

**Proceedings of the State Environmental Clearance Committee (SECC)
Meeting held on 09.06.2011 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.

**Agenda 1: Confirmation of the proceedings of the SECC meeting held on
07.02.2011**

The meeting Proceedings were read to the Committee and the same were confirmed.

**Agenda 2: Action taken report on the proceedings of the SECC meeting held on
07.02.2011**

The Action taken report was verified and the action taken was noted.

AGENDA 3: SUBJECTS FOR ENVIRONMENTAL CLEARANCE

**Agenda No. 3.1(1): M/s. Kirloskar Toyoda Textile Machinery Pvt. Ltd.,
(FEE 90 ECO 2010)**

M/s. Kirloskar Toyoda Textile Machinery Pvt. Ltd., have submitted the application for environmental clearance for expansion of the existing industry to manufacture aluminium die casting and machining of capacity 228 TPM at Plot No. 10-13, II Phase, Jigani Industrial area, Phase – II, Anekal Taluk, Bangalore. The KSPCB has issued CFO on 18.08.2010.

The project proponent present in the meeting explained the project and clarified that they have not yet initiated expansion capacity. Further, the proponent has informed that the total built up area has not exceeded 20,000 Sq. mtr. 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 and hence supply of water through tankers should be avoided. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. Clearance obtained from Central Ground Water Authority for withdrawal of ground water.
2. Plan of action to recycle the treated waste water.
3. Details of rain water harvesting.
4. MoU signed for disposal of Hazardous waste.
5. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide

sanitation facilities in a Government School located nearby to the project areas and to donate for Akashya patra scheme for mid day meals to support poor children/blind institution like Samarthana Trust /any institutions of similar activities.

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. 3.2 (2) :- M/s. Karnataka Strips Ltd. (FEE 20 ECO 2010)

M/s. Karnataka Strips Ltd., have submitted the application for environmental clearance for expansion of production of existing cold rolled coil/annealed product from 36,000 MTPA to 60,000 MTPA at Plot No. 126, 3rd Stage, KIADB, Mundargi Industrial Area, Bangalore Road, Bellary-583 101. The KSPCB has issued CFE on 16.06.2006 & 26.10.2010.

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. Details of rain water harvesting.
2. Plan for recycling of waste water.
3. MoU signed for disposal of sludge.
4. Details of green belt developed/tobe developed with photographs.
5. Onsite emergency plan approved by the Factories and Boilers Department.
6. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas.

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. 3.3(3): M/S. Hemavathy Power & Light Pvt. Ltd.,
(FEE 89 ECO 2010)**

M/S. Hemavathy Power & Light Pvt. Ltd., have submitted the application for renewal of environmental clearance issued for establishment of 8 MW mini hydel power plant at Sy. No. 04, 06, 306, 307, 309, 310, 326, 327 Gorur, Hassan District with an investment of ₹. 30 Crores. The KSPCB has issued CFE on 16.03.1999.

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 report for earlier environmental clearance and Consent for operation issued by Karnataka State Pollution Control Board.
2. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas.

The Committee further decided to renew 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. Undertake river bank/canal bank afforestation programme.
9. Comply with all the environmental protection measures incorporated in the EMP.
10. Obtain all other statutory clearances /permissions required to be taken by the company
11. Submit six monthly compliance report to these conditions to the Department without fail.
12. 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.
13. The project proponent shall also maintain the road from project site to main road.
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(4): M/s Nestle India Ltd (FEE 78 ECO 2010).

M/s Nestle India Ltd., had submitted an application for Environmental Clearance for Expansion of existing industry to install noodle-manufacturing units of capacity 92,000 TPA in the existing premises located at Kallahalli Village, Kasaba Nanjangud, Nanjangud Rural Police Station, and City Sy. No. 6399, 100/1, 100/2,101/1. 117/3,121,122,123,124,125, 131P Revenue Sy. No KIADB Industrial area, Mysore District.

The Karnataka State Pollution Control Board (KSPCB) has issued Consent vide letter No. KPCB /SEO- (Non-EIA) /CFE (Exp)/2010-11/104 dated: 01.07.2010.

