MINUTES OF THE CFE COMMITTEE MEETING HELD ON 19.09.2019
AT ANDHRA PRADESH POLLUTION CONTROL BOARD,
NEAR PUSHPA HOTEL CENTRE, BEHIND SUNRISE HOSPITALS,
KASTURIBAIPET, VIJAYAWADA, A.P.

The following were present:

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<th>S.No.</th>
<th>Name of the Member</th>
<th>Member</th>
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<tr>
<td>1</td>
<td>Sri B.S.S. Prasad, IFS., A.P. Pollution Control Board.</td>
<td>Chairman</td>
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<td>2</td>
<td>Sri Vivek Yadav, IAS., A.P. Pollution Control Board.</td>
<td>Member, Secretary</td>
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<td>3</td>
<td>Dr. V.V. Narayana Reddy, Deputy Director (Scientist), (Retd.), IICT, Hyderabad</td>
<td>Member</td>
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<td>4</td>
<td>Dr. N. Chitti Babu, Dept., of Chemical Engineering, Andhra University, Visakhapatnam.</td>
<td>Member</td>
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<tr>
<td>5</td>
<td>Dr. RLC Sasidhar, Associate Professor, Chebrolu Hanumaiah Institute of Pharmaceutical Sciences (CHIPS), Chowdavaram, Guntur District.</td>
<td>Member</td>
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The Member Secretary has welcomed the members of the Committee. After general introductory remarks on the items placed before the CFE Committee, the Committee took up agenda, item wise. The decisions of the CFE Committee on each item are recorded below.
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 18.09.2019

ITEM NO. 1  M/s. Pipeline Infrastructure Limited, (Formerly M/s. Reliance Gas Transportation Infrastructure Ltd) (Delivery/Metering & Regulating/Tap-off Station), Kunchanapalli(V), Tadepalligudem(M), West Godavari District - Applied for CFE to establish one more delivery station at Kunchanpally (V) - Reg.

The Committee noted the following:

a) M/s. Gas Transportation and Infrastructure Company Limited obtained CFE of the Board for laying of Gas/Hydrocarbon pipe line from Hyderabad to Kakinada for transportation of 80 MMSCMD/6.4 MMTPA of gas/hydrocarbons vide order dt. 17.06.2003. The main pipe line is 570 Km commence in from Dundigal near Hyderabad to Kakinada and spur lines will be 266km. The pipeline will pass through six districts of Andhra Pradesh (East Godavari, West Godavari, Krishna, Khammam, Nalgonda and Rangareddy Districts).

b) M/s. Gas Transportation and Infrastructure Company Limited obtained Environmental Clearance for laying of Gas/Hydrocarbon pipe line (721 km) from Hyderabad to Kakinada for transportation of 80 MMSCMD/6.4 MMTPA of gas/hydrocarbons vide order dt. 24.10.2003 from MoE&F. The main pipe line is 455 Km commence in from Dundigal near Hyderabad to Kakinada and spur will be 266 km. The pipeline will pass through six districts of Andhra Pradesh (East Godavari, West Godavari, Krishna, Khammam, Nalgonda and Rangareddy Districts).

c) Later M/s. Gas Transportation & Infrastructure Co., Ltd., was changed to "M/s. Reliance Gas Transportation Infrastructure Ltd" and now it is changed to "M/s. Pipeline Infrastructure Private Ltd."

d) M/s. Pipe Line Infrastructure Private Ltd, has obtained combined CFO&HWA of the Board vide order dt. 28.03.2019 which is valid upto 28.02.2020.

e) The facility (PIL) has applied for CFE of the Board for establishment of Delivery/Metering & Regulating/Tap-off Station for transportation Of Natural Gas through pipeline @ 2.5 MMSCMD to the adjacent facility i.e. M/s. GITL Discharge Terminal, Kunchanapalli (V), Tadepalligudem(M), West Godavari District through APOCMMS vide application dt. 21.08.2019.

