**MINUTES OF THE TASK FORCE COMMITTEE MEETING HELD ON 06.07.2017**

### All Zones

1. **M/s. South Star Ceramics, (Formerly CNR Ceramics Pvt Ltd), Thimmapuram (V), Dwarakatirumala (M), West Godavari District.**

   The representatives of the industry and complainants attended the legal hearing. The committee noted that a complaint was received by the Board from Sri A. Satya Ashok Kumar, S/o. Narayana Rao and others of Thimmapuram (V), Dwaraka Tirumala (M), West Godavari District on 13.03.2017 through Grievance Cell of Meekosam, Collectorate, Eluru. The Committee also noted that the non-compliance of CFO conditions of the Board.

   The complainants have informed that operations of the unit is causing air pollution due to Coal dust and fugitive emissions from the unit, resulting severe damage to their agricultural fields, thereby causing low yield. The complainants have also alleged that unit is causing severe smell nuisance due to operation of Coal Gasifier and facing severe health problems to their children.

   The EE, RO, Eluru informed that the industry has not installed digital flow meters and energy meters. It was informed the industry constructed a shed which is open towards the complainants agriculture fields. Broken tiles are stored within the premises openly. It was also informed that the industry has not constructed the ETP, Gasifier effluents are sent outside to some parties for using along the tar. The industry is not maintaining the registers about generation and disposal of tar and crude oil from the coal gasifier plant.

   The representative of the industry informed that they have started construction of compound wall to prevent air borne fugitive dust and it will be completed by end August, 2017. They have installed digital flow meters to record water consumption for various purposes and quantity of waste water generated. They will installed energy meter to the Air Pollution Control Equipment and shall maintain records. It was informed that they provided shed along with lined platform for storing sludge/product waste with proper spillage collection.

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

1. The industry shall construct compound wall to a height of minimum 15 ft within one month towards complainants agriculture fields and to provide dry fog spraying system at coal dust collection and handling area to prevent fugitive dust emissions.

2. The industry shall carryout performance evaluation of existing odour containment measures and shall upgrade on priority within one month to mitigate odour nuisance in the surroundings.

3. The industry shall store the coal in closed shed and to provide and operate water sprinkling during loading and un-loading of coal.

4. The industry shall complete paving of internal roads with black top / RCC within one month to avoid fugitive emissions due to vehicular movement.

5. The industry shall provide proper treatment facility within 2 months to treat waste water generated from gasifier.

6. The industry shall provide within one month spillage containment measures for collection and handling of effluents bearing phenolic compounds and other waste streams. The spillage and run off shall be routed to treatment plant and the treated waste water shall be used on land for gardening/green belt development within the premises.

7. The industry shall not discharge any wastewater outside the industry premises under any circumstances.

8. The industry shall install digital flow meters and energy meters within one month and shall maintain records.

9. The industry shall ensure continuous compliance of the conditions stipulated in the CFO & HWA order.

2. Illegal dumping of semi solid waste at Kakinada Beach road and Illegal dumping of ETP sludge near Suryaraopeta Village outskirts:

1. M/s. Lohiya Edible Oil Ltd., Plot No. 25, Industrial Park, Vakalapudi(V), Kakinada Rural, East Godavari District.

2. M/s. Parry Infrastructure Company Limited (Formerly M/s. Silkroad Sugars Private Limited), Beach Road, Kakinada, East Godavari District.

3. M/s. Gemini Edibles & Fats India Private Limited,
R.Sy.No.176, 176/1, 176/2, 308, 308/3 & 177, Suryaraopeta Village, Kakinada, East Godavari District.

4. M/s.NCS Industries Pvt., Ltd., (Refinery Division), Near Light House, Vakalapudi, Thammavaram (V), Kakinada (R), East Godavari District.

