ALL ZONES

1. Mrs. Medical Waste Solutions, Sy.No.200/2 & 202/2, Chottamallapuram (V), Kallur (M), Kurnool District.

The Committee noted the non-compliance of the CFO conditions/Directions issued by the Board. The representatives of the Common Biomedical Waste Treatment Facility (CBWTF) attended the legal hearing and explained the measures taken for collection, handling and scientific disposal of Bio-medical waste received at their unit. The representative of the industry informed that they installed web cameras and connected to CPCB. They also informed that they installed online gas analyzer and proposed to procure the new vehicles with GPS system for tracking of Bio-medical Waste. It was also informed that they will dispose off incineration ash to TSDF by end of this month and also develop the greenbelt in the coming monsoon season.

Recommendations:

The Committee after detailed discussions recommended to issue the following directions:

1. The Facility shall not collect un-segregated Bio Medical Waste from the HCEs.
2. The facility shall furnish the list of all the HCEs that are not segregating the Bio Medical Waste to EE, RO, Kurnool immedicately.
3. The facility shall conduct spore testing for the autoclave and submit report to EE, RO, Kurnool within one month.
4. The facility shall store incineration ash in secure manner and shall dispose of incineration ash to TSDF, Parawada within one week.
5. The CBWTF shall submit action plan within one week specific time frames for compliance of all conditions of CFO and BMW rules and incase of non compliance of BMW Rules, prosecution shall be launched against CBWTF.
6. The facility shall arrange GPS system for the vehicles which are used for collection of Bio-medical waste within 2 months.
7. The facility shall maintain records of incinerator / autoclave / shredder, diesel consumption, Manifest copies, vehicles and daily register of BMW collected from HCEs (HCE wise) and route wise collection at plant site.
8. The facility shall submit to Regional Officer, specifications of incinerator, autoclave and shredder along with latest validation reports of these equipments including spore testing immediately.
9. The facility shall develop thick greenbelt in and around factory premises in coming monsoon season.

2. Mrs. Sifion Drugs, Sy.No.25/4, Rachanipalli (V), Anantapur District.

The representatives of the industry attended the legal hearing and the complainant has not attended the legal hearing. The Committee noted the non-compliance of the CFO conditions / Directions and the extent of water pollution caused by the industry. The representative of the industry informed that they have applied for CFE for change of product mix. They also informed that they have started the processing of procurement of ATFD and they will install ATFD by end of September 2016. Finally the representative of the industry submitted a commitment letter to the Committee stating that the industry will comply the directions of APPCB within 3 months time.

Recommendations:

The Committee after detailed discussion, recommended to issue the following directions:

1. The industry shall not manufacture of un-consented products and shall produce the consented products to the capacity mentioned in the consent order only.
2. The industry shall apply for CFE order of the Board for establishment of 4 TPH capacity Boiler immediately.
3. The industry shall provide secondary Effluent Treatment Plant, RO system and ATFD to achieve Zero Liquid Discharge (ZLD) within 3 months.

[Signature]
MEMBER SECRETARY 1
4. The industry shall upgrade the stripper & Multiple Effect Evaporative within in 3 months.
5. The industry shall provide online VOC meters to record volatile organic matter in the ambient air within 3 months.
6. The industry shall store the chemical drums on a raised concrete platform in a closed shed immediately.
7. The industry shall maintain records of water meters, energy meters, MEE sludge/spent carbon and iron sludge.
8. The industry shall provide the Web Cameras to APPCB/GPCB website within 1 month.
9. The industry shall install flow meters in channel/drain/pipeline for recording the quantity of effluents within 1 month.
10. The industry shall not discharge any trade effluents on land within the premises.
11. The industry shall dispose off the stored hazardous waste to TSDF immediately.
12. The industry shall extend the Bank Guarantee of Rs. 10 Lakhs for one more year and submit the Bank Guarantee of Rs. 2 Lakhs within 1 month.

The committee recommended to direct the EE, RO, Kurnool to monitor the industry for compliance of the above conditions and also verify the quantity of hazardous waste generated, stored within the premises and disposed to M/s Anjani Portland Cement and TSDF after carrying out material balance.