f) The facility was inspected on 26.08.2019 and made the following observations:
   a) The facility installed all necessary pumping /delivery machinery and ready for transport of Natural gas to the existing adjacent customer (M/s. GITL Discharge Terminal without obtaining CFE/CFO of the Board
   b) The facility installed automatic alarming sensors for detection of leakages of gas if any during handling of natural gas.
   c) The facility informed that they have onsite/offsite emergency plan to handle any untoward situation happens.
   d) The facility is not generating any effluents except domestic effluents which is proposed to be disposed to septic tank followed by soak pit.
   e) The facility proposed to purify the natural gas for elimination of dust particles through filters before delivering to the customers.
   f) The facility is having valid PLI policy, valid Licenses from Factories Department, Chief Controller of Explosives and Fire & Safety Department.

The representatives of the project proponent attended the meeting and requested to issue CFE.

After detailed discussions, the Committee recommended to issue CFE for establishment of Delivery/Metering & Regulating/Tap-off Station for transportation Of Natural Gas through pipeline @ 2.5 MMSCMD to the adjacent facility i.e. M/s. GITL Discharge Terminal, Kunchanapalli (V), Tadepalligudem(M), West Godavari District.

MEMBER SECRETARY

CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 19.09.2019

ITEM NO. 2  M/s. Dr. B.R. Ambedkar Smruthi Vanam, Sy. No. 1,2,3 & 4 of Inavolu (V) & Sy.No.65, 80,160,161 & 172 of Shakkamuru (V) of Thullur Mandal, Guntur District - Applied for CFE – Reg.

The Committee noted the following:

a) The Director, social Welfare Department has proposed to Construct Construction project in the name of has M/s. Dr. B.R. Ambedkar Smruthi Vanam located at Sy. No. 1,2,3 & 4 of Inavolu (V) & Sy.No.65, 80,160,161 & 172 of Shakkamuru (V) of Thullur Mandal, Guntur District.

b) As per the revised classification by CPCB on category of the projects, the proposed construction project is covered under Red Hazardous category as the reported waste water generation is more than 100 KLD.

c) The proposal is for construction of Dr.B.R. Ambedkar Smruthi Vanam with a Memorial Park, Convention Centre, Buddhist Dyana Kendram, Library and 125 feet height Statue of Dr.B.R. Ambedkar in an area of 80,937.1 Sq. mts and the total built up area proposed is 15,540 Sq. Mts. During inspection it was observed the proponent has commenced land leveling.

d) The proposed construction is within the Greenfield Capital City, Amaravati which was accorded EC vide order dt. 09.10.2015 by SEIAA and CFE by the Board on 19.10.2015.

e) The proponent shall maintain adequate set back from water body existing towards South & North direction in consultation with Irrigation / revenue Department. No construction shall be taken up by the proponent except development of green belt in the set back area.

f) An irrigation tank feeding channel is passing through the proposed site to Inavolu Irrigation tank existing at a distance of 400 mts from the proposed site towards South direction thus, the details on protection of feeding channel path and measures to prevent contamination of run off may be reviewed.

g) The proposed project is a construction project with a built up area of 15,540 sq.m. EC is not required as the built up area is less than 20,000 sq.m. The Board issued a circular that the construction project with built up area more than 20,000 sq.m. are only required to take CFE. However, Social Welfare department applied for CFE for this project even though built up area is less than 20,000 Sq.m.

The representatives of the project proponent attended the meeting and requested to issue CFE duly informing the following:

a) They have applied for CFE for the proposed project as domestic effluent is more than 100 KLD and STP is proposed, even though built up area is less than 20,000 sq.m.

b) About 50% of construction works are completed.

Committee noted that as per the classification of industries by CPCB, “the Building & Construction projects with more than 20,000 Sq.m. built up area” are classified as orange category.

Further, as per the circular dt. 31.03.2008 of the Board the construction projects with built up area less than 20,000 Sq.m. are not covered under consent management.

After detailed discussions, the Committee decided that the project does not require CFE as the built up area is less than 20,000 sq.m. and recommended to return the fee paid towards CFE processing along with the application.

