

# **Proceedings of the State Environmental Clearance Committee (SECC) Meeting held on 06.07.2011 under the Chairmanship of the Principal Secretary to Government, Forest, Ecology and Environment Department**

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**Members present:** As in the Annexure (Enclosed)

The Principal Secretary to the Government, Forest, Ecology and Environment Department and the Chairman of the SECC welcomed the members of the Committee to the meeting and took up the subjects for discussion as per the agenda.

## **SUBJECTS FOR ENVIRONMENTAL CLEARANCE**

**Agenda No. 3.1(31): M/s. Southern Batteries Pvt. Ltd(Unit II), FEE 23 ECO 2009**

M/s. Southern Batteries Pvt. Ltd. (Unit II), have submitted the application for environmental clearance for expansion of the production of lead acid batteries from 40,000 Nos/A to 1,20,000 Nos/A at No. 328, Bommasandra Jigani Link Road, Industrial Area, Jigani Anekal Taluk, Bangalore -562 106. The KSPCB has issued CFE to the industry on 11.02.2008.

The subject was placed in the SECC meeting held on 09.06.2011 and the subject was deferred as the proponent was absent.

### **IMPACT OF LEAD CONTAMINATION**

- Lead (Pb) and some of its chemical compounds are virtually ubiquitous in the environment. Lead compound can be found in air, water, soil as well as in the food that we consume.
- The major sources lead is from petrol and battery recycling and other industries using Pb as one of the chemical component. Lead is used in over 200 industries including those involved in storage and manufacture of batteries, glass manufacture, ship building, printing and potteries etc., Lead poisoning may occur through ingestion, inhalation or absorption of lead compounds. Infants, children below 6 years and pregnant women are more vulnerable to the effects of lead than others. Lead poisoning is the number one environmental disease among children in developing countries.

### **Effects on the body**

- Exposure to high levels of lead can cause vomiting, diarrhea, convulsions, coma or even death. Anemia is common and damage to the nervous system may cause impaired mental functions. Other symptoms are appetite loss, abdominal pain, constipation, fatigue, sleeplessness, irritability and headache. Continued excessive

exposure as in an industrial setting can affect the kidneys. In children, even low level exposure may cause subencephalopathic neurological and behavioral effects on the central and peripheral nervous system leading to deficiencies in intellectual development, growth and hearing of infants along with impaired cognitive performance and behavioural changes. It shows up as low intelligence quotient (IQ), hyper-activity, lack of attention and learning disabilities among children.

- In a survey conducted by Veena Kalra in 1998 from AIIMS Delhi on school children it was observed that the IQ level of children with low blood lead was higher as compared to those having high blood lead. IQ decrements are associated with increasing blood lead levels, a relationship that is clear above 10 µg/dl. The magnitude of the adverse effect on the IQ, as assessed at 4 years and above is a deficit between 0 and 5 points for each 10 micrograms/decilitre (µg/dl) increment in blood lead level. An association between blood lead level and hypertension (Blood pressure) has also been reported in this study. The likely order of magnitude is that for a two-fold increase in blood lead level, e.g. from 17 to 34 µg/dl there would be a mean increase in systolic blood pressure 1 mmHg. The association with diastolic pressure is of a similar but smaller magnitude. The load of lead in the air becomes apparent in blood samples taken from youngsters.
- With around 40 µg/dl, Bangalore's lead scenario is among the worst in the country, according to Dr.T.Venkatesh, Director of the National Referral Centre for Lead Poisoning in India (NRCLPI) at St.John's Medical College Hospital. About 15 years ago only 16% of Bangalore's pre-teens showed lead contents of more than 10 µg/dl, today their share has increased to over 40%.
- Bangalore has large, unorganized groups of battery recyclers who buy from individual vehicle-owners. The Environment Ministry's new rules that lead acid batteries should be returned to registered manufacturers are yet to be fully implemented. Unorganised recyclers are often beyond the control of the Pollution Control Board.
- The five-year project lead free started by the George Foundation with St.John's National Institute of Health Sciences and supported by Admiral O.S.Dawson was started in the year 1997. The National Referral Centre for Lead Poisoning Prevention in India (NRCLPI), a non-profit organization, was set up at Bangalore with the objective of gradually spreading the message among manufacturers, policy-makers and the lead-user chain. NRCLPI, through the State Level Referral Centre, creates awareness, conducts blood tests and consults with lead-based industries to reduce lead contamination. The National Referral centre has launched an awareness campaign and a database for Anekal Taluk, which, along with Mangalore, is a centre of lead industries. The battery industry has also woken up to the cause. The National Referral Centre is coordinating with Exide, Amara Raja and other manufacturers and has mooted a six-monthly screening of blood samples of their workers.

- NRCLPI encourages college students to take up short term research projects on lead. In the recent past students from various colleges in Bangalore have undertaken such projects with the following results:
- Students from NMKRV College studied the prevalence of lead poisoning among children studying in 2nd, 3rd and 4th standard aged 6-8 years in Government Model Primary School, Byramangala village of Bangalore. Results showed that 10% of the children had blood lead levels greater than 10 µg/dl.
- Results of a study by students from MEs College showed that soil samples from near Ragigudda Temple in south Bangalore contained lead levels of 115 µg/dl. They also demonstrated the harmful effects of lead on guppy fish following the immersion of water and oil painted Ganesha idols. However, in this case, the immersion of clay Ganeshas idols. However, in this case, the immersion of clay Ganeshas did not result in any harmful effect on the fish. A large numbers of Ganesha idols are immersed in Bangalore's tanks during the annual Ganesha Chaturti celebrations. This tradition contributed to the pollution of water bodies, increasing particularly the levels of lead.
- Students from Jyoti Nivas College studied the lead content of water samples in Bangalore from residential areas (Koramangala and BTM Layout) along samples from lakes (Ulsoor, Madivala and Agara). They also included Tilaknagar to represent an area with potential occupational exposure as it has a number of battery recycling units. In residential areas samples from municipal supply were well within the permissible limits but more wells showed higher lead levels, ranging from 11 to 30 µg/dl. The lead content in water from Tilaknagar area was highest with 33.8 µg/dl. Among the lakes, Madivala showed noticeably high lead levels.
- Students from Vivekananda Degree College, Peenya studied the effect of lead on employees working in the paint industry and found that the blood lead levels among the workers in that factory ranged from 9.4-26.7 µg/dl.
- Students from Government Science College undertook a study to quantify metallic lead in plants.
- Coriander samples collected from City Market also showed lead concentration above permissible limits. On enquiry, the coriander was traced to Hoskote, Malur and Ganjam near Srirangapatna with the Ganjam samples showing the highest lead levels of 24.3 mg/kg of dry plant mass. On field samples of other green leafy vegetables collected from areas surrounding Byramangala lake and Varthur lake showed lead levels within permissible limits.
- HAWA-GTZ carried out a study on the potential occupational health impact of lead on informal e-waste recyclers. The study shows lead values in the air ranging from 50-75 µg/m<sup>3</sup> for 8 hr TWA (time weighted average) sampling against