The proponent in his letter dated 04.03.2011 had informed that their project is the first implemented project after signing MOU in the Global Investor Meet – 2010 and the Honorable Chief Minister of Karnataka had agreed to inaugurate the project on 23.03.2010, in view of the urgency of the matter, after verifying the various documents produced by the proponent such as Project report, Consent for

establishment, it was decided to issue Environmental Clearance to the project. Hence, EC has been issued to the proponent on 19.03.2011.

The project proponent present in the meeting explained the project. After deliberation, the Committee decided to ratify the action taken in issuing Environment Clearance. The proponent voluntarily agreed to contribute ` 5.00 lakhs to Bannerghatta National Park towards the corporate social commitment.

Agenda No. 3.5 (5): M/s. Tata Global Beverages Ltd., (FEE 21 ECO 2011)

M/s. Tata Global Beverages Ltd., have submitted the application for environmental clearance for expansion and shifting of Research and Development center for manufacture of Tea & Coffee based products and Liquid Beverages etc., at plot No. 62, 3rd Cross, Industrial Suburb, 2nd Phase, Yeswanthpur Bangalore to 3rd & 4th floor in Kirloskar Business park at Khatha No. 338, Hebbal, Bangalore North Taluk with an investment of ` 67.55 Lakhs. The KSPCB has issued CFE on 31.03.2011.

As per siting guidelines issued under Government Order No. FEE 195 ENV 2002 dated 21.06.2003, no new large /medium/small (orange Category) Industries generating trade effluence or emission shall be permitted within city/municipal limits.

The project proponent present in the meeting clarified that this project is not manufacturing industry but only research project and they are only shifting existing project from Yeshwanthpur to Kirloskar Business park at Khatha No. 338, Hebbal, Bangalore North Taluk. The Committee felt that since the proponent is only shifting the existing research centre, it is not coming under the pervue of siting guidelines issued under Government Order No. FEE 195 ENV 2002 dated 21.06.2003. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. A concrete plan for disposal of waste generated rather depending upon on BBMP, as BBMP itself is poor in handling solid waste management.
2. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas and to donate for Akasya patra scheme for mid day meals to support poor children/blind institution like Samarthana Trust /any institutions of similar activities.

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. 3.6(6): M/S. Bhoruka Aluminium Ltd., (FEE 39 ECO 2011)

M/S. Bhoruka Aluminium Ltd., (BAL) have submitted the application for environmental clearance for expansion of existing industry to increase the production capacity of Aluminium Extrusion from 6500 MTPA to 15,000 MTPA & to provide Chrome VI conversion as a pretreatment before powder coating at Plot No. 1, KRS Road, Metagalli, Mysore with an investment of ` . 22 Crores. The KSPCB has issued CFE on 18.02.2011.

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 report for earlier environmental clearance and Consent for operation issued by Karnataka State Pollution Control Board. '
2. MoU between Industry and authorized dealers for disposal of solid waste and hazardous waste.
3. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to sponser ` .5.00 lakhs to Bannerghatta National Park.

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. 3.7(7): M/s. Bosch Ltd., (FEE 77 ECO 2010)

M/s. Bosch Ltd., have submitted the application for environmental clearance for Expansion of existing industry to manufacture the following products :-

1. **Expansion of Starter Motor, Generator & Diversification of Gasoline systems:** Increase the Capacity of Starter motor & Generator Manufacturing by assembling brought out sub assembly from 1.5 million Nos./annum to 2.6 million Nos./annum & Speed sensor (DG 6) quantity 2,70,833 Nos./month, Accelerator Pedal Module (APM) quantity 1,00,000 Nos./month & Fuel Return Line (FRL) quantity 1.50,000 Nos/month.
2. **Expansion & Diversification to manufacture additional products in Gasoline systems:** Hot Flow Mass meter 20 Lakh/annum, Temperature Sensor – 20 Lakh/annum, Pressure Position & Temperature sensor-40 Lakh/ /annum, Phase sensor –20 Lakh/annum, Electrical Fuel pump-20 Lakh/annum, Electronic throttle body-20 Lakh/annum & Fuel Charge assembly–10 Lakh/annum. Air conditioning service equipment:
3. **Expansion & Diversification of Diagnostic equipments (DG/CoC):** Auto Mobile Air Conditioning Service equipments (ACS) different models – 12000 nos/annum, Heavy Duty Test bench – 144 nos/annum, Nozzle Tester – 1200 nos/annum, Nitrogen Inflator – 144nos/annum, Wheel Aligner & Wheel Balancer 144 nos/annum & PC trolley – 144 nos/annum. at Plot No. 51 to 61, Hanger No. 701 & 730, Naganathapura, P.B No. 6887, Electronic City Post, Bangalore with an investment of ` 67.59 Crores. The KSPCB has issued CFE on 27. 08.2010, 22.12.2010 & 26.02.2011.