MEMBER SECRETARY

CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 19.09.2019

ITEM NO. 3  
M/s. ONGC, Exploratory drilling of well KT-AC at Kavitam(V), Poduru (M), West Godavari District - Applied for CFE for exploratory drilling well - Reg.

The Committee noted the following:

a) M/s. ONGC applied for CFE for exploratory drilling of well KT-AC at Kavitam(V), Poduru (M), West Godavari District.

b) The MoEF, Gol, New Delhi issued EC order dt. 18.05.2012 for 24 wells. The proposed well is one of the wells in the 24 wells.

c) The Board Office vide Circular dt. 02.02.2013 recommended for issue of CFE & CFO order at one instance for exploratory drilling wells after collecting CFE Fee & CFO Fee for one year.

d) The proponent paid both CFE & CFO fee for one year.

After detailed discussions, the Committee recommended to issue CFE & CFO for one year.

ITEM NO. 4  

The Committee noted the following:

a) As per the EC dated 02.02.2009, the industry obtained permission from MoEF&CC, Gol for increase of the bulk drugs production capacity from 60.72 TPA to 142.32 TPA, the industry gone for change of product mix and applied for CFE & the Board issued CFE to the industry vide order dt. 01.02.2016.

b) The industry has again gone for change of product mix within the existing premises with production capacity of 142.32 TPA by changing the production capacities of some of the existing products and adding of new products without increase in the production capacity & pollution load. The total products would be 35 products and obtained CFE from the Board vide order dt. 17.09.2018 with additional investment of Rs.50.0 Lakhs.

c) Subsequently, the industry has obtained CFO & HWA from the Board vide order dt. 14.12.2018, which is valid up to 31.03.2021. (35 products).

d) Now, the industry proposed to produce products by arranging in two different Groups (Group A & Group B). The Group A will be remain same with existing 35 products and in Group B, 12 products will be existing products and added three more products without any increase in overall consented production capacity of 395.29 Kgs/day or 142.32 TPA. The industry will produce any one group either Group A and Group B.

e) The CPCB vide lr. dt. 09.04.2019 directed the industry to pay environmental compensation of Rs. 85.5 lakhs for non-compliance period from 24.08.2016 to 04.08.2017 for operating the industry even though closure orders were in force.

f) In response to that the industry filed an appeal before the Hon'ble NGT, New Delhi. The Hon'ble NGT vide order dt. 21.08.2019 disposed of the appeal and directed the CPCB to consider the views of the appellant and after giving personel hearing; pass appropriate final orders in accordance with law with in two months.

g) The industry has to comply some of the conditions of CFO as tabulated above. Compliant was received against the industry on pollution caused by the industry.
h) The EE, RO: Nellore reported that a report dt. 20.08.2019 to the JCEE, UH-2. As per the report submitted to Task Force, the RO observed the following non-compliances.

i. The industry has stocked raw material containing drums openly on naked ground in between green belt area.

ii. Mixed liquid solvents containing drums were stored beside the production blocks openly.

iii. About 300 nos of Solvent residue drums were stored West side of the industry and spillages were observed from the drums, thereby violating consent condition 18 of schedule-B of the CFO order dt. 14.12.2018 and Odour nuisance was observed around the industry premises thereby violating consent condition 13 of schedule-B of the CFO order dt. 14.12.2018.

iv. Bag filter was not provided to the 4TPH boiler, thereby violating consent condition 18 of schedule-B of the CFO order dt. 14.12.2018. Thick smoke was observed from the 4 TPH Boiler.

v. The MEE salts were stored in HDPE bags and kept openly towards south side of the industry. Leachate was observed from the bags.

vi. Empty/used HDPE barrels stored in North-West side.

vii. The total area of the industry is 33 Acres. The industry developed green belt of 5 Acres only.

viii. The industry has not provided auto recording facility to the pH meter provided to the Scrubber.

ix. The vents from the centrifuges were not connected to the scrubber.

