### ALL ZONES

1. **M/s. The Thandava Co-operative Sugars Ltd., Payakaraopeta, Visakhapatnam.**

   The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have applied for CFO order of the Board and they upgraded the Effluent Treatment Plant. It was informed that they have released purchase orders for procurement of Continuous Ambient Air Quality Monitoring stations and online water monitoring systems. It was also informed that they installed Energy meters for the pollution control Equipment.

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

   1. The industry shall install the CAAQM and online water monitoring systems and connect to the APPCB and CPCB websites as per the Board's directions.
   2. The industry shall provide magnetic flow meters with totalizer facility at the inlet & final outlet of ETP and maintain log books.
   3. The industry shall store boiler ash and baggase in close shed / room to avoid fugitive emissions.
   4. The industry shall not discharge any effluents outside the industry premises.
   5. The industry shall establish environmental cell with qualified employees in the environmental field and experienced persons for effective operation of the ETP and Air Pollution Control Equipment.
   6. The industry shall obtain Consent for Operation order of Board immediately.
   7. The industry shall operate Effluent Treatment Plant continuously.

2. **M/s. Vasant Chemicals Pvt. Ltd., Plot no.10 & 10A, Western Sector, APSEZ, Atchutapuram, Visakhapatnam.**

   The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have obtained CFE amendment on 30.11.2016 for the installation of new 6 TPH Boiler. They informed that purchase order has been released for the procurement of Digital flow meters and installation will be completed by end of this month. It was also informed that the online VOC analyzer installed and the data is being recorded once in a shift in the register. They informed that web cameras are installed as per CPCB guide lines. They have dispatched 42 MT of iron sludge out of 100 MT to M/s. Ramco Cements during Nov'2016 and the remaining will be dispatched by end of Dec'2016.

   **Recommendations:**

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

   1. The industry shall apply CFO order of Board after commissioning of new 6 TPH Boiler.
   2. The industry shall provide digital flow meters at inlet of Stripper, ETP, RO permeate and reject and at the outlet of ETP, RO Reject within 15 days.
   3. The Industry shall provide multistage scrubbers for control of gaseous emissions within 3 months.
   4. The industry shall connect the online real time Monitoring (WEB Camera) facility to CPCB website and APPCB website immediately.
   5. The Industry shall provide Auto recording system to the scrubber within 2 months.
   6. The Industry shall maintain the records for the consumption of solvents, spent solvent generation & sent to recyclers, solvent recovered, actual products manufactured, effluent & Hazardous waste generation etc.
   7. The Industry shall lift the iron sludge to cement plant or TSDF, Parawada within one month.
   8. The industry shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

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**MEMBER SECRETARY**

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they installed separate pump to pump LTDS effluents from production block to above ground level collection tanks. They have prepared Environment Management Plan for change of product mix and will apply for CFE for change of product mix by end of this month. They will construct shed for storage of drums with elevated platform and leachate collection system is initiated and completed by end of January, 2017. They informed that they provide the dust collector for controlling emissions.

**Recommendations:**

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

1. The industry shall obtain revised directions from CPCB to the directions issued vide order No.B-29016/04/06 PCI-I/8665 dt.03.03.2016.
2. The industry shall not manufacture un-consented products.
3. The industry shall provide bag filters to 1.5 TPH coal fired boiler within 3 months.
4. The industry shall construct shed for storage of drums within 2 months.
5. The industry shall provide data logger to online pH meter within 1 month.
6. The industry shall dispose the existing stock of Hazardous Waste immediately.
7. The industry shall develop greenbelt in industry premises.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they provided data logging system to auto clave and connected online stack monitoring system equipment attached to the incinerator to Board website. It was also informed that they are operating auto feeding system and not operating the manual system.

**Recommendations:**

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

1. The facility shall not incinerate halogenated plastics, glass materials, needles & syringes along with the bio-medical waste.
2. The facility shall educate HCEs for segregation of Bio-medical waste at the source itself.
3. The segregated rubber and plastic components, disposable syringes shall be disinfected before disposal.
4. The facility shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises.
5. The facility shall maintain proper records for all operations carried out at the CBM VTF.
6. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

5. M/s. Silicon Life Sciences (P) Ltd., Plot No. 41, JN Pharmacy, Thanam (V), Parawada (M), Visakhapatnam District.

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they installation of bag filter is completed and commissioning is under process and the work will be completed by end of December, 2016. It was informed that they provided separate shed for storage of chemical drums.