The project proponent present in the meeting explained the project. The Committee suggested the proponent to procure tertiary treated water from BWSSB for construction activities and recycle & reuse the wastewater. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. Clearance letter from Central Ground Water Authority.
2. Details of Rain Water Harvesting.
3. Water balance chart showing the details of recycle of water.
4. Compliance report for earlier environmental clearance and Consent for operation issued by Karnataka State Pollution Control Board.
5. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to sponser ` .3.00 lakhs to Bannerghatta National Park.

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. 8(8): M/s. Malnad Alloy Castings Pvt. Ltd.,
(FEE 26 ECO 2009)**

M/s. Malnad Alloy Castings Pvt. Ltd., have submitted the application for environmental clearance for manufacture of steel castings of capacity 250 MT/month at No. 36A, Shimoga Bhadravathi Industrial Area, Machena Halli-577 222, Shimoga. The KSPCB has issued CFO on 21.05.2010.

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. Details of Hazardous waste generated in the industry.
2. Details of STP & ETP.
3. Plan of action for reuse of moulding sand.
4. Details of rain water harvesting.
5. Details of green belt developed/to be developed with photographs.
6. MoU signed for disposal of hazardous waste.
7. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to sponsor ₹.5.00 lakhs to Bannerghatta National Park.

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. 9(9): M/s. Sri. Anjaneya Agro Tech Pvt. Ltd., (FEE 84 ECO 2010)

M/s. Sri Anjaneya Agro-Tech Pvt. Ltd., have submitted the application for renewal of environmental clearance issued vide letter No. FEE 190 ECO 2005 dated 17.10.2005 for establishment of refined rice bran oil of capacity 75 TPD at Sy. No. 80, Mahajenahalli Hanagawadi, Harihar Taluk, Davangere Dist. The KSPCB has issued CFO on 1.10.2009.

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 report for earlier environmental clearance and consent for operation issued by KSPCB.
2. 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(10): 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.

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 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/m³ for 8 hr TWA (time weighted average) sampling against a permissible limit of 30 µg/m³ and respirable particulate matter (RSPM) as high as 220 µg/m³ for 8 hour TWA as against the permissible limits of 50 µg/m³. 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 subject was deferred as the proponent remained absent.

**Agenda No. 3.11(11): M/s. Nimishamba Energy India Pvt. Ltd.,
FEE 97 ECO 2010**

M/s.Nimishamba Energy India Private Limited, have submitted the application for environmental clearance for establishment of 3.00 MW small hydro project at Sy.No.16/B across Paschimavahini River near Palahalli Village, Mandya District with an investment of ` .1889.00 Lakhs.

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. CFE from KSPCB.
2. Ambient air quality analysis report from approved laboratory.
3. NoC from Water Resources Department.
4. Project site location on 1:50,000 scale toposheet (10 Km radius)
5. Plan for power evacuation line with extent and details of Sy.Nos. of the land involved for the proposed transmission line.
6. Commitment letter from the competent authority for drawing transmission line.
7. Land required for the transmission line with RTC.
8. Details of batteries, oil used and its disposal
9. EMP covering of the debris generated.
10. Affidavit in stamp paper.
11. 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. Undertake river bank/canal bank afforestation programme.
9. Comply with all the environmental protection measures incorporated in the EMP.
10. Obtain all other statutory clearances /permissions required to be taken by the company
11. Submit six monthly compliance report to these conditions to the Department without fail.
12. 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.
13. The project proponent shall also maintain the road from project site to main road.
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. 3.12(12): M/s. A.O Smith India Water Heating Pvt. Ltd.,
FEE 85 ECO 2010**

M/s. A.O Smith India Water Heating Pvt. Ltd., have submitted the application for environmental clearance for establishment of new industry to manufacture of Water Heaters for Domestic & Commercial Purposes of Capacity 400,000 Units/Annum at Plot No. 300, Phase II, KIADB Industrial Area Harohalli (V) & (P), Kanakapura Taluk Ramanagara District with an investment of ₹. 374 Crores. The KSPCB has issued CFE on 06.05.2010.