The representatives of the project proponent attended the meeting. They have informed the following duly submitting a letter dt.18.09.2019 along with photographs showing present status of compliance:

a) At the time of inspection raw material drums were stored openly as the supplier sent the Raw materials in drums because of non availability of tankers. It was instructed not to send raw materials in drums hereafter. The drums were immediately removed and shifted to Liquid raw material storage ware house.

b) Drums containing mixed solvents are sent to cement units for co-processing. Further, As per the commitment letter dt.14.08.2019 submitted to RO, 25 KL dedicated storage tanks were installed with dedicated lines to store mixed solvents to completely avoid drums.

c) Installed Multi cyclone Dust collector (MDC) which contain six bags inside and functions more effectively than Bag filter. Biomass briquettes are being used as boiler fuel.

d) Started developing green belt in another 10 acres.

e) Data logger provided to the pH meter.

f) All the centrifuges vents were connected to scrubber.

g) Odour nuisance was completely routed off after installation of another two stage scrubber and connecting all centrifuges vents to the scrubber. Procured dedicated VOC meter and measuring readings every night two times (11.00 PM & 3.00 AM) at Chandrapadiya village and maintaining log books. It is found that there is no odour nuisance.
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After detailed discussions, the Committee recommended to issue CFE for Change of Product mix with a condition that green belt in additional area of 6.0 acres should be developed by November, 2019.

The industry shall submit Bank guarantee of Rs.8.0 Lakhs within a week to comply with all the conditions stipulated by the Board in the CFO order dt. 14.12.2018 valid for a period of one year at RO, Nellore.


The Committee noted the following:

a) The industry has to comply with several conditions stipulated in the CFE order as mentioned below.
   i) Earlier, while issuing CFE (exp) order dt. 20.10.2014, it was mentioned that Biological ETP of capacity 60 KLD would be installed to treat LTDS and domestic effluents. In this proposal “ZLD” in the stripper MEE, ATFD, are proposed to treat both HTDS and LTDS effluents. But the industry has not provided ETP as part of ZLD.
   ii) The industry has not provided online pH meters to the existing two stage scrubbers (4 nos)
   iii) The industry has not provided VOC analyser
   iv) The industry has not provided vent condensers to the solvent storage tanks.
   v) The industry shall provide VOC analyzer with recording facility. Industry shall provide elevated platform with shed and leakage collection system for storing raw material drums and other chemical drums.
   vi) The industry shall provide dyke walls around process blocks and HW shed with leachate collection pit.
   vii) The industry shall not use fire wood as fuel and shall use coal as fuel for boiler.
   viii) The industry provided digital flow meter to MEE only. The industry has to provide digital flow meter with totaliser to ATFD and R.O. Plant.
   ix) The industry shall obtain PESO License for handling and storage of hazardous chemicals. The industry shall provide online-pH meters for scrubbers attached to vents of process blocks.

The representatives of the project proponent attended the meeting and informed the following duly submitting a letter dt.19.09.2018:

a) As LTDS effluent generation is very less, it is being treated along with HTDS effluent. Biological ETP would be provided in 1 or 2 years after acquiring additional land.
b) pH meters to the existing two stage scrubbers would be provided by the end of November 2019.
c) VOC analyzer along with data logger would be provided by the end of December 2019.
d) Vent condensers would be provided by the end of November 2019.
e) Shed with elevated platform is provided for storage of hazardous waste and chemical drums. Dyke walls for hazardous waste storage shed would be provided by the end of November 2019.
f) Digital flow meters with totalizers to ATFD and R.O. Plant would be provided by the end of December 2019.

After detailed discussions, the Committee recommended to issue CFE for Change of Product mix. The industry shall submit Bank guarantee of Rs.4.0 Lakhs within a week with a validity period of one year for compliance of Board’s conditions by the end of November 2019, at Regional Office, Eluru.
The Committee noted the following:

1. M/s. Surbhi Steel Pvt Ltd., obtained EC from MoEF, Goli, New Delhi dt. 27.01.2010 to manufacture Sponge Iron: 200 TPD, M.S.Billets: 600 TPD, TMT Bars: 500 TPD and Power generation 8 MW.