3. Ms. Venkata Sai Ispat Industries Pvt Ltd., Nemakal (V), Bohmanahal (M), Anantapur Dist.

The representatives of the industry attended the legal hearing. The Committee noted the non-compliance of the CFO conditions/Directions. The representative of the industry informed that they have provided 2 Electro Static Precipitators for 2 kilns and operating them continuously. It was also informed that they installed one CAAQM station for carrying out continuous ambient air quality. They informed that interlocking systems and energy meters for air pollution control systems will be installed by 6 months. It was also informed that they will develop the greenbelt in the coming monsoon season and finally the management requested for revocation of closure order.

Recommendations:
The Committee, after detailed discussions, recommended to issue revocation of closure order for period of one year with the following directions:

1. The industry shall operate two ESPs connected to two kilns continuously.
2. The industry shall provide concrete internal roads to reduce fugitive emissions during movement of vehicles. Till such time industry shall provide water sprinklers for suppression of fugitive dust emissions within 1 month.
3. The industry shall install Energy meters for pollution equipment within 1 month.
4. The industry shall install the online stack monitoring systems for the stack attached to kilns and for the stack attached to the boiler within 3 months.
5. The industry shall maintain records of water meters and energy meters.
6. The industry shall store the raw material and finished products in closed sheds immediately.
7. The industry shall develop the thick green belt within the plant premises duly next monsoon season.
8. The industry shall ensure the validity CFO of the Board and ensure continuous compliance of the conditions issued by the Board.


The representatives of the industry attended the legal hearing. The Committee noted the non-compliance of the CFO conditions/Directions. The representative of Industry informed that functioning of the third MEE taken up to governing body meeting. They informed that they have released work order to NIO to carry out the relevant studies aquatic life nearby marine outfall and another work order has been released to Andhra University to carry out performance evaluation of CETP. It was also informed that digital flow meters will be installed by the end of
July 2016 and MEE energy meter readings are submitting to RO & ZO on weekly basis, through email.

**Recommendations:**

The Committee after detailed discussions recommended to issue the following directions:

1. The industry shall conduct calibration of online pollution monitoring systems provided in the plant in the presence of Board officials within 15 days.
2. The industry shall submit the CETP Evaluation report immediately.
3. The industry shall carry out monitoring of aquatic life near marine outfall periodically in association with NIO and submits the report to Board.
4. The industry shall start the 3rd MEE immediately.
5. The industry shall not transport effluents from their member industry through tankers within the JNPC premises, without prior permission of the Board.
6. The industry shall install online stack monitoring system for 10 TPH Boiler within 2 months.

5. **M/s. Hetero Drugs Ltd. (Unit-IX), Plot No.1, Hetero Infrastructure SEZ Ltd., N.Narsapuram (V), Nakkapalli (M), Visakhapatnam Dist.**

The representatives of the industry attended the legal hearing. The Committee noted the non-compliance of the directions and fire accident occurred at their unit. The representative of industry has informed that they will apply for CFE/CFO order of the Board for un-consented products by the end of this month. They will install scrubbers by the end of July 2016. They will provide the flow meters unit wise and will be completed by the end of July 2016. It was also informed that they will take all the pollution control measures to comply with Board directions.

**Recommendations:**

The Committee after detailed discussions recommended to issue the following directions:

1. The industry shall apply CFE/CFO order of the Board for un-consented products immediately.
2. The industry shall install multi stage scrubber and online pH meters within 1 month.
3. The industry shall complete the installation of fume extraction system with hood and connected to scrubber to control odour nuisance within 2 months.
4. The industry shall install flow meters unit wise for HTDS & LTDS effluents to ascertain the quantification within 1 month.
5. The industry shall not cause any odour nuisance in the industry premises.
6. The industry shall ensure the validity CFO of the Board and ensure continuous compliance of the conditions issued by the Board.


The representatives of the industry attended the legal hearing. The Committee noted the non-compliance of the directions. The representative of the industry informed that they will apply for CFE/CFO order of the Board for un-consented products. They informed that they provided the two stage scrubbers with online pH meters during the month of May 2016. They will make necessary arrangements to cover the storage tanks of HTDS & LTDS effluents by the end of September 2016.