permissible limit of 30 µg/m<sup>3</sup> and respirable particulate matter (RSPM) as high as 220 µg/m<sup>3</sup> for 8 hour TWA as against the permissible limits of 50 µg/m<sup>3</sup>. The study also reveals associated health effects among workers in the units studies which is clearly indicative of occupational risks associated with e-waste recycling (Malkan Mussarath et al 2007).

- The above studies show that environmental contamination of lead in and around Bangalore is a serious threat to the health of citizens of BMR.
- The Bangalore status report 2008 highlights that Bangalore which was pensioners paradise earlier became silicon valley. IT hub and then to pub city and now because of high lead concentration, it is going to achieve the dubious distinction of 'Lead city'.
- In view of high concentration and lead in and around Bangalore, expansion or new industries leading to use of lead is not desirable.

The project proponent was absent. The issue was discussed in detail. The Committee decided to obtain the technical report from KSPCB based on analysis of air, water & soil samples, 20 samples from the project site and another 20 samples collected around 1 Km radius from the boundary of the industry. The samples shall be analysed in the KSPCB laboratory and result submitted with details of concentration of lead in air, water & soil in project site and in Peenya Industrial area for taking a conscious decision in the matter.

The Committee also decided to obtain the following information from the project proponent:-

1. Plan of action to recycle full quantity of waste water.
2. Action plan adopted for collection and disposal of reused batteries/buy back plan.
3. Details of green belt developed/tobe developed with photographs.
4. Specific social commitment plan with details of the work proposed, place, budget allocated and time frame.

The Committee further decided to consider this project after obtaining the above informations from the project proponent.

**Agenda No. 3.2(32): M/s. Indian Sugars Manufacturing Company,  
FEE 68 ECO 2010**

M/s. Indian Sugars Manufacturing Company, have submitted the application for environmental clearance for Establishment of 2500 TCD sugar plant and 9 MW Co-generation power plant Havinal Village, Indi Taluk, Bijapur District with an investment of Rs.4,933.00 lakhs.

The subject was placed in the SECC meeting held on 09.06.2011 and the subject was deferred as the proponent was absent.

The project proponent was not present in the meeting. The Committee perused the project. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. Inspection report from the Regional Director (Environment), Gulbarga.
2. Land records
3. Conset for Establishment issued by KSPCB.
4. Toposheet.
5. Permission obtained from the Water Resources Department.
6. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame.

The Committee further decided to consider this project after obtaining the above informations from the project proponent.

**Agenda No. 3.3(33): M/S. Sartorius Stedim India Pvt. Ltd., (FEE 41ECO 2010)**

M/S. Sartorius Stedim India Pvt. Ltd., have submitted the application for environmental clearance for Establishment of Expansion of the existing industry to increase the producton of Flat membrane filters from 2 Lakhs/annum to 20 Lakhs/annum, Assembly of ultra pure water systems of capacity 1200 Nos./ annum, R&D Activity in cell culture lab, Application Lab & fermentation of K.lactis/E-Coli to establish new STP of capacity 30 KLD & installation of additional DG sets of 380 KVA, 200 KVA 180 KVA at Sy. No. 69/2 & 69/3, Jakkasandra, Kunigal road, Nelamangala Taluk, Bangalore. with an investment of Rs. 2300 Lakhs. The KSPCB has issued CFE on 29.12.2009.

The subject was placed in the SECC meeting held on 09.06.2011 and the subject was deferred as the proponent was absent.

The project proponent present in the meeting explained the project. The Committee suggested to proponent not to send the waste water but recycle & reuse the wastewater in house only. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. Bio-safety plan.
2. Plan of action for inhouse disposal of waste water (forced evaporation etc.,)
3. Water balance chart showing the details of recycle of water.
4. Commitment letter with regard to contribute of Rs.1.00 lakh to Bannerghatta Biological National Park towards corporate Social Commitment Plan.

The Committee further decided to issue environmental clearance to the project with the following conditions after receipt of the above information from the project proponent.