2. Subsequently, the Board issued CFE dt. 23.12.2010 to the industry to manufacture M.S.Billets: 600 TPD and TMT Bars: 500 TPD.


4. The industry obtained CFO & HWA vide order dt. 03.02.2017 with validity upto 31.08.2021.

5. Now the industry applied for CFE for recovery of Iron 9.6 TPD using 80 TPD of slag generated from Induction Furnace. But as per the CFE order, only 60 TPD of slag would be generated while producing 600 TPD of M.S. Billets. As per the CFO order 30 TPD of slag is generated while producing 300 TPD of M.S. Billets. There is no change in the production capacity. But, quantity of slag generated is increased from 60 TPD to 80 TPD. The industry shall clarify the same.

6. Industry already installed slag crusher of capacity 10 Ton/Hour to recover Iron from slag, without obtaining CFE from the Board. As per the Boards directions, now applied for CFE for the same. Industry shall submit details of Air Pollution Control Equipment.

7. The industry in not yet complying with Task Force directions dt. 05.07.2019 issued by the Board as following:
   a) The industry has not provided energy meter for Air Pollution Control Equipment.
   b) The industry has not provided inter locking system for Air Pollution Control Equipment attached for furnace with raw material feeding system.
   c) The industry has not laid concrete roads within the premises.
   d) The industry is not maintaining log books for pollution control systems, solid waste generation etc.
   e) The industry has yet to develop greenbelt in an area of 2.0 acres in addition to the existing 6.5 acres to achieve 33% of the total area.

The representatives of the project proponent attended the meeting. They have informed as following:
   a) Energy meter was provided to Air pollution control equipment since the plant started operations duly subtitting copy of latest readings.
   b) Interlocking system between Air pollution control equipment and furnace attached to the raw material feeding system would be provided by December, 2019.
   c) Slag generation has been increased from 60 TPD (permitted as per CFE order dated 23.12.2010) to 80 TPD due to increase in usage of MS Scrap in the induction furnace.
The Committee observed that energy meter readings submitted by the industry are not correct and in proper format.

After detailed discussions, the Committee recommended to issue CFE for installation of slag crusher.

The industry shall submit Bank guarantee of Rs.4.0 lakhs within a week with validity period of one year in order to comply with conditions / directions issued by the Board, at the Regional Office, Ananthapuram. The industry shall submit actual readings of the energy meters within a week at Regional Office.

| ITEM NO. 7 | M/s. Hetero Labs Ltd., Unit IX, Plot No. 2, Hetero Infrastructure SEZ Ltd., N. Narsapuram (V), Nakkapalli (M), Visakhapatnam District - Applied for CFE for Change of Product Mix – Reg. |

The Committee noted the following:

a) M/s. Hetero Infrastructure SEZ Ltd., obtained EC order dt. 25.10.2010 for the entire SEZ from MoE&F, Gt, New Delhi.

b) This unit is one of the units in the SEZ.

c) The industry is meeting steam requirements from the common boilers of capacity 20 TPH, 12 TPH and 10 TPH installed in M/s. Hetero Infrastructure SEZ Ltd.

d) Similarly, effluents are being treated in the CETP of M/s. Hetero Infrastructure SEZ Ltd. After treatment the treated effluents are discharged into Bay of Bengal through marine outfall.


f) As per the proposal, the quantities of water for boiler feed and cooling towers are not increasing. But, the boiler blow down and cooling bleed of increasing from 2 KLD to 5 KLD. The industry has to clarify.

g) The Hazardous quantity is increased from 8.45 TPD to 11.95 TPD. The industry shall restrict the Hazardous waste generation to 8.45 TPD after change of product mix.

h) Out of 20 scrubbers, the industry provided double stage scrubbers for 12 Nos. only. The industry has to provide double stage scrubbers for remaining 8 scrubbers.

i) Out of 20 Nos. scrubbers, the industry provided online pH meters to 15 Nos. only. The industry has to provide online pH meters to the remaining 5 Nos. of scrubbers.