[Member Secretary's Signature]
### Recommendations:

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

1. The industry shall not manufacture any un-consented products and file the CFE application for the un-consented products to the Board.
2. The industry shall submit report on performance of Bag filter attached to 5 TPH Coal fired boiler within 1 month.
3. The industry shall provide scrubbers to process reactors, if the industry manufactures API products.
4. The industry shall cover effluent storage tanks with hoods and vents of tanks/hoods should connect to Scrubbers.
5. The industry shall not be any spillages of chemicals/effluents on ground.
6. The industry shall not discharge any equipment cleaning water outside the plant premises. The same shall be stored properly and to be sent to CETP.
7. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

### M/s. Coastal Waste Management Project, JN Pharmacity, Parawada, Visakhapatnam District.

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have completed the laying of HDPE sheet as a part of capping works. They have installed GPS systems for all the vehicles and user name and password informed to ZO, Visakhapatnam for access of the same. They have connected continuous emission monitoring system of incinerator to CPCB website. It was also informed that they have requested to EFS&T Department of A.P Govt. for old landfill de-notification and new landfill notification. Still it is pending with EFS&T Dept. of A.P Govt. Also they have re-requested on 14.09.2016 for the notification and de-notification.

### Recommendations:

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

1. The facility shall cover land fill cells with tarpaulin immediately on temporary basis to avoid the seepages during the rainy season.
2. The facility shall submit the closure plan (capping plan) of the landfill (Phase-III) to the Board immediately & start the capping of landfill cells of Phase-I & II in consultation with Regional Office, Visakhapatnam.
3. The facility shall achieve 10 meters Green belt towards north, south and west direction of the existing landfill.
4. The facility shall pursue with the Govt. of AP, EFS&T department to de-notify the old landfill site and notify new land fill site at the earliest to develop the compensatory green belt equalent to new landfill area within Pharmacity area or preferably in abandoned landfill area to comply the Board directions.
5. The facility shall file the water cess returns to the Board immediately.
6. The facility shall deposit the balance amount in the ESPROW A/c. as per the directions of APPCB issued from time to time.

### M/s. Aktinos Healthcare Pvt., Ltd., Plot No.80, JNPC, Parawada, Visakhapatnam.

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have prepared Environment Management plan for change of product mix and will applied for CFE for change of product mix within a week time. It was informed that double stage scrubber is connected to all process vents to control process emissions. Scrubber is fitted with online pH meter.

**MEMBER SECRETARY**
Recommendations:

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

1. The industry shall not manufacture any un-consented products and shall apply for CFE order of Board for change of product mix immediately.
2. The industry shall install solvent recovery plant within three months.
3. The industry shall dispose off the organic waste stored within the premises to TSDF, Parawada immediately.
4. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. They informed that double stage scrubber is installed and in operation. They have provided storage shed for storing of raw material drums, solvent drums, waste drums. They have informed that they provided online PH meter to the Scrubber and auto recording facility to VOC monitoring system. It was also informed that they provided detoxification shed with covered plat form along with Dyke walls and separate sump constructed to collect wash water routed to LTDS tank.

Recommendations:

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

1. The industry shall not manufacture any un-consented products.
2. The industry shall immediately remove the below ground level storage tanks and construct above ground level tanks for storage of effluents.
3. The industry shall dispose the organic residue regularly to TSDF /cement industries.
4. The industry shall construct shed for the storage of coal within 2 months.
5. The industry shall properly segregate the Effluent into LTDS and HTDS Effluents.
6. The industry shall provide separate storm water drains and first flush collection tanker to collect contaminated rain water for final disposal to CETP.
7. The industry shall cover the HTDS and LTDS storage tanks and the centrifuge vents shall be connected to the scrubber to avoid smell nuisance at effluent storage area.
8. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that refinery is not commissioned and they have installed one CAAQM station. Other 2 stations will be installed before commissioning of refinery. It was informed that they have provided storage facilities for fly ash with a capacity of 2X1000 M³ & for bed ash with capacity of 1X360 M³. Rubber belt curtain is provided around the un-loading point and water sprinkling is provided.

