+G+9UF with a height of 41.65m, Block3- 3B+G+9UF with a height of 37.45m, Amenities Block -3B+Stilt+6UF with a height of 33.25 with Total Built up area of 270254.79 Sq.mts

Landscape area (proposed): 9825.00 Sq.mts (22.73 %)

Water Requirement: Total water requirement is 842 KLD. The source of water is BWSSB. NOC from BWSSB submitted.

Wastewater Management: - The total quantity of waste water generated is 673 Cum/day and treated is proposed STP of design capacity of 680 Cum/day with SBR Technology.

Excavated Earth Management: - The total Earth work generated = 220000 Cum. All the earth generated will be utilised within the project site for landscaping & road making.

Solid Waste Management: Total waste generated in the project is 4353 Kgs/day; where 2618 kgs/day is the organic waste and 1735 kgs/day is inorganic waste, will be disposed to Vendors/ Recyclers.

Energy Requirement: Total power requirement of 11000 KW is sourced from BESCO; Backup power proposed is DG sets with a capacity of 8X2000 KVA.

Traffic Details: Parking proposed: 3191. Nos.

The Proponent and Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee screened the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, and clarification/additional information provided during the meeting. The committee observed that there is change in the name of the project. Hence the proponent has to submit revised application in this regard.

The Committee after discussion decided to appraise the proposal as B1 as the built up area is more than 1,50,000 Sqm and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional ToR.

1. Increase the green belt area to 33%.
2. Details of karab land to be given.
3. Terrace area to be used for generation of solar energy.
4. Minimise the outflow of treated water.
5. Storm water to be fully utilised.
6. Scheme for utilization of Entire earthwork within the project site only.
7. Hydrological study of the surface area considering about 10 Sq. Km.
8. Explore the possibility of providing fire escape chutes.
9. Solar power generation and construction of eco pond

Accordingly ToR was issued on 10.09.2015.

The proponent submitted the EIA report vide letter dated 29.01.2016.

The Proponent and Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, EIA report and clarification/additional information provided during the meeting. The committee observed that there is a discrepancy in the ToR presented and EIA presentation. The committee observed the following points during the presentation:

1. As per application and ToR presentation, total plot area was 55,616.97 Sqm and in the EIA presentation 55,390.75 Sqm (reduction in the plot area of 226.22 Sqm)
2. As per application and ToR presentation the built up area was 270254.79 Sq.mts and in the EIA presentation it is shown 2,74,376.64 Sqm
3. As per application and ToR presentation the configuration comprises 3 blocks, Block1- 2B+Stilt+9UF with a height of 41.65m, Block2- 3B+G+9UF with a height of 41.65m, Block3- 3B+G+9UF with a height of 37.45m, Amenities Block -3B+Stilt+6UF with a height of 33.25. But in the EIA presentation it is changed to Block A – 2B+G+9 UF+TF with a ht of 42.675 m; Block B – 3B+G+9UF+TF with a ht of 42.675 m; Block C – 3B+G+9 UF+TF with a ht of 42.675 m; Block D Amenities block – 3B+Stilt+8UF+TF with a ht of 38.475 m and Utility Block (Block –E) – B+G+1UF with a ht of 8.95 m.
4. There is a discrepancy in the earth work calculation in the Form 1 and EIA presentation.
5. There is a nala flowing in the project site and the proponent informed that they are diverting the nala with the permission of the storm water management authority
6. Quantification of the terrace area available for harnessing solar energy not complied
7. Hydrological study of the area influencing the surface water flow considering the micro shed area where the project site is located is not carried out
8. The compliance for providing fire escape chutes is not acceptable

9. The proponent is providing the eco pond but the eco pond design, capacity and monitoring protocols not submitted

The committee after discussion decided to reconsider the proposal after submission of the following information:

1. Comparative statement between the changes in ToR presented and EIA presentation along with justification.
2. Detailed excavated earth calculation and its utilization within the project site
3. Permission from the competent authority for diverting the nala which is flowing in the project site
4. Quantification of the terrace area available for harnessing solar energy
5. Hydrological study of the area influencing the surface water flow considering the micro shed area where the project site is located
6. Provision for providing fire escape chutes
7. Eco pond design details with monitoring protocol.
8. List of tree species proposed to plan with native species and fruit yielding.

The proponent has submitted the reply vide letter dated 09.03.2016.

The committee perused the reply submitted by the proponent and observed the following points:

1. Justification and Comparative statement between the changes in ToR presented and EIA presentation given is not convincing.
2. Hydrology study is not properly carried out
3. Detailed excavated earth calculation and its utilization within the project site is not properly done
4. Eco pond design details with monitoring protocol submitted is not convincing.

The committee after discussion decided to recall the proponent after submission of the following information:

1. Comparative statement between the changes in ToR presented and EIA presentation along with justification.
2. Hydrology study to be carried out taking in to consideration of micro and mini water shed area where the project site is located and also maximum flood discharge considering the maximum rain fall accordingly the capacity of the existing drain details to be given
3. Detailed excavated earth calculation and its utilization within the project site along with break up calculation
4. Eco pond design details with periodical monitoring protocol

The proponent has submitted the reply vide letter dated 18.04.2016.

The proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification and additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee observed that, there is a road/nala is passing through the site and the proponent has requested the district authorities to divert the same to the boundary of the proposed project site and accordingly the concerned authorities have shifted the alignment of the road/nala to the boundary of the site. As per the latest NGT order, minimum 25 m buffer is to be left from the edge of the nala and accordingly conceptual plan is to be revised and submitted.

The Committee after discussion decided to reconsider the proposal after the submission of the following information.

1. Revised conceptual plan based on NGT order.
2. An undertaking to utilize the bricks made out of excavated earth for construction within the site and also for their own other projects.

Action: Secretary, SEAC to put up the proposal to SEAC after the submission of the above information.

Meeting ended with thanks to the Chair.

Secretary, SEAC
Karnataka

Chairman, SEAC
Karnataka