The representatives of the project proponent attended the meeting. They have informed as following:

a) The quantity of waste water generated would be restricted to 130.13 KLD. Similarly, the quantity of Hazardous waste generated would be restricted to 8.45 TPD. Accordingly production would be reduced and revised quantities of products would be submitted.

b) Process reactors being used for validation products are not in continuous operation. Hence double stage scrubbers and pH meters are not provided to them in order to avoid damage.

After detailed discussions, the Committee recommended to issue CFE for Change of Product mix after receipt of revised quantities of products, restricting the quantity of pollutants as earlier.

MEMBER SECRETARY

CHAIRMAN
The Committee noted the following:

a) M/s. Hetero Drugs Ltd., Unit – VI had obtained Environmental Clearance No. J-11011/398/2010/IA II (I), dated 10.09.2012 for enhancement of production capacity from 60 TPM to 450 TPM.


   i. The total permitted production capacity as per both the ECs (Unit – III & Unit – VI) is 950 TPM (i.e. 31.57 TPD). In the present proposal, the industry increasing the production capacity from 13 TPD to 29.42 TPD. It is within the permitted capacity of the EC.

   ii. Quantity of waste water is increasing from 353 KLD to 856.51 KLD in the proposed expansion.

iii. Presently, the industry is sending the effluents to the ETP in the M/s. Hetero Infrastructure SEZ Ltd. Now, the industry has proposed to install new ETP of capacity 1000 KLD in the SEZ. It is not clear whether the ETP is exclusively for these two units or for all the industries in SEZ and non-SEZ area. The industry has to clarify.

iv. If the proposed ETP of capacity 1000 KLD is for these two units (Non-SEZ units) the industry has to clarify why the new ETP of 1000 KLD is proposed in the SEZ area.

v. The industry shall submit details of EC obtained for different units in SEZ and non SEZ area, water consumption waste water generation quantities and treatment capacities.

vi. In the proposed ETP of capacity 1000 KLD, the stripper capacity is 500 KLD only. The quantity of HTDS effluents is 616.51 KLD. Whereas the capacity of MEE is 1000 KLD.

vii. The stripper capacity is to be increased from 500 KLD to 1000 KLD.

c) M/s. Hetero Drugs Ltd., Unit – VI had merged with M/s. Hetero Labs Ltd., Unit – III and obtained combined CFO & HWA of the Board vide order No. APPCB/VSP/VP/CFO/ HOI/137/2015 – 2869, dated 08.08.2015 valid up to 31.12.2017 subjected to a condition that “the industry shall obtain the common EC from the MOEF&CC for merging M/s. Hetero Drugs Ltd., Unit-VI; with Hetero Labs Ltd. Unit-III and submit copy to the Board”. (Condition No. 19 Stipulated in Schedule – B).

d) No separate Boiler for Hetero Labs Ltd., unit – III and the industry is drawing steam from M/s. Hetero Infrastructure Ltd., SEZ Ltd., hence water consumption for boiler feed and RO feed is not required.

e) As there is no separate Boiler for Hetero Labs Ltd., unit – III and the industry is drawing steam from M/s. Hetero Infrastructure Ltd., SEZ Ltd., hence no wastewater generation from boiler blow down and RO Rejects.

f) At present the Effluent generated from M/s Hetero Labs Limited, Unit-III is being treated in the effluent treatment plant of M/s Hetero Infrastructure SEZ Ltd along with the effluents of units (Hetero Labs Ltd, Unit-IX, Hetero Drugs Ltd, Unit-IX and Honor Lab Ltd, Unit-III) located in M/s Hetero Infrastructure SEZ Ltd.