Recommendations:

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

1. The industry shall install and commission remaining two CAAQM stations as per CFO order dated 19.08.2015.
2. The industry shall use 70% pet coke and 30% of imported coal as fuel to the Boilers as specified in CFO order.
3. The industry shall provide lift/spiral ladder to the stacks for conducting stack monitoring.
4. The industry shall ensure continuous operation of water sprinklers to control fugitive emissions generated from handling of coal.
5. The industry shall control the dust emissions generated at in the coal and ash handling area.
6. The industry shall connect the waste water generated from canteen/hostel to the STP for treatment.
7. The industry shall provide water meters at inlet and outlet of STP and energy meter, the treated water shall be utilized for green belt development and shall be discharged into the natural streams.
8. The storm water drains shall be cleaned frequently and shall not be allowed to mix with either trade or domestic effluent.
9. The industry shall install web cams as per CPCB guidelines within 1 month.
10. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have applied for CFE for change of product mix on June, 2013. They have initiated for CFE for change of product mix incorporating all validated products, application will be submitted by January, 2017. It was informed that both stack monitor’s data processing unit was damaged and they have procured necessary spare parts. The system will be completed by end of Dec’2016. It was also informed that they have installed magnetic flow meters for outlet of MEE condensate and ATFD condensate lines.

Recommendations:

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

1. The industry shall obtain CFE & CFO of the Board for the new products & validation products within 1 month.
2. The industry shall rectify 2 no. of online stack monitoring systems properly within 15 days.
3. The industry shall ensure to connect the CAAQM stations with web site of APPCB immediately.
4. The industry shall maintain the elevated concrete platform for storing all the drums containing chemicals/residues/mixed solvents/wastes to prevent ground water contamination.
5. The industry shall dispose the organic salt and inorganic salt to TSDF/authorization agency within 2months.
6. The industry shall not send the spent / mixed solvents to recyclers. They shall process the same at solvent recovery plant within the plant premises.
7. The industry shall provide all safety measures including fire fighting system.
8. The industry shall submit the action plan for online bio-assay testing facility at each outlet of the guard ponds within one month.
9. The industry shall achieve zero odour nuisance in the surroundings.
10. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.
11. M/s. Sri Vijaya Rama Gajapathi Co-op Sugars Ltd., BheemSinghi (V), Jami (M), Vizianagaram District.

The representatives of the industry attended the legal hearing. The committee noted the industry has not up-graded the Effluent Treatment Plant and Air Pollution Control Equipment and noted the non-compliance of CFO order / the directions of the Board. The representative of the industry informed that they have applied for CFO order of the Board and they will upgrade the Effluent Treatment Plant and Air Pollution Control Equipment system by end of this month.

Recommendations:

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

1. The industry shall installed online continuous effluent monitoring equipment at outlet of effluent treatment plant and web cameras for real time monitoring of treated effluent disposal and shall connected to APPCB/CPCB website.
2. The industry shall pay the balance fee of Rs. 4,81,600/- towards CFO fee for a period up to 31.03.2016. The industry shall obtain CFO before ensuring crushing season 2016-17 duly paying the balance CFE/CFO fees immediately.
3. The industry shall upgrade the Air Pollution Control Equipment (multi cyclone dust collector) installed to the 2X20TPH bagasse fired boiler, with bag filter as directed earlier, before ensuring crushing season 2016-17.
4. The industry shall upgrade and commission the Effluent Treatment Plant before the ensuing crushing season and the treated effluent shall be utilized for on land for irrigation / Plantation duly meeting the Board's standards.
5. The industry shall provide magnetic flow meters with totaliser facility for water consumption for various purposes i.e cooling make up, boiler makeup, process and domestic etc.
6. The industry shall provide magnetic flow meters with totalizer facility to the inlet & final outlet of ETP and maintain log books.
7. The industry shall not discharge any effluents outside the industry premises.
8. The industry shall take necessary safety precautions during operation of the Plant.