**Recommendations:**

The Committee after detailed discussions recommended to issue following directions:

1. The industry shall apply for CFE/CFO order of the Board for un-consented products

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**MEMBER SECRETARY**
2. The industry shall cover the storage tanks of HTDS and LTDS effluents and connect to the scrubber to avoid odor nuisance within 2 months.
3. The industry shall ensure the validity CFO of the Board and ensure continuous compliance of the conditions issued by the Board.

7. M/s. Andhra Sugars Ltd., (Chloro-alkali Division), Saggonda (V), Gopalapuram (M), West Godavari District.

The representatives of the industry attended the hearing. The Committee noted the non-compliance of Board directions. The committee has discussed on the issue of storing of Sulphur and Sodium Chloride Salt in huge quantities in the open area and felt that the storage areas shall be lined so as to avoid seepage of Chemicals into the ground. They will take up all the pollution control measures to comply with Board directions. They will develop the green belt in the coming monsoon season.

Recommendations:
The Committee, after detailed discussions, recommended to issue the following directions:

1. The industry shall ensure that the storage areas of Sulphur and Sodium Chloride Salts don’t lead to seepage of chemicals into the ground.
2. The industry shall properly handle and store the sludge in land fill present in the premises.
3. The industry shall provide 4 Piezometric wells in and around storage of Sulphur & NaCl and secured land fill and shall carry out monitoring of wells to know the extent of ground water pollution within 2 months.
4. The industry shall provide leak proof inner surfaces in the land fill leachate collection pit within 1 month.
5. The industry shall properly treat and dispose off the stored leachate within 2 months.
6. The industry shall develop the thick green belt within the plant premises duly next monsoon season.

8. M/s. Visakhapatnam Port Trust, Port Area, Visakhapatnam

The representatives of the industry attended the legal hearing. The committee discussed issues relating to covering of all stock yards of dusty cargoes with tarpaulin, action plan for reorganization of coal stacking yards which are nearer to the city and re-furbishing of all the existing mechanical dust suppression systems. The committee also noted the non-compliance of CFO order conditions and the directions of the Board. The industry has informed that they have covered 50% of stock yards of dusty cargos with tarpaulins and remaining will be completed within one month. The representative of the industry informed that they will upgrade the STP of capacity 7 MLD to a capacity of 10 MLD within 3 months. They informed that they will take up issue of damaged water sprinklers and rectify and re-commission the same within one month. Finally, the management informed that they will take all the pollution control measures to comply with the directions issued by the Board.

Recommendations:
The Committee, after detailed discussions, recommended to issue the following directions:

1. The port shall cover all the stack yards of dusty cargoes (coal and other cargoes etc.) with permanent tarpaulins immediately and no coal stack yard shall exist without covering with tarpaulins.
2. The port shall remove all the existing dusty cargo from S4, S6 (R4, R10) areas by 31.12.2016 and shall not store any fresh dusty cargo at S4, S6 (R4, R10) areas.
3. The port shall complete the reorganization of dusty cargo stacking yards from S4, S6 (R4,
R10) areas to inner harbor by December 2016 as committed by Port.

4. The port shall not store any dusty cargos without MDSS facility.

5. The port shall complete the installation of new/refurbishing the existing Mechanical Dust Suppression Systems (MDSS) and shall be operated on regular intervals.

6. The port shall operate truck mounted fog cannon systems at loading/unloading of dusty cargos.

7. The truck tyre washing facility installed shall be operational immediately.

8. The Port shall connect the CAAQM data to web site of A.P Pollution Control Board from two stations immediately and third CAAQM station shall be installed by August 2015.

9. The port shall comply with all the directions issued by the Board vide order dt 28.12.2015.

10. The industry shall ensure the validity of CFO of the Board and ensure continuous compliance of the conditions issued by the Board.

11. Non-compliance of these conditions will enforce the submission of Rs.1.00 crore Bank Guarantee by the Port.


The representatives of the industry attended the legal hearing. The Committee noted that many complaints lodged by the public against the industry regarding discharge of effluents outside the industry premises and also noted the non-compliance of the directions and fire accident took place in the unit. It was also noted that the Board has rejected the CFO application for not treating the effluents and discharging outside the premises. The representative of the industry informed that they will upgrade the ETP by the end of September 2016. Finally, the management informed that they will take all the pollution control measures to comply with the directions issued by the Board and requested for revocation of stop product order.