**I). The project proponent shall abide by the following conditions:**

1. Strictly follow the CFE/CFO conditions issued by the KSPCB.
2. Strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.
3. Dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
4. Adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
5. Earmark minimum 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auriculiformis, Mahogany, Madhuka indica, Silver oak, Pongamia, Simaruba glauca etc within 6 months and submit compliance report.
6. Scientifically dispose the wastes generated in the project such as waste gear/lubricating oil, batteries etc., strictly as per rules.
7. Provide sanitary facilities such as sufficient number of toilets/bathrooms/septic tank/soak pits for the employees of the project.
8. Comply with all the environmental protection measures incorporated in the EMP.
9. Obtain all other statutory clearances /permissions required to be taken by the company
10. Submit six monthly compliance report to these conditions to the Department without fail.
11. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
12. The project proponent shall also maintain the road from project site to main road.
13. If the built up area exceeds 20,000 Sq.mtrs then the project proponent should approach SEIAA for environmental clearance.
14. The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

**II). General Conditions:**

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. The Department of Environment and Ecology, Government of Karnataka and the Regional Office, KSPCB will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management

- Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.
  4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
  5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.
  6. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.
  7. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
  8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
  9. Measures shall be taken for control of noise levels below 85 dBA in the work environment.
  10. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
  11. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
  12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  13. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
  14. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

**Agenda No. 3.4(34): M/s. SKF Technologies India Pvt. Ltd., FEE 22 ECO 2010**

M/s. SKF Technologies India Pvt. Ltd., have submitted the application for environmental clearance for Expansion of Elastomeric Seals (Oil Seals-Rubber & Rubber to metal bonded seals) from 45 Million pieces/annum to 125 million pieces/annum at No.13/5, Singasandra Village, 13 KM, Hosur Road, Bangalore with an investment of Rs. 35,26,08,077.00. The KSPCB has issued Consent for expansion on 24.04.2009. The project has obtained EC for 45 million pieces/year vide No. FEE 130 ECO 2004 dated 04.07.2008.

The subject was placed in the SECC meeting held on 09.06.2011 and the subject was deferred as the proponent was absent.

The project proponent was not present in the meeting. The Committee perused the project. The Committee suggested the proponent to recycle & reuse the wastewater. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. Environmental Management Plan.
2. Details of solvent recovery system.
3. MoU between Industry and authorized dealers for disposal of solid waste and hazardous waste.
4. Greenbelt schematic plan.
5. Onsite emergency plan approved by Factories and Boilers Department.
6. NoC from Central Ground Water Authority.

The Committee further decided to consider this project after obtaining the above informations from the project proponent.

**Agenda No. 3.5(35): M/s. Kar Mobiles Ltd.,**

M/s. Kar Mobiles Ltd., has applied for environmental clearance to manufacture internal combustion valves at #26, 1<sup>st</sup> Phase, Peenya Industrial Area, Bangalore on 13.12.2005.

The subject was placed in the SECC meeting held on 09.06.2011 and the subject was deferred as the proponent was absent.

The project proponent was not present in the meeting. The Committee discussed the project. After deliberation, the Committee decided to obtain the inspection report of status and compliance to the CFE/CFO condition from the KSPCB. If the industry is not following pollution control norms, then KSPCB to take action and close the industry.



**Agenda No. 3.6(36): M/s. Imperial Cancer Hospitals & Research Center Ltd.,  
FEE 60 ECO 2011**

M/s. Imperial Cancer Hospitals & Research Center Ltd., have submitted the application for environmental clearance for increase the bed strength from 100 to 250 beds at No.154/11, Opp IIM, Bannerghatta Road, Bangalore-560 076 with an investment of Rs.18,278.84 Lakhs. The KSPCB has issued CFE on 29.08.2008.

Environmental clearance has been issued for 100 beds vide letter No. FEE 245 ECO 2006 dated 30.08.2007 for 100 bed.

The project proponent present in the meeting explained the project. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. Compliance to CFE issued by the KSPCB.
2. Plan of action for disposal of infectious liquid waste.
3. Land use details (Total built up area).
4. Details of greenary plan.
5. Plan of recycling of water.
6. Details of disposal of Bio-medical waste.
7. Details of radio-active material & its safe disposal.
8. Commitment with regard to free health service provided to the poor people.

The Committee further decided to issue environmental clearance to the project with the following conditions after receipt of the above information from the project proponent.

**I). The project proponent shall abide by the following conditions:**

1. Strictly follow the CFE/CFO conditions issued by the KSPCB.
2. Strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.
3. Dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
4. Adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
5. Earmark minimum 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auriculiformis, Mahogany, Madhuka indica, Silver oak, Pongamia, Simaruba glauca etc within 6 months and submit compliance report.
6. Scientifically dispose the wastes generated in the project such as waste gear/lubricating oil, batteries etc., strictly as per rules.
7. Provide sanitary facilities such as sufficient number of toilets/bathrooms/septic tank/soak pits for the employees of the project.

8. Comply with all the environmental protection measures incorporated in the EMP.
9. Obtain all other statutory clearances /permissions required to be taken by the company
10. Submit six monthly compliance report to these conditions to the Department without fail.
11. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
12. The project proponent shall also maintain the road from project site to main road.
13. If the built up area exceeds 20,000 Sq.mtrs then the project proponent should approach SEIAA for environmental clearance.
14. The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

## **II). General Conditions:**

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. The Department of Environment and Ecology, Government of Karnataka and the Regional Office, KSPCB will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.
4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.
6. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.
7. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.

8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
9. Measures shall be taken for control of noise levels below 85 dBA in the work environment.
10. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
11. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
13. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
14. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

**Agenda No. 3.7(37): M/s. Birla Super Bulk Terminal  
(A Unit of Ultra Tech Cement Ltd.) FEE 76 ECO 2010**

M/s. Birla Super Bulk Terminal (A unit of Ulter Tech Cement Ltd.), have submitted the application for renewal of environmental clearance issued vide letter No. FEE 143 ECO 2004 dated 20.04.2005 for cement storage and packing of capacity 50,000 MTPM at No. 11, Veerapura Village, Near Railway Station, Doddaballapur -561 203, Bangalore Rural Dist.

The KSPCB has issued CFE & CFO for 1,64,340 MT/month on 05.01.2010 & 15.09.2010 respectively. The proponent has not submitted the compliance report to CFE/CFO issued earlier by KSPCB.

The project proponent present in the meeting explained the project. Proponent has agreed to sponser Rs.1.00 lakh to Bannerghatta Biological National Park towards corporate social commitment plan. The proponent shall submit report on Air Ambient in and around plant & greenery developed to arrest fugitive dust emission.