The committee recommended to direct EE, RO, Vizianagaram to verify the exact amount of CFO fee to be paid by the industry upto to 31.03.2016 and pursue the industry to comply with the above directions scrupulously.

12. M/s. Rajiv Gandhi Institute of Medical Sciences, Balaga, Srikakulam.

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they will apply for Consent for Operation of the Board by end of this month. It was also informed that they have rectified STP and put it operation. The management has informed that they have not released with the sufficient funds to maintain STP and procure equipment for Bio-medical Waste Management.

Recommendations:

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

1. The HCE shall ensure the segregation of BMW as per colour coding at the source at all wards.
2. Industry shall continuously operate the existing ETP to meet discharge standards at any point of time and the treated effluent shall be used as maximum as possible for development of Greenbelt within the premises.
3. Industry shall maintain daily records for the colour coded wastes generated in the HCE.

4. The HCE shall provide regular training sessions to the nursing staff in handling and segregation of bio-medical waste as per Bio-Medical Waste Rules.

5. The HCE shall obtain Consent for Operation (CFO) & Bio-Medical Waste Authorization (BMWA) immediately.


The representatives of the industry and the complaints attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The committee noted that the Board received a complaint from Potiah Valasa Youth (Siva Sai Yuvajana Sangam) nearby village against the industry causing water pollution and health hazards to the surrounding villages.

The representative of industry informed that they contacted M/s. Shirvi Green Energy, Chettimalappuram (V), Kalluru (M), Kurnool District, which is a waste to energy unit for incineration of plastic wastes. The unit tentatively agreed for taking plastic waste by suggesting the industry to send 150 tons of waste to process on trial basis. The remaining waste will be sent by end of January, 2017.

They informed that they placed orders for erection of online dust monitoring for the boiler and will be installed by end of January, 2017. They provided the piezometric wells around the lagoons. It was also informed they will take up all pollution control measures to comply with Board directions.

**Recommendations:**

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

1. The industry shall immediately contact the cement industries and shall explore the possibility of using plastic waste in the cement industries for co-incineration / co-processing / recycling units. The industry shall store plastic waste in a safe manner within the premises and avoid being carried away to the surrounding environment.

2. The industry shall submit time Bound Action plan for the capping existing lagoons within 6 months.

3. The industry shall stop the usage of existing ETP sludge dumped lagoons; cap the lagoons with soil layer with adequate thickness and develop green carpet within six months time. Further the industry shall store the presently generated sludge on the raised concrete platform and explore the possibility of using the dried sludge as fuel in the boiler or in the cement industries for co-incineration within three months time.

4. The industry shall monitor piezo wells every month through a recognized laboratory to monitor the ground water pollution.

5. The industry shall provide online dust monitoring system to the boiler and the same shall be connected to the APPCB web site within a month time.

6. The industry shall maintain logbooks showing energy consumption for ETP, APC and water meter & waste water readings at various sections to quantify the same.

7. The industry shall use the treated effluent for development of green belt within the industry premises and shall not discharge into the river Vamsadhra or any surface waters under any circumstances.

8. The industry shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

[Signature]  
MEMBER SECRETARY
The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The committee discussed issues relating to covering of all stock yards of dusty cargos 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 Port has informed that as per the directions of the A.P. Pollution Control Board three stations CAAQM stations installed and three stations data is under calibration stage and the data will be uploaded to APPCB/CPCB website. It was informed that the 5000 tons cargo stored at S6 stacking yard, it will be removed with 3 days. They are proposed 2000 plants for plantation at newly constructed compound wall along 2 to 3 rows outside and 10 rows inside to be completed by March 2017. They informed that the dusty cargo at S6 area would be shifted to inner side of the harbor and regarding accumulated dust on the flyover, the flyover is being maintained by M/s. NHAI and they are being addressed regularly.

Recommendations:

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

2. M/s. VPT shall procure the sweeping machines and shall deploy temporarily on the flyover for removal of accumulated dust.
3. M/s. VPT shall complete the plantation at the inner side of the newly constructed compound wall by February 2017.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have provided section wise water meters to measure the water consumption. It was informed that provision of lined pond is under active consideration and will be completed by one year. It was also informed that they take up all pollution control measures to comply with Board directions.