Recommendations:

The Committee, after detailed discussions, recommended to issue revocation of stop production order with the following directions:

1. The industry shall upgrade the Effluent Treatment Plant within 3 months.

2. The industry shall not discharge any waste water/effluents outside the industry premises

3. The industry shall operate single stage scrubber provided near primary condenser and two stage scrubber provided purification of final product (Bio-diesel drying).

4. The industry shall ensure that there shall not be any oil spillages near storage tanks and shall clear oil spillages occurred near storage tanks during fire accident for further treatment.

5. The industry shall ensure the validity of CFO of the Board and ensure continuous compliance of the conditions issued by the Board.

10. M/s Safe Environ, (Unit-II), Dhmavaramupadu Thanda(V), Jaggalaghat (M), Krishna District.

The representatives of the Common Biomedical Waste Treatment Facility (CBWTF) attended the legal hearing and explained the measures taken for collection, handling and scientific disposal of Bio-medical waste. The Committee noted the non-compliance of the CFO conditions/Directions. The representative of the industry informed that they will install web cameras and connected to CPCB/APPCB by the 2nd week of July 2016. They also informed that they have installed GPS systems for the vehicles which are transporting bio-medical waste. The representative of industry informed that the ventur scrubber attached to incinerator was not in operation during the inspection of Board officials, as the motor was out of order burnt.

MEMBER SECRETARY
The motor has been repaired and scrubber is in operation.

**Recommendations:**

The Committee, after detailed discussions, recommended to issue the following directions:

1. The facility shall maintain records of incinerator/autoclave/shredder, daily diesel consumption, log book of vehicles, manifest copies, daily register of BMW collected from HCEs (HCE wise) and route wise collection and these records shall be available in factory premises.
2. The facility shall not collect un-segregated Bio Medical Waste from the HCEs.
3. The facility shall furnish the list of HCEs that are not segregating the Bio Medical Waste to EE, RO, Vijayawada within 1 month.
4. The CBMWTF shall submit action plan with specific time frames for compliance of all conditions of CFO and BMW rules and incase of non compliance of BMW Rules, prosecution shall be launched against CBMWTF.

11. **Mis. Hindustan National Glass & Industries Ltd., 12-299, APIIC Industrial Park, Menakuru, eyudupeta, SPS Nellore district**

The representatives of the industry attended the legal hearing. The Committee noted the non-compliance of the directions. The representative of the industry informed that the existing furnace is provided with dual type regenerator systems to control the particulate matter along with recovery of waste heat from the flue gases. They informed that they will ensure that the completion of the evaluation of the ETP/STP systems by a reputed 3rd party will be done within 3 months. It was informed that the lining of the pond with proper design and capacity will be taken up immediately. It was informed that the Pet coke is being handled in bulkers and loaded into storage silo from bulkers pneumatically in a closed loop system equipped with dusting units and thereby avoiding the spillages and fugitive emissions.

**Recommendations:**

The Committee, after detailed discussions, recommended to issue with the following directions:

1. The Industry shall continuously operate ETP and takeup evaluation of ETP/STP and furnish the report to the Board.
2. The Industry shall provide air pollution control equipment along with the increase of stack height for glass melting furnace so as to meet emission standards prescribed by the Board within 2 months.
3. The Industry shall provide water meters at sections wise to ascertain the water consumption and waste water generation within 15 days.
4. The Industry shall provide lined pond for collection and storage of treated waste water within 1 year.
5. The Industry shall not discharge the un-treated waste water onland without any treatment.
6. The Industry shall maintain good housekeeping, particularly at the Pet coke storage area.

The committee recommended to direct EE, RO, Nellore to monitor the stack attached to the glass melting furnace once in three months to evaluate the performance of the dual type regenerator provided in the furnace, performance of ETP and the house keeping near pet coke storage area.
The representatives of the industry attended the legal hearing. The Committee noted the non-compliance of the CFO conditions / Directions. The representative of the industry informed that they started construction work of new ETP of capacity of 100 KLD and the work proposed to be completed by end of August 2016. They also gave commitment to install web cameras after the completion of new ETP of capacity of 100 KLD. They informed that the water meters and flow meters will be provided after completion of the above ETP. It was also informed that they propose to provide dedicated pumps for pumping of all types of effluents into ETP.