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. Quantity of steel scrap generated and its disposal.
2. NOC issued for Central Ground Water Authority for drawl of ground water.
3. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas and to donate for Akasya patra scheme for mid day meals to support poor children/blind institution like Samarthana Trust /any institutions of similar activities.

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. 3.13(13): 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 ` 4,933.00 lakhs.

The subject was deferred as the proponent remained absent.

Agenda No. 3.14(14): M/s. Microtex Energy Pvt. Ltd., FEE 80 ECO 2010

M/s. Microtex Energy Pvt. Ltd., have submitted the application for environmental clearance for expansion of existing industry to increase the production of lead sub oxide from 8 MT/day to 48 MT/day and production of UPS & Motor Cycle Battery of 5400 Nos/day at No.42 & 43, 2nd Main, 2nd Phase, Peenya Industrial Area,Bangalore-560 058 with an investment of ` . 22.16 Crores.

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 Ganesha idols. However, in this case, the immersion of clay Ganesha 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/m³ for 8 hr TWA (time weighted average) sampling against a permissible limit of 30 µg/m³ and respirable particulate matter (RSPM) as high as 220 µg/m³ for 8 hour TWA as against the permissible limits of 50 µg/m³. The study also reveals associated health effects among workers in the units studied 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 issue was discussed in detail. The project proponent present in the meeting explained the project. After deliberation, the Committee decided to obtain 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.

Agenda No. 3.15(15): M/s. ITC Ltd., FEE 27 ECO 2011

M/s. ITC Ltd., - ILTD Division-Mysore-Green Leaf Threshing Plant, have submitted the application for environmental clearance for establishment of new industry to Green Leaf Tobacco industry Thandya Industrial Area of capacity 5200 MT/M at Sy.No. 366,367/1 etc., of Immavau Village & Sy.No. 72/2,73/3, etc., of Adakanahalli Village, Nanjanagud Taluk, Mysore District with an investment of ₹. 23800 Lakhs. The KSPCB has issued CFE on 04.07.2008. The total built up proposed is 19,523 Sqm and this case is pending since 2008 and which was delisted, for want of onsite emergency plan which has been submitted by the project authorities vide letter dated 29.08.2010, stating that it is not required.

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. MoU with brick manufacturers for use of fly ash.
2. Water balance chart duly showing the quantity of water to be recycled.
3. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame preferably to sponsor ₹.5.00 lakhs to Bannerghatta National Park.

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. 3.16(16): M/s. Gokul Ferrocast Private Limited, FEE 30 ECO 2011

M/s. Gokul Ferrocast Private Limited have applied for Environment Clearance for establishment of Foundry to manufacturing Capacity of 1200 Mt per month of finished Ductile Iron Castings or SG Iron Castings or Grey Iron Casings or CI castings at R.S.No. 172/2, Waghwade Village, Machhe Industrial Area, Belagavi-590009, Taluk & District: Belgaum with a total investment of ` .1120 lakhs.

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. Consent for Establishment issued by KSPCB.

2. Scheme for disposal of slag generated in the industry.
3. Green belt schematic plan.
4. Land records.
5. Onsite emergency Plan approved by the Factories and Boilers Department.
6. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas.

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. 3.17(17): M/s. Deepak Cables (India) Ltd., FEE 38 ECO 2010

M/s. Deepak Cables (India) Ltd., have submitted the application for environmental clearance for Setting up of Mini Hydel Power Plant of capacity 14.1 MW (3 x 4.70 MW) at Sy.No.16 of Aluvalli Village, Across Yettinahole River, Marenahalli Village, Sakleshpura Taluk, Hassan District with an investment of ₹.11800.00 lakhs. The KSPCB has issued CFE on 17.02.2011.

