The representatives of the industry attended the legal hearing. The committee noted that the industry was discharging part of wastewater through Kucha drains leading outside the industry premises into Kandivalasa Gedda, which ultimately joins into sea and the COD & BOD values of the waste water samples collected at the outlet of ETP exceeding the Board’s standards and also online DO meter in the marine outfall line is not working. It was also noted that the industry has laid pipe line of 1 mtr. dia near ETP Area to outside the premises.

The representative of the industry informed that steam condensate water tank was being rectified on the day of inspection on 06.12.2016 and the small portion of waste water discharge. It was informed that online DO monitor integrity Circuit was failed and this will be arranged on or before 28.02.2017. In the mean time portable D.O monitor was used to check D.O levels.

The company representative has also informed that the pipeline (from ETP area to outside) was dismantled after receiving the instruction from the Board besides closing the openings along the compound wall.

They informed the ground MEE feed tank was constructed to store the HTDS waste water. Leakages were observed from this tank and it was emptied immediately for rectification work. Grouting of leaks is in progress and will be completed by 31.03.2017.

**Recommendations:**

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

1. The industry shall abandon the katcha drain leading to Kandivalasa Gedda immediately.
2. The industry shall remove the pipeline passing along the Kandivalasa Gedda immediately.
3. The industry shall construct effluent tanks of ETP above ground level tanks so as to avoid seepages into the ground.
4. The industry shall rectify the online DO monitor within 15 days.
5. The industry shall rectify the online TOC analyzer within 15 days.
6. The industry shall rectify the leakages of MEE feed tank within 15 days.
7. The industry shall submit comprehensive plan of storm water management within 15 days.
8. The industry shall comply with the directions issued by the Board vide order dt.19.12.2016.
9. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order dt.13.03.2015.

The committee also recommended to direct EE, RO, Vizianagaram to monitor Kandivalasa Gedda drain by collecting water samples every month. He is also directed to closely watch the industry regarding discharging of effluents into Kandaivalasa Gedda drain.

2. **Sago Industries around Samalkot Canal, East Godavari District.**

The representatives of 10 no. of industries have attended the legal hearing. The committee noted that the Board is concerned about the pollution of Samalkot Canal drain due to the discharges of industrial units and sewage from urban local bodies. It was also observed that the Hon’ble High Court has given directions to the district administration on 11.06.2016
in W.P.No.14031 of 2009 with respect to the pollution of Samalkot Canal. It was directed to ensure that no industrial / manufacturing units should discharge water into the Samalkot Canal even if such water is treated. A time frame may be fixed to ensure that no such discharge take place from the industrial / manufacturing units located on the banks of Samalkot canal. The committee has noted that 3 nos. of sago industries are located adjacent to Samalkot Canal and other sago industries exist in the downward gradient of Samalkot canal.

The representative of industries informed that the industries are operated seasonally (operates 30 - 40 days in the year) with a 30 to 40% production capacity due to non availability of raw material and financial problems. They informed that 3 nos. of sago industries are not in operation out of 10 nos. of industries.

The Committee advised sago industries to explore the possibility of construction of Common Effluent Treatment Plant away from Samalkot Canal. It was also instructed to operate the effluent treatment plant and not to discharge waste water into Samalkot Canal.

**Recommendations:**

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

1. The industry shall operate ETP to meet discharge standards as stipulated by the Board.
2. The industry shall store the treated effluents in the lined lagoons and shall use for land application only. The unlined lagoons existing in the premises shall be closed.
3. The industry shall install magnetic flow meter with totalizer facility at the inlet and final outlet of the ETP.
4. The industry shall not discharge any effluent into Samalkot Canal under any circumstance.
5. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order.

The committee recommended to direct EE, RO, Kakinada to convene a meeting with all Sago industries to explore the possibility of construction of common effluent treatment plant and submit the report within 15 days.

<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The representatives of the industry attended the legal hearing. The committee noted that the ZO, Visakhapatnam issued closure orders for non-compliance of CFO order conditions and the directions of the Board. The representative of the industry informed that they have closed down the unlined lagoon, rectified openings of husk storage room and raised the height of wall by providing GI sheet towards Eastern &amp; Southern directions to avoid husk being carried away. It was also informed that they installed additional west scrubber as air pollution control equipment to the boiler along with separate energy meter. It was informed that planted saplings in Eastern &amp; Western direction around compound wall. Finally, the management requested the Board to revocation of stop production order.</td>
</tr>
</tbody>
</table>

**Recommendations:**

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

1. The industry shall install wet scrubbers for 3 TPH Boiler in addition to the existing multi cyclone dust collectors as committed by the management within two months.