Recommendations:

The Committee after detailed discussions recommended to issue following directions:

1. The industry shall construct new ETP of capacity of 100 KLD within 2 months. After completion of ETP, the industry shall install web cameras and flow meters at inlet and outlet of ETP. The data shall be connected to the CPCB/APCPCB website.
2. The industry shall maintain all records, log books as specified in the consent and submit records to Regional office, Nellore every 3 months.
3. The industry shall take up maintenance of existing ETP and RO Plant for better functioning.
4. The industry shall study the reasons for presence of high VOC values and shall take up necessary measures for minimizing VOC emissions on continuous basis within 1 month.
5. The industry shall maintain record of mixed solvents generated, stored and disposed immediately.
6. The industry shall store the chemical drums on raised concrete platform under a shed immediately.
7. The industry shall ensure the validity of CFO of the Board and ensure continuous compliance of the conditions issued by the Board.

The Committee recommended to direct EE, RO, Nellore to monitor the progress of construction of ETP, the installation of flow meters and web cameras on monthly basis. He is also directed to verify the VOC values on continuous basis.

The representatives of the industry did not attend the legal hearing. The Committee recommended to review the status in the next legal hearing.

The representatives of the industry attended the legal hearing. The Committee noted the non-compliance of the CFO conditions / Directions issued by the Board. The representative of the industry informed that they installed Dehydrator with an investment of Rs. 68 Lakhs. It works on the principle of distillation and ATFD may be waived. They also informed that they will take all pollution control measures to comply with the directions issued by the Board.

Recommendations:

The Committee after detailed discussions recommended to direct to Zonal Office, Vijayawada to inspect the industry to verify whether the dehydrator provided by the industry for the treatment of effluent can be considered as a treatment system in the place of ATFD. He is also directed to verify the entire effluent treatment system with dehydrator comes under ZLD or not. He also to verify the configuration of MEE provided by the industry. The inspection report shall be submitted to Board office within 10 days.
15. Ms. Dhana Lakshmi Stone Crusher, Sy.No.113/1,113/4A & 113/5A, Budawada (V), Chirakurthy (M), Prakasam District.

The representatives of the industry attended the legal hearing. The Committee noted the non-compliance of the CPCB conditions / Directions. The representative of the industry informed that they provided the cladding of vibrating screens and closed bunker for the storage of dust. They requested for revocation of closure order.

Recommendations:

The Committee after detailed discussions recommended to direct EE, RO, Nellore to verify the cladding of vibrating screens, closed bunker for the storage of dust etc. and provision of internal roads. He is also directed to verify the establishment of the unit with the sitting guidelines prescribed by the Board and submit the report to the Board office within 10 days.

16. M/s. Pearl Distillery Limited, Off NH5, Old Singarayakonda, Singarayakonda, Prakasam District.

The representatives of the industry attended the legal hearing. The Committee noted the non-compliance of the CPCB conditions / Directions. The representative of the industry informed that they installed online monitoring system and connected to the website. They informed that the industry has started abandoning two lagoons by removing sludge and it will be completed by the end of August 2016 and another 3 lagoons will be abandoned within one year.

Recommendations:

The Committee after detailed discussions recommended to issue following directions:

1. The industry shall abandon two lagoons immediately and the sludge from the lagoons shall be disposed off in a scientific manner. Another three lagoons shall be abandoned within a span of one year as committed by the management.
2. The industry shall take back the stagnated colored water from unlined lagoons / lined lagoons to ETP/VEE for further treatment immediately.
3. The industry shall cover the stored sludge with tarpaulins immediately.
4. The industry shall provide above ground level tank for collection of the fermenter cleaning water immediately.
5. The industry shall install online effluent monitoring system with web cameras at inlet and outlet of ETP and connected to APPCB / CPCB within 3 months.
6. The industry shall connect online stack monitoring system to APPCB / CPCB website immediately.
7. The industry shall provide proper storage system for multiple fuels to avoid the fugitive emission being carried away immediately.
8. The industry shall improve the house keeping around the boiler area.
9. The industry shall develop thick green belt coming monsoon season.

17. Edible Oil Industries located in Pantapalem (V), Muthukur (M), Nellore District

The representatives of following Edible Oil Refinery units operating in & around Muthukur Mandal of SPSR Nellore District have attended the legal hearing held on 25.06.2016.