The following aspects were placed before the committee for discussion.

1. Diversion of Forest land under Forest (Conservation) Act, 1980 is a prerequisite for establishment of mini hydel in forest land, inclusive of transmission line.
2. Since there is no clearance under Forest (Conservation) Act, 1980, it is premature to consider this proposal.
3. This needs to be delisted and proponent may apply only after clearance under Forest (Conservation) Act, 1980.
4. Hon'ble High Court of Karnataka has also ordered to constitute a committee to submit report to the High Court pertaining to mini hydel project in western ghat and no new case to be considered till then.

The project proponent present in the meeting explained the project. The Committee observed that this project comes under western ghats and diversion of forest land under Forest (Conservation) Act, 1980 is a prerequisite for establishment of mini hydel projects in forest land, inclusive of transmission line. The Hon'ble High Court of Karnataka has also ordered to constitute a committee to submit report to the High Court pertaining to mini hydel project in western ghat and no new case to be considered till then. In view of this the Committee advised the proponent to submit clearance under Forest (Conservation) Act, 1980 and then only to approach for environmental clearance. After deliberation, the Committee decided to delist the project.

Agenda No. 3.18(18): M/s. Kenchapura Dunite Mines (FEE 23 ECO 2010)

M/s. Steel Authority of India Ltd., Visvesvaraya Iron & Steel Plant have submitted application for renewal of Environmental Clearance(EC) issued by Department of Forest, Ecology and Environment vide letter No. FEE 217 ECO 2005 dated 13.12.2005 for mining of Dunite of capacity 50 TPA at Kenchapura Village, Tarikere Taluk, Chickmagalore District. The EC has expired on 13.02.2010 after the validity period of 5 years. The KSPCB has issued CFO on 14.05.2008 which is valid upto 30.06.2011. IBM has approved mining plan vide letter No. No.279/666/2000/BNG dated 08.03.2006 is submitted. Mining Lease is granted for 20 years with effect from 19.05.2001. Mining has commenced from 6/2001. The proponent has submitted compliance to Environment Clearance & Consent for Establishment Conditions prescribed by the Department of Forest, Ecology and Environment and Karnataka State Pollution Control Board respectively.

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. Green belt Schematic Plan.
2. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas and to donate for Akasya Patra scheme for mid day meals to support poor children/blind institution like Samarthana Trust /any institutions of similar activities.

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. Environment Protection Fee at the rate of Rs. 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, Bellary,
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, Bellary 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), Bellary 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), Bellary 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. 3.19(19): Sri. Jagajeevan.N.Chouta, (FEE 74 ECO 2010)

Jagajeevan.N.Chouta, have submitted the application for their new mining project for environmental clearance in the Department of Forest, Ecology and Environment for mining of Silica sand of capacity 80 MT per day at M.L.No.2509, Sy.No. 126/3, 131/5A, 5B, 6A, 6B, 131/10 & 11 of Nadsalu Village, Udupi Taluk and District, Karnataka, Pin Code No. 574111 The KSPCB has issued CFE vide Letter No.179/PCB/Udupi/EO/DEO/AEO/2010-11/874 dated 08.11.2010. IBM Plan is obtained vide letter No. No.279/875/2005/BNG dated 01.02.2007

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. Inspection report from Regional Director (Environment), Udupi.
2. Sketch from Revenue Department.
3. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas.

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. 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, Udupi.
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, Udupi 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), Udupi 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), Udupi 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. 3.20(20): M/s. Awaradi Limestone Mine of Sri.Mallanagouda.S.Patil, FEE 57 ECO 2010)

M/s. Awaradi Limestone of Sri.Mallanagouda.S.Patil, have submitted the application for environmental clearance for expansion of limestone mining from 9000 TPA to 45000 TPA in 4.86 Hectares at Sy.No.152 (P), Awaradi Village, Gokak Taluk, Belgaum District with an investment of ` .9.5 lakhs. The KSPCB has issued CFE on 21.02.2011. The records submitted by the proponent has indicated that the total extent of the Sy.No.152 is 30.06 Acres. The mining lease is in Sy.No.152 (P) covering 12 acres.