[Signature]

MEMBER SECRETARY 2
2. The industry shall raise height of wall with GI sheet towards village side i.e.,
Southern direction.
3. The industry shall store the husk & husk ash in closed rooms only. The industry shall
not store the husk & husk ash openly.
4. The industry shall maintain good house-keeping within the premises.
5. The industry shall develop the Green Belt in the Eastern and Southern directions
    towards village side.

    Visakhapatnam.

The representatives of the industry attended the legal hearing. The committee noted the
Board received a complaint against the industry regarding discharging of untreated waste
water into the Sarada River. The committee also noted that the industry has not upgraded
the Effluent Treatment Plant, not provided additional diffused aerated lagoon followed by
secondary clarifier/waste stabilization pond, storing the Bagasse openly, not provided the
flow meters, not upgraded the Air Pollution Control Equipment System. The EE, Regional
Office, Visakhapatnam has informed that the untreated waste water is being bypassed into
unlined lagoons without treatment and the overflow of untreated effluents from the pond is
finding their way to outside the premises. He is also informed that the analysis reports of
the waste water samples collected from the lagoons and water samples from Sarada River
have revealed that the parameters are exceeding the Board standards.

The Representative of the industry informed that they will not discharge any waste water
directly or indirectly to the River Sarada. It was informed that they have rectified and
replaced the damaged internal of ESP like collection plates, emitting electrodes and control
electrodes. They have constructed new pond for storage of treated effluent bearing
capacity of 15 days. The industry requested 15 days time for compliance of Board

Recommendations:

After detailed discussions, the committee recommended to direct the EE, RO,
Visakhapatnam to inspect the industry and furnish the detailed inspection report along with
compliance on the directions issued by the Board vide order dt.21.09.2016 and reply
furnished by the industry within a week time. The committee will review the status of
compliance after receipt of report from the EE, RO, Visakhapatnam in the next meeting.

5. 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 implementation of action plan submitted by the Krishnapatnam Edible
Oil Refiners Association and non-compliance of Board directions. The representative of
Edible Oil industries informed that they are pursuing with District Authorities and APIIC for
allocation of land for construction of CETP. NEERI team has completed the preliminary
study of all the units and will submit its interim report in the month of February’2017 with
regard to the up gradation of Monitoring system and establishments of the CETP. The
representative of Edible Oil industries informed that there is a petition pending before
Hon’ble NGT, Chennai. M/s. Gemini Edibles & Fats India Pvt. Ltd., Industrial Park,
Pantapalem (V), Muthukur (M), SPSR Nellore District requested to return expired bank
guarantee of Rs.50 Lakhs.

The Committee informed the Krishnapatnam Edible Oil Refiners Association to request the
Chief Secretary, Govt. of A.P., with regard to the allotment of land for CETP, water supply

[Signature]

MEMBER SECRETARY
through pipeline and allotment of abandoned mines for disposal of solid waste and submit the report in the next meeting.

**Recommendations:**

The Committee recommended to direct the EE, RO Nellore to return the expired Bank Guarantee of Rs.50 Lakhs to M/s. Gemini Edibles & Fats India Pvt. Ltd., Industrial Park, Pandalapalem (V), Muthukur (M), SPSR Nellore District as they have complied with most of the conditions. The EE, RO, Nellore is also directed to submit latest inspection report on all edible oil industries to the Board (Legal Cell), so as to file affidavit in NGT, Chennai.

### 6. M/s. Siva Sai Stone Crusher (Unit-II), Sy.No.94/1A2 to 94/1A5, Budawada (V), Chimakurthy (M), Prakasam District.

The representatives of the industry attended the legal hearing. The committee noted that the Board had issued closure order to the M/s. Siva Sai Stone Crusher (Unit-II), Sy.No.94/1A2 to 94/1A5, Budawada (V), Chimakurthy (M), Prakasam District for non-installation of required air pollution control equipment and without obtaining CFE / CFO order of the Board. The representative of industry informed that they provided dust bunker for storage of dust, GI sheet covering to the screen and GI sheet cladding to the dust conveyor to control fugitive emissions. The committee noted that the industry is not having adequate land to leave 50m width of buffer zone. The committee instructed the management to take land Ac.1 on lease immediately. Finally, the management requested the Board to issue Temporary Revocation of Closure Order.

**Recommendations:**

The Committee after detailed discussions, recommended to issue **Temporary Revocation of Closure Order** for a period of one year with the following directions:

1. The industry shall obtain CFE & CFO order of the Board as required under Sec.25 / 26 of Water Act and under Sec.21 / 22 of Air Act immediately.
2. The industry shall operate Air Pollution Control Equipment continuously.
3. The industry shall take land of 1 acre on lease immediately for the development of green belt around the crusher.
4. The industry shall provide water sprinklers within one month.
5. The industry shall develop thick green belt within the plant premises.