After deliberation, the Committee further decided to issue environmental clearance to cement storage and packing capacity of 1,64,340 MT/month with the following conditions after receipt of the above information from the project proponent.

**I). The project proponent shall abide by the following conditions:**

- 1) Strictly follow the CFE/CFO conditions issued by the KSPCB
- 2) Strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.
- 3) Dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
- 4) Adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
- 5) Earmark minimum 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auriculiformis, Mahogany, Madhuka indica, Silver oak, Pongamia, Simaruba glauca etc within 6 months and submit compliance report.
- 6) Scientifically dispose the wastes generated in the project such as waste gear/lubricating oil, batteries etc., strictly as per rules.
- 7) Provide sanitary facilities such as sufficient number of toilets/bathrooms/septic tank/soak pits for the employees of the project.
- 8) Comply with all the environmental protection measures incorporated in the EMP.
- 9) Obtain all other statutory clearances /permissions required to be taken by the company
- 10) Submit six monthly compliance report to these conditions to the Department without fail.
- 11) The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
- 12) The project proponent shall also maintain the road from project site to main road.
- 13) The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

**II). General Conditions:**

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. The Department of Environment and Ecology, Government of Karnataka and the Regional Office, KSPCB will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.
4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.
6. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.
7. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
9. Measures shall be taken for control of noise levels below 85 dBA in the work environment.
10. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
11. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
13. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
14. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

**Agenda No. 3.8(38): M/s. Kabadi Shankarsa Textiles Ltd., FEE 12 ECO 2011**

M/s. Kabadi Shankarsa Textiles Ltd., have submitted the application for environmental clearance for establishment of new industry to carryout Yarn dyeing of capacity 300 Kg/day and Weaving of capacity 16000 mts/month at Plot No. SW-23 to 26, Apparel Park, II Phase, KIADB Industrial Area, Doddaballapura, Bangalore Rural District. with an investment of Rs.2.62 Crores. The KSPCB has issued CFE on 22.12.2010.

The project proponent present in the meeting explained the project and submitted that CETP is not working in the KIADB Industrial Area, Doddaballapura. The Committee decided to obtain technical report from KSPCB as to know the working status of CETP in the Doddaballapur KIADB area and plan for treatment of effluents. After deliberation, the Committee decided to consider this project based on the KSPCB and KIADB report.

**Agenda No. 3.9(39): M/s. Karanja Industries Pvt. Ltd., FEE 76 ECO 2011**

M/s. Karanja Industries Pvt. Ltd., have submitted the application for environmental clearance for expansion of to increase the production capacity of Kraft Paper from 50 MTPD to 75 MTPD in the existing premises at Sy. No. 104,105,106 & 107 Sindhbandgi Village, Humnabad Taluk, Bidar District with an investment of Rs. 3.5 Crores. The KSPCB has issued CFE on 11.02.2011.

The project proponent present in the meeting explained the project. The Committee suggested the proponent to develop the Greenary in the project. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. MoU between the project proponent and authorized dealers for disposal of Hazardous waste.
2. Plan for development of greenery.
3. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame.

The Committee further decided to issue environmental clearance to the project with the following conditions after receipt of the above information from the project proponent.

**I). The project proponent shall abide by the following conditions:**

1. Strictly follow the CFE/CFO conditions issued by the KSPCB
2. Strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.
3. Dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
4. Adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
5. Earmark minimum 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auriculiformis, Mahogany, Madhuka indica, Silver oak, Pongamia, Simaruba glauca etc within 6 months and submit compliance report.

6. Scientifically dispose the wastes generated in the project such as waste gear/lubricating oil, batteries etc., strictly as per rules.
7. Provide sanitary facilities such as sufficient number of toilets/bathrooms/septic tank/soak pits for the employees of the project.
8. Comply with all the environmental protection measures incorporated in the EMP.
9. Obtain all other statutory clearances /permissions required to be taken by the company
10. Submit six monthly compliance report to these conditions to the Department without fail.
11. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
12. The project proponent shall also maintain the road from project site to main road.
13. The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

## **II). General Conditions:**

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. The Department of Environment and Ecology, Government of Karnataka and the Regional Office, KSPCB will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.
4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.
6. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.

7. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
9. Measures shall be taken for control of noise levels below 85 dBA in the work environment.
10. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
11. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
13. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
14. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

**Agenda No. 3.10(40): M/s. Godrej Tyson Foods Ltd., FEE 70 ECO 2011**

M/s. Godrej Tyson Foods Ltd., have submitted the application for environmental clearance for expansion to increase the processing of chicken from existing 9,00,000 birds per month to 18,00,000 birds per month in the existing premises at Sy. No. 77/1, 83/2, 84/1, Jangamane Kote Road, Doddahullur Village, Hoskote, Bangalore Rural District. with an investment of Rs. 2,236 Lakhs. The KSPCB has issued CFE on 05.02.2011.

The project proponent present in the meeting explained the project. The Committee has discussed about the biological waste, greenary plan, reuse of water. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. Water balance chart showing the minimum 75% of water reused from waste water.
2. The proponent has committed Rs.2.00 lakh to sponser to Bannerghatta Biological National Park toward corporate Social Commitment Plan.



The Committee further decided to issue environmental clearance to the project with the following conditions after receipt of the above information from the project proponent.

**I). The project proponent shall abide by the following conditions:**

1. Strictly follow the CFE/CFO conditions issued by the KSPCB
2. Strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.
3. Dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
4. Adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
5. Earmark minimum 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auriculiformis, Mahogany, Madhuka indica, Silver oak, Pongamia, Simaruba glauca etc within 6 months and submit compliance report.
6. Scientifically dispose the wastes generated in the project such as waste gear/lubricating oil, batteries etc., strictly as per rules.
7. Provide sanitary facilities such as sufficient number of toilets/bathrooms/septic tank/soak pits for the employees of the project.
8. Comply with all the environmental protection measures incorporated in the EMP.
9. Obtain all other statutory clearances /permissions required to be taken by the company
10. Submit six monthly compliance report to these conditions to the Department without fail.
11. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
12. The project proponent shall also maintain the road from project site to main road.
13. The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

**II). General Conditions:**

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. The Department of Environment and Ecology, Government of Karnataka and the Regional Office, KSPCB will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.