The Regional Director (Belgaum) has inspected the mining area and suggested the following measures:-

1. IBM Plan
2. UAJ PEAAZAZA
3. CAAC UAACAZUAUJ PEYAEZAGUEPAQA
4. CAAC UAACAZUAUJ PEYAEZAGUEPAQA

The project proponent present in the meeting explained the project. The Committee decided that as this a mining project and proposed for expansion of limestone mining from 9000 TPA to 45000 TPA. The Committee discussed the issue in detail and considering the production details explained by the Mines & Geology Department, it was decided to issue Environmental Clearance for mining 25,000 TPA. Proponent has to mine for only 25000 TPA. After deliberation, the Committee decided to obtain the following information from the project proponent :

1. Details of land use in the remaining area i.e.18 acres of the balance area.
2. Details of mineral available in the 18 acres balance area.
3. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas.

The Committee further decided to issue environmental clearance for mining 25,000 TPA 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. 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. 3.21(21): Sri.Rajendrasa. R. Raibaghi (FEE 27 ECO 2008)

Sri. Rajendrasa. R. Raibaghi, has submitted an application for Environmental Clearance for mining of quartz of capacity 250 TPM, at Sy. No.95/3, Benakanal Village, Khustagi Taluk, Koppal District, with an investment of ₹.20.00 lakhs. The KSPCB has issued CFE on 18.09.2002.

Indian Bureau of Mines (IBM) has approved the mining plan vide No 2797/715/2001/BNG dated 12.07.2007 M. L. registration No. 2392 & lease period is from 21.03.2003 to 20.03.2013.

The Regional Director (Environment). Bellary has inspected the project site and reported on 24.09.2008.

The subject was placed in the SECC meeting held on 02.02.2010 and 17.07.2010. The subject was deferred since the proponent was absent.

Again a SECC meeting was held on 30.10.2010 but as the proponent was absent matter was deferred. Hence, the committee decided to issue show cause notice to the proponent and obtain details of CFO if issued by the KSPCB for taking further action.

Accordingly a letter was sent to Member Secretary, KSPCB on 18.12.2010 to furnish the report to Government regarding CFO issued by the Board to the proponent, KSPCB in its letter-dated 20.01.2011 has informed that they have not obtained CFO so far.

The project proponent present in the meeting explained the project. After deliberation, the Committee decided to issue Environment Clearance after obtaining the Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas.

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, Bellary,
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, Bellary 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), Bellary 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), Bellary 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. 3.22(22): Sri. Zafarulla Khan (FEE 05 ECO 2007)

Sri. Zafarulla Khan has applied for Environment Clearance for mining of White Quartz of 15,000 TPA at Sy.No.60 (P), Sirappannahalli village, Holalkere Taluk, Chitradurga District over an area of 2.02 Ha (as per CFE issued on 28.07.2006 by Karnataka State Pollution Control Board). IBM has approved Mining Plan vide letter No. 279/901/2006/BNG, dated 22.06.2006. The mining comes under Private/Fresh/B-Category/Manual /Non-Forest category as per the IBM approved mining plan.

The Deputy Commissioner, Chitradurga vide letter dated 7.2.2003 addressed to Director of Mines and Geology has informed that at Survey No.60, out of 629.14 Acre land as per RTC, 103.36 Acre land is disposed to cultivation and 90.00 Acre is disposed to Forest and the balance 430.18 Acre land is remaining. The land in question is a Gomal land and not suitable for cultivation. There is no objection for mining at Sy. No. 60 in the 5.00-Acre area subject to the condition that the adjacent agricultural land crops are not damaged and that there is no trespass problem.

The project proponent present in the meeting explained the project. The Committee decided to consider the project only after issuing mining lease notification issued by the Department of Mines & Geology. It was also decided that in all such cases wherein Government land is involved, 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 No. 3.23(23): M/s. Quenby Transfers (India) Pvt. Ltd., FEE 24 ECO 2011

M/s. Quenby Transfers (India) Pvt. Ltd., have submitted the application for environmental clearance for establishment of new industry to Carryout Screen Printing on paper and washing of screens of capacity 3,00,000 pieces/month at Sy. No. 542, 14th Cross, IV Phase, Peenya Industrial Area, Bangalore with an investment of ` 1565.35 Lakhs. The KSPCB has issued CFE on 19.07.2010.