Recommendations:

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

1. The industry shall upgrade the Air pollution control Equipment system immediately.
2. The industry shall provide lined pond for collection and storage of treated waste water within one year.
3. The industry shall not cause ground water pollution in and around the industry premises.
4. The industry shall not discharge the untreated waste water on land.
5. The industry shall comply all the directions issued Board vide order dt. 20.06.2016.
6. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board vide order dt.20.06.2016.


The representatives of the industry and the complaints attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The committee noted that the Board received a complaint from the residents of santhinagar colony, Kondapalli regarding odour nuisance and air pollution problems to the surrounding inhabitants.

MEMBER SECRETARY
The complaints informed that they are facing heavy smell nuisance during night time and air pollution causing skin diseases and damage the agriculture lands.

The representative of the industry informed that they are receiving 40% of capacity of effluents from the member industries only. It was informed that the smell nuisance might have caused due to the leakages during repair works of machinery to the surrounding area. The Committee recommended to upgrade the ETP by applying the new technology so as to reduce the odour nuisance. The committee requested the management to visit the best CETP in India (for example: Gujarat & Maharashtra State) and implement the technologies adopted by the CETPs.

**Recommendations:**

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

1. The industry shall install bag filters for the boiler of capacity 4 TPH within two months.
2. The industry shall take necessary measures for mitigation of odour nuisance.
3. The industry shall cover the HTDS collection tank as per CFO order condition immediately.
4. The industry shall provide digital flow meters with totalizers for different streams of effluents and different categories of water usage.
5. The industry shall install online effluent monitoring system with Web cameras and connect to the APPCB & CPCB website.
6. The industry shall dispose of the forced evaporation salts stored within the premises to TSDF, Parawada immediately.

The committee recommended to direct the EE, RO Vijayawada to inspect the CETP and submit the status of compliance of above directions. The committee will review the status of compliance after receipt of report.

17. **Edible oil industries located in Pantapalem (V), Muthukur (M), Nellore District.**

The representatives of the Edible Oil industries have attended the legal hearing. The Committee noted the poor implementation of action plan submitted by the Krishnapatnam Edible Oil Refiners Association and non-compliance of Board directions. The representative of Edible Oil Industries have informed that they have met the District Collector for allotment of land for the CETP and allotment of water supply from Surveyapalli Reservoir through pipeline. The District Collector, Nellore has conducted a meeting with APIIC officials and Krishnapatnam Edible Oil Refiners Association for allotment of land to CETP. It was assured to allot 8 acres of land for CETP. It was informed that M/s.NEERI, Nagpur has carried out detailed study on performance of existing systems of two units and further study of remaining units will be completed by the end of January, 2017. The interim report will be ready by February, 2017.

They informed that stack monitoring systems have been installed in all the Edible Oil industries located at Krishnapatnam Port area and connected to the APPCB website by the end of this month.

18. **M/s. Susaah Laboratories (P) Ltd., Plot No. 78, Phase-II, Industrial park, Nadikudi (V), Dachapalli (M), Guntur District.**

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have commissioned the ZLD system and they are treating the waste water once in three months based on the generation of effluents and salts are disposing to authorized cement industries. It was informed that they have provided detoxification of chemical drums and waste water is routed to effluent tank. It was also informed that they have constructed closed shed with leachate collection pit for storage of hazardous waste.
Recommendations:
The Committee after detailed discussions, recommended to issue the following directions:

1. The industry shall operate the ZLD to treat the waste water generated and to dispose the salts to TSDF regularly.
2. The industry shall dispose the hazardous waste to authorized agencies from time to time to stop further open storage of chemical drums/process waste partially packed with polythene bags.
3. The industry shall follow detoxification of the cyanide effluents as per standard procedure.
4. The industry shall maintain dyke wall at the process and MEE area for collection of spillages.
5. The industry shall install online pH meter with auto recording system to the process scrubber + to provide online VOC meter for continuous recording of VOCs monitoring around the industry.
6. The industry shall maintain records on operation & separate energy meter for pollution control measures.
7. The industry shall improve housekeeping and to obtain prior permission from the Board to operate pilot plant at onsite and waste characterization.
8. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they renewed Bank Guarantee of Rs.16 Lakhs on 02.12.2016 for a period of one year. It was informed that flow meters procured from M/s. Scientific Devices, Bombay and will be completed by end of this week. It was also informed that they procured 2500 MTs of press mud during last season apart from press mud generated in the sugar unit. Now, the sugar plant also in operation, this season they are planning to crush 2 Lakh MT of sugar cane. This will generate 8000 MT of press mud. They also plan to procure 5000 MT press mud from neighbor units. This quantity will meet Zero Liquid Discharge at full production capacity. Finally the management requested the Board to return the expiry Bank Guarantees as they have furnished new bank guarantee.