g) M/s Hetero Labs Ltd, Unit-III is proposed effluent treatment of 1000 KLD capacity at M/s Hetero Infrastructure SEZ Ltd for which the industry is required to obtain CFE of the Board.
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h) The industry applied for common EC to MoEF&CC, GOI for merger of EC dt: 10.09.2012 in favour of M/s. Hetero Drugs Limited(Unit-VI) with the EC dt:10.09.2012 of M/s. Hetero Labs Limited(Unit-III). As per the minutes of the 38th EAC Committee meeting held during 25th to 27th June 2018, the committee recommended for transfer of EC from M/s. Hetero Drugs Limited(Unit-VI) to M/s. Hetero Labs Limited(Unit-III). The industry not submitted copy of the common EC.

i) M/s. Hetero Labs Ltd., Unit – III is drawing steam from M/s. Hetero Infrastructure SEZ Ltd., hence water consumption quantity, wastewater generation for Boiler makeup / Blow down and RO Rejects, hazardous waste viz., MEE Salts, FEE Salts and ETP Sludge were not generated in the premises (M/s. Hetero Labs Ltd., Unit – III). Hence, the CFE (Expansion) may not be issued for the above.

j) The industry has to submit an amendment to EC order merging Unit – III and Unit – VI as stipulated in the CFE order dt. 26.10.2017 and CFO order dt. 11.12.2017. But, the industry has not submitted so far.

k) The industry shall obtain CFE for the proposed ETP of capacity 1000 KLD.

The representatives of the project proponent attended the meeting. They have informed as following vide letter dt.19.09.2019:

a) New 1000 KLD ETP is proposed in the SEZ area due to following reasons:
   i) As per EC, it is clearly mentioned that, the unit will have common effluent treatment facilities to treat the effluent generated from two units by name M/s Hetero Labs Ltd, Unit-III and Hetero Drugs Ltd, Unit-VI in the neighboring SEZ owned by the Group Company.

   ii) Common Marine Disposal pipeline is being used for the disposal of treated effluents of both SEZ & non SEZ.

   iii) Guard ponds & online effluent monitoring systems are common for all the units and marine disposal is being done from the same Guard ponds.

   iv) Due to operational convenience, we are proposing to install new ETP adjacent to the existing ETP.

   v) Monitoring will be easy if all the treatment systems are at one place.

b) Due to typographical error it was written as 1 stripper. But actually proposing to install 03 nos of 500 KLD capacity strippers in the new proposed 1 MLD ETP.

c) They have applied to the MoEF & CC for merging of EC of Hetero Drugs Ltd, UnitVI with Hetero Labs Ltd, Unit-III long ago. But due to non-availability of merging provision in the Act, the EAC committee recommended to transfer the EC of M/s Hetero Drugs Ltd, Unit-III to M/s Hetero Labs Ltd.

d) They would apply for CFE for the proposed 1000 KLD effluent treatment plant after getting CFE- Expansion for Hetero Labs Ltd, Unit-III.

e) Proposal for transfer of EC of M/s Hetero Drugs Ltd, Unit-VI to M/s hetero Labs Ltd, Unit-III is in the final stages at the Ministry. The same will be submitted soon.

After detailed discussions, the Committee recommended to issue CFE for expansion incorporating relevant points as mentioned above.

MEMBER SECRETARY

CHAIRMAN
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ITEM NO. 9
M/s. United Port Services Private Limited, R.Sy.No.312, Kakinada Deep Water Port, ADB Road, Kakinada, East Godavari District - Applied for CFE for storage of Change of Chemicals without increasing total storage capacity – Reg.

The Committee noted the following:

a) M/s. United Port Services Pvt. Ltd., obtained CFE dt. 22.06.2018 for expansion for additional storage tanks.

b) The facility obtained CFO vide order dt. 06.05.2017 & 06.09.2019 for storage and handling of chemicals and petroleum products of capacity 42,718 KL with 13 no. of storage tanks.

c) Now, the facility applied for CFE for handling and storage of additional chemicals in the existing storage tanks without changing the total storage capacity and number of storage tanks.

d) As per the MoEF&CC notification dt. 13.06.2019 proposed line of activity is exempted from Environmental Clearance.