4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.
6. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.
7. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
9. Measures shall be taken for control of noise levels below 85 dBA in the work environment.
10. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
11. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
13. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
14. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

**Agenda No. 3.11(41): M/s. Rajshil Papers Pvt Ltd, FEE 58 ECO 2011**

M/s. Rajshil Papers Pvt Ltd., have submitted the application for environmental clearance for Increase in capacity of existing production from 12000 MTPA to 18000

MTPA & to install new Co-gen plant of capacity 2.3 MW/hr at No. 6-A Industrial Area, Nanjangud-571 302, Mysore District with an investment of Rs. 1000 Lakhs. The KSPCB has issued CFE on 11.02.2011.

The project proponent present in the meeting explained the project. The Committee has discussed about the built up area, source of raw material, recycling of water. After deliberation, the Committee decided to obtain the following informations from the project proponent.

- 1) Approved on-site emergency plan from the Department of Factories & Boilers.
- 2) Water balance chart showing the minimum 80% of water reused from waste water.
- 3) The proponent has committed Rs.1.00 lakh to sponser Bannerghatta Biological National Park toward corporate Social Commitment Plan.

The Committee further decided to issue environmental clearance to the project with the following conditions after receipt of the above information from the project proponent.

**1). The project proponent shall abide by the following conditions:**

1. Strictly follow the CFE/CFO conditions issued by the KSPCB
2. Strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.
3. Dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
4. Adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
5. Earmark minimum 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auriculiformis, Mahogany, Madhuka indica, Silver oak, Pongamia, Simaruba glauca etc within 6 months and submit compliance report.
6. Scientifically dispose the wastes generated in the project such as waste gear/lubricating oil, batteries etc., strictly as per rules.
7. Provide sanitary facilities such as sufficient number of toilets/bathrooms/septic tank/soak pits for the employees of the project.
8. Comply with all the environmental protection measures incorporated in the EMP.
9. Obtain all other statutory clearances /permissions required to be taken by the company
10. Submit six monthly compliance report to these conditions to the Department without fail.
11. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
12. The project proponent shall also maintain the road from project site to main road.
13. The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

**II). General Conditions:**

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. The Department of Environment and Ecology, Government of Karnataka and the Regional Office, KSPCB will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.
4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.
6. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.
7. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
9. Measures shall be taken for control of noise levels below 85 dBA in the work environment.
10. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
11. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of

this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

13. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
14. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

**Agenda No. 3.12(42): M/s. Uni Deritend Ltd., FEE 89 ECO 2011**

M/s. Uni Deritend Ltd., have submitted the application for environmental clearance for manufacture of investment castings of capacity 2000 TPA at Plot No. 582 A, Belur Industrial Area, Dharwad. The KSPCB has issued CFE on 22.09.2010.

The project proponent present in the meeting explained the project. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. Approved onsite-emergency plan from Factories & Boilers Department.
2. Details of recycle of slag generated after casting.
3. Commitment letter with regard to contribute of Rs.1.00 lakh to Bannerghatta Biological National Park towards corporate Social responsibility.

The Committee further decided to issue environmental clearance to the project with the following conditions after receipt of the above information from the project proponent.

**1). The project proponent shall abide by the following conditions:**

1. Strictly follow the CFE/CFO conditions issued by the KSPCB
2. Strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.
3. Dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
4. Adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
5. Earmark minimum 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auriculiformis, Mahogany, Madhuka indica, Silver oak, Pongamia, Simaruba glauca etc within 6 months and submit compliance report.
6. Scientifically dispose the wastes generated in the project such as waste gear/lubricating oil, batteries etc., strictly as per rules.
7. Provide sanitary facilities such as sufficient number of toilets/bathrooms/septic tank/soak pits for the employees of the project.

8. Comply with all the environmental protection measures incorporated in the EMP.
9. Obtain all other statutory clearances /permissions required to be taken by the company
10. Submit six monthly compliance report to these conditions to the Department without fail.
11. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
12. The project proponent shall also maintain the road from project site to main road.
13. The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

## **II). General Conditions:**

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. The Department of Environment and Ecology, Government of Karnataka and the Regional Office, KSPCB will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.
4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.
6. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.
7. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.

9. Measures shall be taken for control of noise levels below 85 dBA in the work environment.
10. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
11. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
13. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
14. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

**Agenda No. 3.13(43): M/s. Uni Abex Alloy Products Ltd., FEE 88 ECO 2011**

M/s. Uni Abex Alloy Products Ltd., have submitted the application for environmental clearance for manufacture of centrifugally & statically cast products and assemblies of capacity 12,000 TPA at Sy. No. 583 & 584 A, Belur Industrial Area, Dharwad. The KSPCB has issued CFE on 14.12.2010.

The project proponent present in the meeting explained the project. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. Plan for recycling & reuse of water.
2. Approved onsite-emergency plan from Factories & Boilers Department.
3. Commitment letter to sponser Rs.1.00 lakh to Bannerghatta Biological National Park towards corporate Social Commitment Plan.

The Committee further decided to issue environmental clearance to the project with the following conditions after receipt of the above information from the project proponent.

**I). The project proponent shall abide by the following conditions:**

1. Strictly follow the CFE/CFO conditions issued by the KSPCB
2. Strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.

3. Dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
4. Adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
5. Earmark minimum 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auriculiformis, Mahogany, Madhuka indica, Silver oak, Pongamia, Simaruba glauca etc within 6 months and submit compliance report.
6. Scientifically dispose the wastes generated in the project such as waste gear/lubricating oil, batteries etc., strictly as per rules.
7. Provide sanitary facilities such as sufficient number of toilets/bathrooms/septic tank/soak pits for the employees of the project.
8. Comply with all the environmental protection measures incorporated in the EMP.
9. Obtain all other statutory clearances /permissions required to be taken by the company
10. Submit six monthly compliance report to these conditions to the Department without fail.
11. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
12. The project proponent shall also maintain the road from project site to main road.
13. The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

## **II). General Conditions:**

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. The Department of Environment and Ecology, Government of Karnataka and the Regional Office, KSPCB will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.
4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.



6. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.
7. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
9. Measures shall be taken for control of noise levels below 85 dBA in the work environment.
10. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
11. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
13. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
14. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

**Agenda No. 3.14(44): M/s. Sree SGK Industries, FEE 73 ECO 2011**

M/s. Sree SGK Industries, have submitted the application for environmental clearance for manufacture of automobile components and hydraulic Cylinder of capacity of 300 Mt/day components at Sy.no. C-15 Industrial Estate, Sagar Road, Shimoga-04 with an investment of Rs. 12 Crores. The Karnataka State Pollution Control Board has issued CFO vide letter dated 26.04.2010 in violation of Government order it is violation of the G. O. No. FEE 14 ENV 2000 dated 31.12.2001.

The project proponent present in the meeting explained the project. Proponent in the meeting said that they are developing one full road in the scheme 'Hasiru Nisarga' towards corporate social commitment plan. The proponent shall submit the compliance to the CFE/CFO issued by the Board and greenery developed.

The Committee further decided to issue environmental clearance to the project with the following conditions.

**I). The project proponent shall abide by the following conditions:**

1. Strictly follow the CFE/CFO conditions issued by the KSPCB
2. Strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.
3. Dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
4. Adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
5. Earmark minimum 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auriculiformis, Mahogany, Madhuka indica, Silver oak, Pongamia, Simaruba glauca etc within 6 months and submit compliance report.
6. Scientifically dispose the wastes generated in the project such as waste gear/lubricating oil, batteries etc., strictly as per rules.
7. Provide sanitary facilities such as sufficient number of toilets/bathrooms/septic tank/soak pits for the employees of the project.
8. Comply with all the environmental protection measures incorporated in the EMP.
9. Obtain all other statutory clearances /permissions required to be taken by the company
10. Submit six monthly compliance report to these conditions to the Department without fail.
11. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
12. The project proponent shall also maintain the road from project site to main road.
13. The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

**II). General Conditions:**

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. The Department of Environment and Ecology, Government of Karnataka and the Regional Office, KSPCB will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.

4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.
6. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.
7. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
9. Measures shall be taken for control of noise levels below 85 dBA in the work environment.
10. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
11. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
13. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
14. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

**Agenda No. 3.15(45):** M/s. Veer –O-Metals Pvt. Ltd., FEE 61 ECO 2011

M/s. Veer-O-Metals Pvt. Ltd., have submitted the application for environmental clearance for establishment of new industry to manufacture of press components

mechanical assemblies, precision sheet metal fabrication with phosphating and powder coating of capacity 6600 MT/annum at Plot No. 87A, Jigani 1<sup>st</sup> Phase industrial Area, Jigani Hobli, Anekal Taluk, Bangalore with an investment of Rs.1,692.00 Lakhs. The KSPCB has issued CFE on 23.12.2010.

The project proponent present in the meeting explained the project. The Committee observed that the project is coming up in Anekal taluk which has been classified as critical area by the Central Ground Water Authority. The Committee observed that the proponent has proposed that effluent will be sent for disposal all the way from Anekal to Bidadi effluent treatment plant run by Pai & Pai Chemicals. In and around Bangalore trade effluent generated by the industries clandestinely are being disposed off in Nallas, tanks etc., thus contaminating the ground water. It is also not advisable to transport effluents over such a long distance which gives scope of leakage. There is no proper energy audit of these effluent treatment plants. It is therefore suggested that proponent shall install forced evaporation facilities in his own premises. After deliberation, the Committee suggested that effluents should not be sent to Pai & Pai Chemicals and in house facility for disposal of effluents (forced evaporation etc.) should be attended. The Committee decided to obtain the following information from the project proponent :

1. Inhouse facility for treatment and disposal of effluents.
2. Clearance obtained from Central Ground Water Authority for withdrawal of ground water.
3. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame.

The Committee further decided to issue environmental clearance to the project with the following conditions after receipt of the above information from the project proponent.

**1). The project proponent shall abide by the following conditions:**

1. Strictly follow the CFE/CFO conditions issued by the KSPCB
2. Strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.
3. Dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
4. Adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
5. Earmark minimum 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auriculiformis, Mahogany, Madhuka indica, Silver oak, Pongamia, Simaruba glauca etc within 6 months and submit compliance report.

6. Scientifically dispose the wastes generated in the project such as waste gear/lubricating oil, batteries etc., strictly as per rules.
7. Provide sanitary facilities such as sufficient number of toilets/bathrooms/septic tank/soak pits for the employees of the project.
8. Comply with all the environmental protection measures incorporated in the EMP.
9. Obtain all other statutory clearances /permissions required to be taken by the company
10. Submit six monthly compliance report to these conditions to the Department without fail.
11. The project proponent should display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
12. The project proponent shall also maintain the road from project site to main road.
13. The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

## **II). General Conditions:**

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. The Department of Environment and Ecology, Government of Karnataka and the Regional Office, KSPCB will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.
4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.
6. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.

7. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
9. Measures shall be taken for control of noise levels below 85 dBA in the work environment.
10. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
11. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
13. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
14. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

**Agenda No. 3.16(46): M/s. Latey Mines (Sanjeev. P. Latey), FEE 46 ECO 2011**

M/s. Latey Mines, have submitted the application for environmental clearance for Extract Limestone & Dolomite Mines at Sy. No. 48, 59, 60 (M.L. No. 1191) over an area of 4.51 Ha. situated in Choudapur Village, of Mudhol Taluka, District Bagalkot of Karnataka. with an investment of Rs. 2.00 lakhs.