The project proponent present in the meeting explained the project. After deliberation, the Committee decided to issue Environment Clearance after obtaining the Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas and to donate for Akasya patra scheme for mid day meals to support poor children/blind institution like Samarthana Trust /any institutions of similar activities.

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. 3.24(24): 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 ₹.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 deferred as the proponent remained absent.

Agenda No. 3.25(25): M/s. Paper Packaging Pvt. Ltd., (FEE 27 ECO 2009)

M/S. Paper Packing Pvt. Ltd., have submitted the application for environmental clearance for expansion of the Kraft Paper production from 31,350 MTPA to 49,500 MTPA at KIADB Industrial Area, Mandli Kallur Road, Shivamogga – 577 202. The KSPCB has issued CFE on 06.10.2007. The KSPCB has issued CFO on 02.08.2010 without Environmental Clearance.

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. Detailed water balance chart.
2. Plan of action for reuse of treated waste water.
3. Details of rain water harvesting and greenbelt.
4. Year wise quantity of water used in the industry.
5. Revised Onsite Emergency Plan.

6. Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas.
7. MoU for disposal of the Hazardous Waste.

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. 3.26(26): 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 production 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 ` . 2300 Lakhs. The KSPCB has issued CFE on 29.12.2009.

The subject was deferred as the project proponent was absent.

Agenda No. 3.27(27): Sri. Srinivas K. Timmanagoudar, (FEE 22 ECO 2011)

Sri. Srinivas K. Timmanagoudar, have submitted the application for environmental clearance for Hirehandigol Quartz Mine, ML.NO. 2326 Sy. No. 236/1A gadag, Taluk, & District, Karnataka. with an investment of ` 9.50 lakhs.

The project proponent present in the meeting explained the project. After deliberation, the Committee decided to consider this project after obtaining inspection report from Mines and Geology Department regarding the maximum ore that can be sustainably mined/extracted in an year.

Agenda No. 3.28(28): Sri. Chetan Minerals Govindaraju Hanumatagounda Kajjidoni (Arakeri) (FEE 35 ECO 2011)

Sri. Chethan Minerals Govindaraju Hanumatagounda Kajjidoni (Arakeri) have submitted the application for environmental clearance for Hirehandigol Quartz Mine, ML.NO. 2326 Sy. No.95/3A/1 to 96/1 Lokapur Village, Mudhal Taluk, Bagalkot District with an investment of ` . 9.00 lakhs. The KSPCB has issued CFE on 05.03.2011. The mining lease notification is not issued by the C&I Dept/DMG.

The Regional Director Belgaum has inspected the proposed lease area and opined.

1. UAtUÁj PÉAÁÁ aÉÆZÀ® aÀµÀÖZÀ° òAIEÁÁ ¥ÁæÉÁ+ÁZÀ ÁÁvÁÜ®Æ PÀµÁ× 500 ``ÉÁ«ÉÁ VqÁUÁVÁEÁÁB EÉI ÄÖ µÁqÁÁ °ÁQ ¥ÉÆÁ¶Á,ÁÁªÁZÁÁ.
2. CPÁI ¥ÁPÁIzÀ qÉÉvÁqÀ aÁÁEÁ°ÉÇ° 1 CªÁj UÉ ``ÉÁPÁZÁ aÁiÁªÁ °ÉÆAUÉ aÁÁvÁÜ® ``ÉÁ«ÉÁ eÁwÁÁÁ PÀµÁ× 200 Á¹UÁVÁEÁÁB aÉÆZÀ® aÀµÀÖZÀ° è EÉqÁÁªÁZÁÁ.
3. UAtUÁj PÁ ¥ÁæÉÁ+ÁZÀ ÁÁvÁÜ®Æ eÁEÁÁªÁqÁÁUÁ½UÉ °ÁµÁÁiÁUÁZÁÁvÉ vÁqÉAÁÁ®Á vÁAw ``ÉÁ° AÁÁEÁÁB µ«ÁÖ,ÁÁªÁZÁÁ.
4. FUAUA-ÉÁ PÁnÜÁÁªÁ PÁ®Áe UÉÆÁqÉÁÁÁEÁÁB °ÁUÉAÉÁÁ G½¹PÉÆVÁÁiªÁZÁÁ.
5. ZÀQèT ÇQIUÉ MAZÁÁ PÁE¶Á °ÉÆAqÀ µ«ÁÖ,ÁÁªÁZÁÁ.