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

1. The industry shall procure the required press mud for Bio-composting to meet zero discharge to treat the spent wash to be generated at full production capacity.
2. The industry shall submit performance evaluation report of MEE, RO plant and digester to the Board within 15 days.
3. The industry shall provide flow meters to measure MEE condensate, RO permeate, RO rejects and also at outlet of Digester to measure spent wash within one week.
4. The industry shall not discharge the waste water outside the industry premises under any circumstances.
5. The industry shall maintain daily records of energy consumption for air pollution control equipment provided to the 90 TPH boiler along with meter reading and submit monthly report to the EE, RO, Nellore and Zonal Office, Vijayawada.
6. The industry shall comply the all directions issued by the Board vide order dt.28.03.2016 & 05.08.2016.
7. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.

The Committee recommended to direct the EE, RO, Nellore return all expired Bank Guarantees to the industry as they have furnished new bank guarantee.
20. M/s. AWM Consulting Ltd., Pachikapallam (V & P), Vedurukuppam (M), Chittoor District.

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. It was informed that they are collecting segregated BMW from all Corporate Hospitals and not received segregated BMW from small HCEs. They are planning to conduct awareness programs in coordination with the APPCB for creation of awareness in segregation of BMW. They informed the ash collected will be disposed by end of this month.

Recommendations:

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

1. The common biomedical waste treatment facility shall collect segregated biomedical waste from HCEs only.
2. The facility shall store the biomedical waste collected in polythene bags in separate chamber.
3. The incinerated ash which is filled up in two pits is to be disposed off to TSDF facility immediately.
4. The facility shall not operating manual feeding of biomedical waste into the incinerator and shall operate only auto-feeder system.
5. The segregated rubber and plastic components, disposable syringes shall be disinfected before disposal.
6. The facility shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises.
7. The industry shall develop green belt in the vacant area of the premises.
8. The facility shall maintain proper records for all operations carried out at the CBMWTF.
9. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.
10. The industry shall comply with the board directions issued vide Ir.dt. 04.06.216., within the stipulated time.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and directions of the Board. The industry is treating and recycling 150 to 160 KLD of water stored outside pond so as to reduce fresh water consumption. The industry has also installed water meters towards measurement of recycling of water.

It was also informed that they are continuously operating the FGD plant attached to the Rotary Kiln and they have installed one filter press in the FGD plant and taken into operations. This filtered water is then recycled back to the scrubbing process and consumed in the leaching section process. It was informed that they are disposing off the accumulated sludge to the brick manufacturing units and the quantity of sludge present in the industry premises is 10000 tons only. This will be disposed to the brick manufactures in 4 months time.

Recommendations:

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

1. The industry shall submit the action plan for disposal of solid waste stored within the premises within four months.
2. The industry shall operate the wet scrubber provided to the FGD Plant attached to Rotary kiln to control SO₂ emissions.
3. The industry shall recycle the waste water generated from the process completely.
4. The industry shall construct a lined platform with leachate collection for storage of sludge within 3 months.
5. The industry shall operate the air pollution control equipments regularly and maintain log registers.
6. The industry shall not discharge treated effluents/un-treated effluent into outside premises.
7. The industry shall take necessary measures to avoid accumulation of dust on roads near the sludge collection area and sludge dump area.
8. The facility shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board vide order dt.12.06.2015.

The committee recommended to direct the EE, RO, Tirupati to inspect industry every month and furnish status of compliance of the directions issued by the Board. The status of compliance will be reviewed after 3 months.

[Signature]
MEMBER SECRETARY