### 7. M/s.Bhagiradha Chemicals & Industries Ltd., Cheruvukommupalem, Ongole (M), Prakasam District.

The representatives of the industry attended and complainant did not attend the legal hearing. The committee noted that the Board received a complaint through MoE&F, New Delhi filed by Hon’ble Member of Parliament (LOK SABHA), Ongole regarding unbearable pollutants discharged by industry. The committee also noted that the industry is not properly sending the hazardous waste to TSDF. About 800 to 1000Tonnes of hazardous waste are stored in an underground storage tank, godown and on open area.

The representative of the industry informed that Hazardous waste sending to TSDF, Parawada, Visakhapatnam regularly and maintaining records. The industry has disposed off nearly 1900tonnes of hazardous waste in the last two months. The Balance quantity of hazardous waste will be disposed off to TSDF, Visakhapatnam by February’2017. It was informed that they installed multi-stage scrubbers to minimize odour. All vents of reactor and storage tanks are connected to scrubbers.

[Signature]

**MEMBER SECRETARY**
It was also informed that the Low TDS effluents are treated in a stripper to remove low volatile organics and the stripped effluents are treated in MEE. The concentrate from MEE is treated in Batch evaporator. The residue from batch evaporators obtained after evaporation of water is incinerated in rotary kiln and the solids obtained are safely disposed off to secured land fill. The condensate water from MEE and evaporators are treated in ETP. The treated effluent from ETP is further treated in RO plant. The permeate from RO is being used for cooling towers. The rejects from RO are sent to MEE for concentration. They informed that the industry is not storing the effluent in North-East pond. No sludge present in the pond. The management requested the committee to continue the pond located in the North-East direction will be continued to utilize for storage of rain water, which ultimately used for green belt development. The Committee instructed the management to provide lining to the pond located in the North-East direction within one month and then utilize the same for the storage of rain water.

The EE, RO, Nellore informed that the industry is not discharging untreated effluents to outside the premises. He also informed that smell nuisance observed in the industry premises due storage of Hazardous waste and not maintaining housekeeping properly.

The committee has recommended forfeiting the Bank Guarantee of Rs.5.0 Lakhs (BG No. 16340100006134, dt. 15.12.2016) for non-compliance of Board directions.

Recommendations:

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

1. The industry shall ensure proper operation of online VOC analyzer and online monitoring system connected to kiln stack.
2. The industry shall dispose off remaining hazardous waste stored within the premises to TSDF, Visakhapatnam within 30 days (1 month).
3. The industry shall operate Effluent Treatment Plant and ZLD system continuously.
4. The industry shall monitor ground water quality at upstream, downstream of the unit, in surrounding areas through NABL accredited laboratory.
5. The industry shall provide lining to the pond located in the North-East direction within one month and utilize for the storage of rain water for green belt development. The industry shall not discharge any waste water into the pond located in North-East direction.
6. The industry shall maintain good housekeeping within the industry premises.
7. The industry shall ensure implementation of requisite measures to prevent air pollution, fugitive emissions and odour nuisance in the surrounding area.
8. The industry shall provide water sprinklers at coal handing area to control fugitive emissions within one month.
9. The industry shall develop thick Green belt along the boundary in the industry premises.
10. The industry shall submit fresh Bank Guarantee of Rs. 5.0 Lakhs within 15 days with a validity period of one year towards compliance of the Board directions.
11. The industry shall comply the all directions issued by the Board vide order dt. 30.11.2016.
12. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order.

The Committee recommended to direct the EE, RO Nellore to carry out detailed inspection and monitoring of ground water quality in and around industry premises; VOC monitoring, stack monitoring and ambient air quality monitoring. He is also directed to verify the leakages if any and submit report within a month. The EE, RO, Nellore is also directed to forfeit the Bank Guarantee of Rs. 5.00 Lakhs as they have not compiled the most of directions issued by the Board vide order dt. 30.11.2016 and furnish the amount by way of demand draft to the Board office.

MEMBER SECRETARY

The representatives of the industry attended and the legal hearing. The committee noted that the industry is not provided water meters, not installed the online stack monitoring systems, not provided interlocking system and non-compliance of the CFO order conditions and Board directions. The representative of the industry informed that the industry is shut down since 6 months due to lack of raw material and finical problems. It was informed that they proposed to start the plant end of February’2017. It was also informed that they will provide the water meters and water sprinklers by end of March’2017. The industry also informed that they will install online stack monitoring systems and interlocking system within six months.