The project proponent present in the meeting explained the project. After deliberation, the Committee decided to issue Environment Clearance with the following conditions after obtaining the Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas and to donate for Akasya patra scheme for mid day meals to support poor children/blind institution like Samarthana Trust /any institutions of similar activities.

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, Bellary,
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, Bellary 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), Bellary 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), Bellary 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. 3.29(29): M/s. Kewaunee Scientific Corporation India Pvt. Ltd.,
(FEE 63 ECO 2009)**

M/s. Kewaunee Scientific Corporation India Pvt. Ltd., have submitted the application for establishment of industry for manufacturing of Fume Hoods of capacity 20 Tons/Month, Laboratory Cabinets of capacity 65 Tons/Month and Trim Materials of capacity 25 Tons/Month involving phosphating and power coating activity at Plot No. 186, Bommasandra Jigani Link Road, Industrial Area, Jigani, Anekal Taluk, Bangalore. The KSPCB has issued CFE on 08.05.2009.

The project proponent present in the meeting explained the project. After deliberation, the Committee decided to issue Environment Clearance with the

following conditions after obtaining the Specific Social Commitment Plan with details of the work proposed, place, budget allocated and time frame, preferably to construct ladies toilet/provide sanitation facilities in a Government School located nearby to the project areas and to donate for Akasya patra scheme for mid day meals to support poor children/blind institution like Samarthana Trust /any institutions of similar activities.

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. 3.30(30): M/s. Rajashree Packagers Ltd., (FEE 20 ECO 2011)

M/s. Rajashree Packagers Ltd., have submitted the application for expansion of the existing industry of installing 1000 TPD Physical refining Plant for increasing the production of Refined Palm Oil-7700 to 13333 TPM, Interestrified fat – 900 to 1750 TPM, Vanaspathi-900 to 2080 TPM & Palm fatty acid-by product-500 to 1000 TPM in the existing premises at Sy. No. 5, 6 & 7 Baikampady Industrial Area, New Mangalore. with an investment of ₹. 55 Crores. The KSPCB has issued CFE on 28.03.2011.

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. The compliance report of Environment Clearance & CFO issued by Government and KSPCB.
2. Revised Onsite Emergency Plan.
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 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.

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

File No. FEE 1 ECO 2011.

* * * * *

ANNEXURE

List of Members present in the meeting of the State Environment Clearance Committee held on 09.06.2011

- 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 M. R. Maheshkumar,
Under Secretary to Govt.
Urban Development Dept.,
Vikasa Soudha, Bangalore.
- 6 Under Secretary to Government,
Water Resources Department,
Vikasa Soudha, Bangalore-560 001.
- 7 Sri M. Sureshprajap Singh,
ADTP,
Bangalore Development Authority,
Bangalore.

- 8 Sri. D.R.Veeranna,
Additional Director, (Mineral),
Dept of Mines and Geology,
Khanija Bhavan,
Race Course Road,
Bangalore-560 001.
- 9 Sri. A R Vijayendra,
Joint Director
Factories and Boilers Department,
Karmika Bhavan,
Industrial Training Centre Complex,
Bannerhatta Road, Bangalore -560 029.
- 10 Sri A B Morappanavar,
Regional Director (Environment),
Forests, Ecology and Environment
Belgaum.
- 11 Sri. Shantala.M.S,
For Director,
Town & Country Planning Department,
113, Ground Floor, M. S. Building,
Bangalore -560 001.
- 12 Sri.M.Khalid Ahmed Khan,
Assistant Drugs Controller, Drugs Control Dept.,
P. B. No. 5377, Place Road, Bangalore 560 001
- 13 Sri. Dodda Aswatha Narayana Swamy,
Scientific Officer,
Ecology and Environment Department,
Bangalore.
- 14 Sri. A. Raghu,
Scientific Officer,
Ecology and Environment Department,
Bangalore.