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name &amp; address of the industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M/s. Krishnapatnam Oils &amp; Fats Pvt. Ltd., Sy No. 292 &amp; 317, Pantapalem village 1 (Epuru -1B), Muthukur Mandal, SPS Nellore district</td>
</tr>
<tr>
<td>2</td>
<td>M/s. Gemini Edibles &amp; Fats India Pvt. Ltd., Sy No. 1607/2, Industrial Park, Pantapalem Village, Muthukur Mandal, SPS Nellore district</td>
</tr>
<tr>
<td>3</td>
<td>M/s. Emami Biotech Ltd., No. 501, 502/1, 503/1, 503/2, 504, 507/1, 507/2, 509/1, 509/2, 510/1, 510/2, Pantapalem village, Muthukur Mandal, SPS Nellore district</td>
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</tbody>
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MEMBER SECRETARY
The MS, APPCB has reviewed the status of implementation of Action plan submitted by the Edible oil units item-wise.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Action Plan point</th>
<th>Time proposed to be completed from 03.02.2016</th>
<th>Present status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td><strong>Usage of surface water:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. Obtaining permission from the Government</td>
<td>1 Month</td>
<td>The SPV representative informed that the permission and allocation of the water was completed.</td>
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<tr>
<td></td>
<td>b. Usage of surface water through the tankers</td>
<td>45 days</td>
<td>The SPV representative informed that the bund of the reservoir is weak to ply the water tankers. It was informed that they are planning to lay a pipeline upto the road to fill water into the tankers.</td>
</tr>
<tr>
<td></td>
<td>c. Preparation of final DFR</td>
<td>2 months</td>
<td>The representative informed that a common pipeline will be laid from reservoir to the road point and from there water will be taken by road tankers.</td>
</tr>
<tr>
<td></td>
<td>d. Laying and commission of pipelines system</td>
<td>5 months</td>
<td>Not yet started.</td>
</tr>
<tr>
<td>2.</td>
<td><strong>Providing of Common Treatment and Marine Disposal System</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. Formation of Special Purpose Vehicle (SPV)</td>
<td>30 days</td>
<td>SPV formed and approved by Registrar of Companies. Bye laws are wetted by APIIC.</td>
</tr>
<tr>
<td></td>
<td>b. Projection of waste water generation for present and future</td>
<td>15 days</td>
<td>The industries have submitted the present data and the future anticipated data to the RO, Nellore.</td>
</tr>
<tr>
<td></td>
<td>c. Acquiring of 9.4 Acres land through the APIIC</td>
<td>1 month</td>
<td>No progress in acquisition of land. SPV informed that the land intended to be acquired for establishment of CETP is allotted to another new industrial project by APIIC and hence, the SPV has requested MS, APPCB to intervene in this issue and to represent the Govt. of A.P. so as to allocate adequate extent of</td>
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MEMBER SECRETARY
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<tbody>
<tr>
<td>d. Preparation of DPR for Common Treatment Facility and Marine Disposal Facility</td>
<td>2 months</td>
<td>SPV requested MS, APPCB that the Board may accord permission to engage M/s. Kushal Consultancy Pvt Ltd, which has piloted the establishment of CETP project in Vijayawada which was contemplated on Build, Operate and Transfer (BOT) basis and same was constructed and commissioned recently as the consultancy charges quoted by NEERI are at abnormally higher ends to prepare DPR and for establishment of CETP to meet handling and treatment requirements of waste water generates from all the Edible oil refineries.</td>
</tr>
<tr>
<td>e. Obtaining of statutory permissions for Common Treatment and Marine Disposal Facility</td>
<td>3 months</td>
<td>No action is taken, in this regard.</td>
</tr>
<tr>
<td>f. Construction of Common Treatment and Marine Disposal Facility</td>
<td>8 months</td>
<td>No action is taken, in this regard.</td>
</tr>
<tr>
<td>g. Construction of Common Tanker Washing Facility</td>
<td>8 months</td>
<td>No action is taken, in this regard.</td>
</tr>
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</table>