The proponent has stated in the application that land 11.16 Acres is patta land, but in the RTC it is showing as 3.05. Acres Kharab. Sri. Late. B.C. Latey has obtained mining lease for a period of 20 years from 1974-1994 from the department of Mines and Geology.

In the year 1987 Sri. B.C. Latey expired, and in the year 1989 the mining lease was transferred in the name of Latey Mines. (Partnership- concerned (Smt. Mangala Prabhkar Latey) daughter-in-law of Sri. B.C. Latey, Amod Prabhkar Latey , Sanjeev Prabhakar Latey & Abhijith Prabhakar Latey Grandson of B.C. Latey .

In the year 1993 application was filed by the proponent to the Mines and Geology Department for renewal of Mining Lease. Mines and Geology Department refused to

renew the same. and the proponent filed a writ petition in the Hon'ble High Court of Karnataka. The Hon'ble High Court granted stay order.

In 1996 the Hon'ble Supreme Court of India as directed to stop mining activity in forestland. In the year 1997 the Department of Mines and Geology permitted the project proponent, till further orders to continue the mining operation in 11 Acres 16 Guntas of Patta Land at Sy. No. 60 belonging to M/s. Latey Mines. Excluding forest areas. The forestland of 188.16 acres stands surrendered.

M/s. Latey Mines obtained CFO from KSPCB on 30.06.2011.

The Regional Director (Environment), Belgaum has inspected this project on 17.06.2011 and reported on 23.06.2011 and suggested as follows: -

- 1) F ʎAazÉA±AZÀ ʎAAVAD@E °É/EAUÉ eÁwAñA PA±µA× 500 VqAUAY/EAAB F °AAVÉUÁ@zA° θAIEAA EEqAA°AAZAA.
- 2) F ʎAazÉA±AZÀ ʎA²IPAA ÇQIUÉ EqAA°A UArUE °É/EAÇPE/EAqAAVÉ SzAA«EA ±°ñiÁðt °AAVAAU PAÉ¶¶ °É/EAqA °ñiÁqAA°AAZAA.
- 3) ZÉqAʎA/EqA UA±AAPEI dÉÉ/ÉAʎAAÉ/ÉAV PAAñAðUA/EAAB °ñiÁqAA°AAZAA.

The project proponent present in the meeting explained the project. The mining activity must be confined within 11 acres 16 guntas in non forest land only. After deliberation, the Committee decided to obtain the Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame,

The Committee further decided to issue environmental clearance to the project with the following conditions and suggestions made by the Regional Director (Environment), Belgaum & after receipt of the above information from the project proponent.

**I). The project proponent shall abide by the following conditions:**

1. Environment Protection Fee at the rate of ` . 84,000 (Rupees, Eighty Four Thousand only) per hectare shall be paid to the Department of Mines and Geology and remitted to the Head of account "0406-01-800-0-11 Environment Protection Fee" as per the Government Order No. FEE 25 ENG 2008, dated 04.02.2009.
2. The Department of Mines and Geology shall grant Mining Lease/quarrying Lease only after ascertaining that the Environment Protection Fee is paid in full by project proponent.
3. The Karnataka State Pollution Control Board and the District administration shall ensure that the Environment protection fee is paid in full as per the Government Order before the issue of necessary Consent of Operation or any other statutory clearance/s for mining/quarrying.
4. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as

- applicable) and half year records be submitted to the Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum,
5. Transportation of ore shall be done by covering the trucks with tarpaulin or with other suitable mechanism so that no spillage of ore/dust takes place. Transportation shall be done only during day time.
  6. Submit the location map of the mining area on survey map of India Topo-sheet of 1: 50,000 scale with 5.0 kms buffer. The longitude and latitude readings of the site and the GPS readings of the boundary points need to be given.
  7. Construct on the slopes of the hillock and along the boundary of the area a rough stone wall of about 1.5 feet height to arrest loose soil flow in to adjoining fields and nalas.
  8. Bring to order and improve the working of the mine. Since it is a small area proper dumping of wastes should be strictly done. Terracing of the area of 10 mts contour intervals needs to be done for stabilizing loose soil and for ground water recharging.
  9. Strictly follow the CFE conditions issued by the KSPCB.
  10. Carry out mining and other related activities according to the mining plan approved by the IBM and within the approved area.
  11. Fix four feet tall pillars with yellow and black paint with M. L. No. painted at all the corner points of the mining area.
  12. Carry out environmental management plan as per the mining plan approved by the IBM.
  13. Dispose of solid waste in a scientific manner without causing pollution to underground and surface water directly or indirectly.
  14. Strictly maintain the SPM & RSP level within the prescribed standard at areas within the mining area.
  15. Adopt rainwater harvesting in the industry and submit report.
  16. Not to discharge wastewater outside the premises of the mining area.
  17. Obtain all other statutory clearances/permissions required to be taken.
  18. Earmark 33% of the project land for green belt and afforest within 6 months and submit the compliance report. Immediately take up planting of 3 rows of plants all-round the mine area in the buffer zone and on the approach road sides up to 2 Kms length.
  19. Submit soil and moisture conservation plan within one month and implement the same within six months.
  20. Carryout health checkups for labourers and employees of the mining activity once in six months and submit report.
  21. Submit Half Yearly compliance report to the conditions prescribed to the Department and to the Regional Director (Environment), Department of Ecology and Environment, Government of Karnataka, Belgaum having jurisdiction without fail.
  22. The project proponent shall also maintain the road from project site to main road.