5. M/s. Adani Wilmar Limited (Unit – I&II), Tammavaram(V), Suryaraopeta GP, Kakinada, East Godavari District

The representatives of the industry (5 No.s) attended the legal hearing. The Committee noted that the Board has received a telephonic complaint on illegal dumping of solid waste at Kakinada Beach to Polavaram village road and near Suryaraopeta village outskirts from nearby edible oil industries located, Industrial Park, Vakalapudi(V), Kakinada Rural, East Godavari District during early hours on 06.05.2017. The illegal dumping of solid waste at Kakinada Beach to Polavaram village road created havoc in the area anticipating that the illegal dumping of chemical waste near village would harm the agricultural lands and may also cause pollution to the surroundings. The villagers alleged that the nearby sugar factory indulged in disposal of chemical waste.

The EE, RO, Kakinada has informed that the two industries i.e. M/s.Parry Infrastructure Company Limited (Formerly M/s.Silkroad Sugars Private Limited), M/s. Gemini Edibles & Fats India Private Limited, East Godavari District stored the solid waste in the industries premises. It was informed that about 30 tons of solid waste consisting of ETP sludge illegally dumped at kakinda Beach to Polavaram Village road and near Suryaraopeta village outskirts was existing since 2 months.

The Committee has reviewed the status and to instruct all the industries (5 No.s) to immediately respond to lift the solid waste dumped at kakinda Beach to Polavaram Village road and near Suryaraopeta village outskirts in co-ordination with RO, Kakinada.

**Recommendations:**

The Committee after detailed discussions, recommended to issue the following directions to each industry (5 No.s):

1. The industry shall regularly operate Primary, Secondary and Tertiary treatment for trade effluents generated. The solid waste generated from waste water treatment such as MEE salts, ETP sludge and Process sludge shall be disposed as per the Consent obtained from the Board
scrupulously.

2. The industry shall install and maintain digital flow meters and energy meters to waste water treatment plant within one month and shall maintain records. The consolidated records shall be furnished to ZO, Visakhapatnam and RO, Kakinada every month.

3. The industry shall collect and store Hazardous Waste in a closed shed on elevated concrete platform with leachate collection system. Records on solid waste generation and disposal mode shall be maintained and consolidated report shall be submitted to ZO, Visakhapatnam and RO, Kakinada every month.

4. Under any circumstances, the industry shall not indulge in illegal dumping of solid waste generated from process, utilites and waste water treatment plants outside the premises. They shall ensure strict monitoring and tracking of solid waste disposal to prevent any re-occurrence of illegal dumping of solid waste and shall ensure compliance to authorized mode of disposal.


6. The industry shall ensure continuous compliance of the conditions stipulated in the CFO & HWA order.

Further, the Committee recommended that the RO, Kakinada to collect samples from the illegal dump for finger print analysis and shall immediately take action to lift the waste from illegal dumping sites in co-ordination with operator of TSDF, Visakhapatnam for transit storage at TSDF facility. The cost incurred to evacuate, transport and dispose of the illegally dump of solid waste shall be borne by the above 5 no.of industries equally. The ZO, Visakhapatnam to verify the actual generation of salts/sludge from the surroundings industries, inventory of waste, quantity disposed to TSDF / Authorized disposal mode for last 6-12 months to identify the industries indulged in illegal dumping of solid waste near surrounding villages and to take action to prevent re-occurrence of illegal dumping from the above industries.

3-14 Yanamadhu Drain industries (12 No.s)

The representatives of the industry (12 No.s) attended the legal hearing. The Committee noted that Yenamaduru drain is receiving treated effluents mainly from M/s.Delta Papers Ltd., and several Prawn processing units. The Committee observed that the COD and BOD values of the waste water samples collected at the outlet of ETP of the industries are continuously exceeding the prescribed standards. The committee also noted the non-
compliance of Board directions and CFO conditions.