Recommendations:

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

1. The industry shall install water meters to know the water consumption as per CFO order within one month.
2. The industry shall furnish the water cess returns from the period 01.05.2016 onwards and shall pay water cess amount of Rs.1,08,183/- along with interest immediately.
3. The industry shall install the online stack monitoring systems for the stacks attached to the kiln and power plant within six months.
4. The industry shall provide interlocking system within 2 months in such a way that feeding to the kiln shall be stopped in case of opening of emergency cap provided at after burner chamber.
5. The industry shall provide activation recorder for emergency cap opening within one month.
6. The industry shall provide individual energy meter to all the air pollution control equipments within one month time and shall maintain proper records.
7. The industry shall provide closed storage facilities for storage of raw materials and product, char and dolochar within 3 months time and shall avoid open storage of raw materials, char and product to minimize fugitive emissions.
8. The industry shall provide cladding at roof of the product house within 15 days.
9. The industry shall provide permanent water sprinklers all along the internal roads, raw material storage yards, dolochar storage yards within one month. The industry shall ensure continuous operation of water sprinklers provided at various places.
10. The industry shall operate all air pollution control systems continuously to comply with Board’s standards.
11. The industry shall concrete or asphalt the internal roads and work area within 2 months
12. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order dt.27.05.2016.


The representatives of the industry attended the legal hearing. The committee noted that the industry has not provided water meters, not installed air pollution control equipment, not provided water sprinklers and non-compliance of the CFO order conditions and Board directions. The representative of the industry informed that the industry is shut down since 6 months due to lack of raw material and finical problems. It was informed that they propose to start plant operations by end of February’2017. It was also informed that they will provide the water meters and water sprinklers by end of March’2017. It was also
assured that the pollution control equipment will be provided within three months.

**Recommendations:**

The Committee after detailed discussions, recommended to issue **Extension of Temporary Revocation of Closure Order** for a period of one year the following directions:

1. The industry shall obtain Consent for Operation of the Board as required under Sec. 21/22 of air Act and under Sec. 25/26 of water Act.
2. The industry shall complete the erection of ESP in all respects and commission within three months as committed by the management.
3. The industry shall provide individual energy meters to all the air pollution control equipments within one month time and shall maintain proper records.
4. The industry shall provide permanent water sprinklers all along the internal roads, raw material storage yards, dolochar storage yards within one month.
5. The industry shall concrete or asphalt the internal roads and work area within 2 months.
6. The industry shall provide storage sheds for the storage of raw materials, dolochar to avoid fugitive emissions.
7. The industry shall develop green belt all along the boundary of the industry premises in the coming monsoon.

**10. M/s. Visakhapatnam Port Trust, Port Area, 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 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 representative of the industry informed that the coal stacks yards are 70 - 80% covered with tarpaulins and coal stacks are covered with 6 mtrs. height. It was informed that they planned for plantation of 2500 plants. Pitting is completed and plantation is targeted to be completed by mid of February'2017. It was also informed that installation of Mechanical Dust Suppression Systems (MDSS) work will be completed by end of March'2017 and sprinklers structures are provided with pre-cast units all-round to avoid covering and damage to the sprinklers. Choking of sprinklers are being attended regularly by five persons through AMC which is in progress.

**11. M/s Sree Rayalaseema Green Energy Limited, Aswathapuram (V), Near Pandipadu, Kallur (M), Kurnool District.**

The representatives of the industry attended the legal hearing. The committee noted that the industry is not operating the Air Pollution Control Equipment system, not provided closed sheds with adequate size for storage of husk, not covered ash conveying belts properly, not provided online stack monitoring system and not submitted Bank Guarantee of Rs. 8.0 Lakhs and noted the non-compliance of CFO order conditions. The representative of the industry has informed that Bank Guarantee of Rs. 8.0 Lakhs will be submitted by 1st week of February'2017. It was informed that online stack monitoring will be installed by the end of February'2017. It was also informed they will refurbish the Electro Static Precipitator (ESP) by end of March'2017.
Recommendations:

The Committee after detailed discussions, recommended to issue Extension of Temporary Revocation of Closure Order for a period of 5 months i.e. upto 31.05.2017 with following directions:

1. The industry shall obtain valid CFO order of the Board immediately.
2. The industry shall upgrade air pollution control equipment within two months.
3. The industry shall provide closed sheds with adequate size for storage of husk within one month.
4. The industry shall provide online stack monitoring equipment as per CPCB direction within one month.
5. The industry shall cover ash conveying belts properly and collect ash in closed system with one month.
6. The industry shall submit Bank Guarantee of Rs.8.0 Lakhs within one week with a validity period of one year towards compliance of the Board directions.

[Signature]

member Secretary