23. The proponent shall execute social commitment plan as committed by him and submit the report to the Department.

**II). General Conditions:**

1. The Department of Ecology and Environment, Government of Karnataka reserves the right to withdraw this Environment Clearance subject to any change in the policy by the Government.
2. The Department of Ecology and Environment, Government of Karnataka; the Regional Director (Environment), Belgaum and the Regional Officer, KSPCB, will monitor the implementation of the stipulated conditions. A complete set of documents including the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
3. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days. The Regional Director (Environment), Belgaum should also display a copy of the letter in his office notice board for 30 days.
4. In case of any deviation or alteration in the project proposal from that of the proposal submitted for Environment Clearance, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
5. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the Environment Clearance letter informing that the project has been accorded Environment Clearance and a copy of the clearance letter is available with the State Pollution Control Board.
6. The above stipulations shall be enforced along with other relevant laws as under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and Rules there under.
7. The Department of Ecology and Environment, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
8. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
9. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
10. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

11. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
13. The validity of Environmental Clearance is co-terminus with mining lease period granted under MM(D&R) Act,1957. The proponent shall obtain revised Environmental Clearance in case of increase in the production/area is revised.

### **Agenda No. 3.17(47):- Sri. Kantesh, FEE 41 ECO 2011**

Sri. Kantesh, has submitted the application for environmental clearance for limestone and dolomite mining in an area of 4.96 ha of revenue land at Sy. No. 35 (P), Karadigudda Village, Badami Taluk, Bagalkot District.

The Department has informed the proponent vide letter dated: 04.05.2011 to submit the following documents:

1. Topographic map covering 10 Kms radius from the periphery of the site indicating main features.
2. Consent for establishment issued by KSPCB.
3. Land records.

The proponent has not submitted the above information/documents to the Department.

The Deputy Commissioner, Bagalkot district has submitted report to Director, Department of Mines and Geology vide letter dated 05.05.2009 with regard to the proposal submitted by Mr Kanthesh. In this letter Deputy Commissioner has stated that Mr Kanthesh has requested to grant mining lease in an area of 15 acres and 18 guntas. Further, the letter indicated that the land is belonging to the Government. The RTC submitted by the proponent to the Department also indicated that the total land areas is 15.18 acres which covers Karab land to an extent of 1.20 acres.

The proposed mining area is having more than 5 hectares and hence attracts EIA Notification, 2006. Hence, the proponent may be informed to approach SEIAA for environmental clearance.

The project proponent present in the meeting explained the project. The Committee decided to consider the project only after obtaining the mining lease notification issued by the Department of Mines & Geology. Environmental Clearance proposal is to be considered only after issuance of mining lease notification by the Mines & Geology Department. Till that, it is premature to consider such cases. After discussion, it was decided to delist the proposal.

**Agenda 4:- Siting guidelines for red category industries/projects:-**

The committee decided to consider the subject in the next SECC meeting.

**Agenda 5:- Any other subjects with the permission of the Chair**

The meeting ended with vote of thanks to the chair.

Sd/-

**(Kaushik Mukherjee, )**

Principal Secretary to Government  
and the Chairman,  
State Environmental Clearance Committee,  
Forest, Ecology and Environment Department.

(B. Manohar)

Under Secretary to Government  
(Ecology & Environment)  
Forest, Ecology & Environment Department

File No. FEE 56 ECO 2011.

**ANNEXURE**

List of Members present in the meeting of the State Environment Clearance Committee  
held on 06.07.2011

- 1 Shri. Kaushik Mukherjee, IAS  
Principal Secretary to Government,  
Forests, Ecology and Environment Department,  
M S Building,  
Bangalore.
- 2 Sri Kanwerpal, IFS  
Secretary to Government,  
(Ecology and Environment)  
Forest, Ecology and Environment Department,  
M S Building,  
Bangalore.
- 3 Dr. M. H. Balakrishnaiah,  
Special Director (Technical Cell)  
Forest, Ecology and Environment Department,  
M S Building,  
Bangalore.
- 4 Sri. M.D.N.Simha,  
Senior Environment Officer,  
Karnataka State Pollution Control Board,  
No.49, Parisara Bhavan, Church Street,  
Bangalore.
- 5 Sri.G.Thirumurthy,  
CPCD,  
Central Pollution Control Board,  
No.6, West of Chord Road,  
Mahalakshmpuram, II Stage, Rajajinagar,  
Bangalore-560 086.
- 6 Sri M.Suresh Pratap Singh,  
Assistnat Director, TPM Section,  
Bangalore Development Dept.,  
Vikasa Soudha, Bangalore.
- 7 Sri.N.K.Ramachandrea Rao,  
Joint Director,  
Commissioner for Industrial  
Development and Director,  
Industries and Commerce Department,  
Khanija Bhavan, Race Course Road,  
Bangalore-560 001.
- 8 Sri. A R Vijayendra,

- Joint Director  
Factories and Boilers Department,  
Karmika Bhavan,  
Industrial Training Centre Complex,  
Bannerghatta Road, Bangalore -560 029.
- 9 Sri A B Morappanavar,  
Regional Director (Environment),  
Forests, Ecology and Environment  
Belgaum.
- 10 Sri.T. Balachandra,  
Regional Director (Environment),  
Forests, Ecology and Environment  
Udupi.
- 11 Sri. Ishwar Poojar,  
Programme Coordinator,  
Centre for Environment Education,  
143, Kamala Mansion, Infantry Road,  
Bangalore-560 001.
- 12 Sri. Shantala.M.S,  
For Director,  
Town & Country Planning Department,  
113, Ground Floor, M. S. Building,  
Bangalore -560 001.
- 13 Sri.Abul Khan,  
Deputy Drugs Controller, Drugs Control Dept.  
P. B. No. 5377, Place Road, Bangalore 560 001
- 14 Smt.M.R.Padmaja,  
Joint Director (P),  
Urban Development Department,  
M.S.Building, Bangalore-560 001.
- 15 Sri. Dodda Aswatha Narayana Swamy,  
Scientific Officer,  
Ecology and Environment Department,  
Bangalore.
- 16 Sri. A. Raghu,  
Scientific Officer,  
Ecology and Environment Department,  
Bangalore.
- 17 Sri.A.K.Ashok,  
Scientific Officer,  
Ecology and Environment Department,  
Bangalore.