3. Management of Solid Waste

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<tbody>
<tr>
<td>A. Taking possession of identified abandoned mines in Venkatachalam Mandal for disposal of fly ash</td>
<td>1 month</td>
<td>SPV Representative informed that they have submitted a letter to the District Collector, SPSR Nellore District, which was forwarded to RDO, Nellore for taking necessary action.</td>
</tr>
<tr>
<td>B. Obtaining permission for disposal</td>
<td>2 months</td>
<td>Not yet obtained.</td>
</tr>
<tr>
<td>C. Commissioning of Common Solid</td>
<td>6 months</td>
<td>Not yet done.</td>
</tr>
</tbody>
</table>

MEMBER SECRETARY
<table>
<thead>
<tr>
<th>Waste Disposal Facility</th>
<th>3 months</th>
<th>The SPV representative has informed that M/s. Penna Cements Lts, Nalagonda has accepted to take ETP sludge into the Cement Klin for Utilization and the approval from the Board in this regard is awaited.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Providing mechanical ash and spent earth systems</td>
<td>3 months</td>
<td>All the units have provided mechanical ash collection system. 5 nos. of units have provided closed room storage facilities for spent earth and 2 more units are yet to provide the same.</td>
</tr>
<tr>
<td>5. Commissioning of Online Stack Monitoring Systems and connecting to APPCB portal</td>
<td>1 month</td>
<td>All the units have provided online stack monitoring facilities and are ready to give online connectivity. They informed that they had been in touch with the NIC for connectivity to APPCB website.</td>
</tr>
<tr>
<td>6. Upgradation of Air Pollution Control Systems</td>
<td>3 months</td>
<td>All the units have upgraded.</td>
</tr>
<tr>
<td>7. Augmentation of closed sheds for husk and coal</td>
<td>3 months</td>
<td>Complied.</td>
</tr>
<tr>
<td>8. Development of additional green belt within the plants</td>
<td>6 months</td>
<td>The industry representatives informed that the additional green belt would be completed in June. Plantation was done at vacant places available within the premises.</td>
</tr>
<tr>
<td>9. Preparation of road map for development of green belt in four identified nearby villages and avenue plantation along the roads leading to surrounding Villages</td>
<td>2 months</td>
<td>After the Monsoon sets in, it would be started.</td>
</tr>
<tr>
<td>10. Providing of Ambient air Quality Monitoring Stations in four identified nearby surrounding Villages</td>
<td>3 months</td>
<td>Two locations had already been identified at Pantapalem and Epuuru. Another two places would be identified in consultation with Regional Office. Placed work order for procurement of PM10 &amp; PM2.5 monitoring equipment.</td>
</tr>
</tbody>
</table>

The MS, APPCB noted that the progress regarding CETP is very poor and some of the time lines committed by the industries on action points were already exceeded. He expressed his displeasure for not at finalizing the DPR of CETP, not at filing applications for obtaining statutory permissions like EC & CRZ clearance.
The representatives of the industry attended the legal hearing. The Committee noted the non-compliance of the CFO conditions / Directions. The committee has also noted that the industry is utilizing coal with ash content of more than 34%. The representative of the industry informed that they will take up all pollution control measures to comply with the directions issued by the Board.

**Recommendations:**

The Committee after detailed discussions recommended to issue revocation of closure order with following directions:

1. The industry shall use Beneficiated coal with ash content less than 34% for the boilers as per Govt notification GSR No 02(E), dt.02.01.2014.
2. The industry shall upgrade the Air Pollution Control (APC) equipments provided to the boiler so as to meet the emission standards consistently.
3. The industry shall approach CRDA for utilization of fly ash in the works relating to Amaravathi and other construction projects coming up in and around Vijayawada so as to achieve 100% utilization of fly ash.
4. The industry shall take necessary measures to control fugitive emissions near by ash pond area.
5. The industry shall not discharge any ash containing waste water into agricultural channels located towards Eastern side of the plant.
6. The industry shall reuse the treated effluent to the maximum extent possible for all the units.
7. The industry shall install digital flow meters with totalizer for measuring the water consumption for different purposes as per the provision of Water Cess Act within one month.
8. The industry shall install CAAQM stations in the nearby affected villages within 3 months.
9. The industry shall submit the study report of health studies carried out influence zone and non-influence zone in co-ordination with DM & HO and Animal Husbandry Dept.
10. The industry shall comply the all the directions issued by Board vide order dt.04.04.2016.