The SEE & JSO, O/o CEE, Visakhapatnam have attended the Legal Hearing. It was informed that some of industries are discharging the un-treated / Partially treated effluents into Yenamaduru drain through clandestine pipe lines. These industries are not operating Effluent Treatment Plants and not compiled with prescribed standards at discharge outlets. It was also informed that the industries are not maintaining proper records for water consumption, effluent generation and production quantity.

The Committee recommended to instruct all the industries to immediately remove the clandestine pipelines connected between the industry and drain (Yenamaduru, satyawada, Gosthni and Rayalam) and shall adopt treatment of waste water to comply with prescribed discharge standards at the outlet. Further, the Committee recommended that the Effluent Treatment Plants at individual industries shall be upgraded immediately to comply with discharge standards prescribed by the Board and shall ensure implementation of requisite measures to prevent re-occurrence of non-compliance to prevent further pollution to Yenamaduru drain. The Committee also recommended that the Board shall keep strict vigilance on all these industries along Yenamaduru drain to ensure that they shall comply with consent conditions and discharge standards.

3. **M/s.Delta Papers Ltd, Vendra (V), Palakonderu (M), West Godavari District.**

**Recommendations:**

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

1. The industry shall upgrade the ETP within one month duly re-design the aeration tank to increase the oxygen feed rate and adequate retention time to comply with prescribed discharge standards. The details of ETP upgradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. **The industry shall provide Sewage Treatment Plant (STP) for treatment of domestic effluents within 2 months.**

3. The industry shall provide lined storage tanks within one month for at least two days consented capacity of waste water generation and to monitor quality of treatment and
to take back to ETP for re-treatment of effluents in the case of exceeding of discharge standards.

4. The industry shall augment capacity of the ETP to cater treatment during shock load / odd events.

5. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

6. The industry shall expedite action plan to switch over to oxygen bleaching in the place of chlorine bleaching to reduce load on ETP as reported during the meeting and they shall furnish time bound plan of action within 2 months, to implement oxygen bleaching in the process.

7. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

8. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

9. The industry shall comply with all the directions issued by the Board vide order dt. 12.01.2017 & 01.03.2017.

10. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order.

4. M/s. Sree Godavari Kraft paper ltd, (Kraft paper unit), Relangi (V), Iragavaram (M), West Godavari District.

Recommendations:

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

1. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.

3. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.
4. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

5. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

6. The industry shall comply all directions issued by the Board vide order dt. 19.10.2016 & 02.01.2017.

7. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt. 12.05.2017.


Recommendations:

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

1. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. The industry shall provide lined storage tanks within one month for at least two days consented capacity waste water generation and to monitor quality of treatment and to take back to ETP for re-treatment of effluents in the case of exceeding of discharge standards.

3. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.

4. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

5. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

6. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

7. The industry shall comply all directions issued by the Board vide order dt. 17.10.2016. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt. 31.08.2016.
6. **M/s. Akula Boards Private Ltd., R. Sy. No. 422, 423 & 433, Mandapaka (V), Tanuku (M), West Godavari District.**

**Recommendations:**

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

1. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. The industry shall provide lined storage tanks within one month for at least two days consented capacity waste water generation and to monitor quality of treatment and to take back to ETP for re-treatment of effluents in the case of exceeding of discharge standards.

3. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.

4. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

5. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

6. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

7. The industry shall comply all directions issued by the Board vide order dt. 17.10.2016.

8. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt.01.04.2016.

7. **M/s. Coastal Agro Industries Ltd., R.S.No.437, 438 & 439, Mandapaka (V), Tanuku (M), West Godavari District.**

**Recommendations:**

The Committee after detailed discussions, recommended to issue the following directions:
1. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.

3. The industry shall maintain records on energy meter and flow meter readings pertinent to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

4. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

5. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

6. The industry shall comply all directions issued by the Board vide order dt. 19.10.2016.

7. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt.14.10.2016.


Recommendations:

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

1. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. The industry shall provide lined storage tanks within one month for at least two days consented capacity waste water generation and to monitor quality of treatment and to take back to ETP for re-treatment of effluents in the case of exceeding of discharge standards.

3. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any
circumstance they shall not discharge treated/un-treated effluents into satyawada drain.

4. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

5. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

6. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

7. The industry shall comply all directions issued by the Board vide order dt. 17.10.2016 & 17.01.2017.

8. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt.20.08.2016.

9. M/s. Sri Surya Bio Tech, R.S.No.243/2, Gollalakoderu (V), Palakoderu (M), West Godavari District.

Recommendations:

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

1. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.

3. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

4. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

5. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

6. The industry shall immediately clear the solid waste (Gloves, empty bags etc) dumped along the Yenamaduru
drain bund and shall stop practice of dumping any kind of solid waste along the drain bund.

7. The industry shall comply all directions issued by the Board vide order dt. 17.10.2016.

8. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt. 27.12.2016.


**Recommendations:**

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

1. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. The industry shall provide lined storage tanks within one month for at least two days consented capacity waste water generation and to monitor quality of treatment and to take back to ETP for re-treatment of effluents in the case of exceeding of discharge standards.

3. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.

4. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

5. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

6. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

7. The industry shall comply all directions issued by the Board vide order dt. 17.10.2016.

8. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt. 01.02.2014.

Recommendations:

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

1. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. The industry shall provide lined storage tanks within one month for at least two days consented capacity waste water generation and to monitor quality of treatment and to take back to ETP for re-treatment of effluents in the case of exceeding of discharge standards.

3. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.

4. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

5. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

6. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

7. The industry shall comply all directions issued by the Board vide order dt. 10.10.2016 & 17.01.2017.

8. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt.12.05.2015.


Recommendations:

The Committee after detailed discussions, recommended to issue the following directions:
1. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.

3. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

4. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

5. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

6. The industry shall immediately rectify ammonia sensors installed at the premises for effective functioning and shall periodically calibrate the sensors for the highest accuracy.

7. The industry shall comply all directions issued by the Board vide order dt. 10.10.2016.

8. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt.06.03.2017.

13. M/s. Sri Satyanarayana Raw & Boiled Rice Mill Pvt. Ltd., R.Sy. No. 135/1,2,137/1,2,138 & 142/1,2, Kovvada (V), Bhimavaram (M), West Godavari District.

**Recommendations:**

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

1. The industry shall immediately apply for the Consent for Operation of the Board.

2. The industry shall expedite construct of the closed shed for storage of husk and it shall be completed within in one month.

3. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be
reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

4. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.

5. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidate records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

6. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

7. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

8. The industry shall comply all directions issued by the Board vide order dt. 07.09.2016.

9. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order.

14. M/s. Asvini Fisheries (P) Ltd., R.S.No.626/1, Dirusumarru Road, Yenamaduru (P), Bhimavaram, West Godavari District.

Recommendations:

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

1. The industry shall upgrade the Effluent Treatment Plant within one month for treatment of waste water generated to comply with prescribed discharge standards. The details of ETP up-gradation and implementation progress shall be reported to ZO, Visakhapatnam, SEE, O/o of CEE, Visakhapatnam and RO, Eluru for every fortnight through e-mail.

2. The industry shall provide lined storage tanks within one month for at least two days consented capacity waste water generation and to monitor quality of treatment and to take back to ETP for re-treatment of effluents in the case of exceeding of discharge standards.

3. The industry shall immediately remove the underground pipeline laid into satyawada drain and under any circumstance they shall not discharge treated/un-treated effluents into satyawada drain.
4. The industry shall maintain records on energy meter and flow meter readings pertaining to waste water generation, treatment and disposal. The consolidated records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

5. The industry shall maintain records for solid waste generation and disposal and shall furnish monthly records to RO, Eluru.

6. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

7. The industry shall comply all directions issued by the Board vide order dt. 17.10.2016.

8. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order dt.05.11.2013.

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