The representatives of the project proponent attended the meeting and informed that as per market demand they are proposing to store additional chemicals and requested to issue CFE it was clarified that the solvents storage tanks are cleaned by mopping with cloth only. No effluent is generated.

After detailed discussions, the Committee recommended to issue CFE for handling and storage of additional chemicals in the existing storage tanks without changing the total storage capacity and number of storage tanks.

ITEM NO. 10
Tejo Industry (Unit-II), R.S.No. 264/1, Akiveedu (V&M), West Godavari District - Applied for CFE - Reg.

The Committee noted the following:

a) M/s. Tejo Industry (Unit - II) had applied for CFE to establish an Ice manufacturing unit of capacity 7500 TPA at R.S.No. 264/1, Akiveedu (V&M), West Godavari District.

b) As per the classification issued by the CPCB, it is a Green category industry. “S.No.13 chilling plant, cold storage and Ice making.”

c) This application was examined by the EE, RO: Eluru and requested the proponent vide Ir. dt. 04.12.2018 to obtain No Objection Certificate (NOC) by 10.12.2018 from the Forest Range Officer, Wild Life Management, Kaikaluru, Krishna District and submit the same for issue of acknowledgment (Consent) of the Board.

d) The EE, RO: Eluru vide Ir. dt. 17.12.2018 addressed the Forest Range Officer, Wild Life, Kaikaluru (V & M), Krishna District to clarify whether the location of the proposed industry is within or outside the limits of +5 Contour of Kolleru Lake.

e) The Forest Range Officer, vide Ir. dt. 27.12.2018 replied that the rule position for establishment of industries in the sanctuary boundary / eco sensitive zone / buffer area (prohibited area) is not available in their office. He has requested the EE, RO: Eluru to contact Divisional Forest Office, Eluru for further query in the above said subject.

f) The EE, RO: Eluru vide Ir. dt. 30.01.2019 addressed the Divisional Forest Officer, Wild Life Management, Eluru. The reply is awaited.

g) In the mean while the project proponent submitted a representation on 27.08.2019 for reconsideration of their application. This was communicated to the Regional Officer, Eluru to furnish a report. The EE, RO: Eluru submitted reports vide Ir. dt. 04.09.2019 and 12.09.2019.

MEMBER SECRETARY

CHAIRMAN

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h) In this connection it is submitted as following:

i. The Board vide circular No. 14/33587/98/PCB/Legal/2001-935, dt. 20.08.2001 communicated a copy of the Hon'ble High Court order dt. 30.07.2001 in WP.No.33587/98 filed by Dr. T. Patanjali Sastri against APPCB and others w.r.t. activities in the catchment area of lake causing pollution to Kolleru lake. It was directed that the respondents shall forthwith take adequate steps for stoppage and regulation of effluents discharged from the industries and municipalities into Kolleru lake and strictly adhere to the standards, laid down by MoE&F, GoI for the purpose of preservation and maintenance of the lake and ecology.

ii. Based on above orders of Hon'ble Court, the Board requested M/s. Liquors India Ltd., Kalkaram (V), Ungutur (M), West Godavari District to choose alternative site to establish the industry vide letter dt. 07.12.2005 and directed to return the application of M/s. Sentini Bioproducts (P) Ltd., Pulla (V), Bhimadole (M), West Godavari District vide letter dt. 10.02.2006. Further, the APIIC was requested to choose alternative sites away from the catchment area of Kolleru lake to develop industrial estates vide ir dt. 13.04.2005 keeping in view of orders of Hon'ble High Court.

iii. The Board vide ir dt. 09.10.2007 addressed a letter to the Spl. Chief Secretary to Government, EFS&T Department, A.P. Secretariat, Hyderabad and informed the Government that the Board decided not to consider the applications of industries within a radius of 10 km around the Kolleru Lake duly communicating the Resolution No. 1716 of 117th meeting held on 13.08.2007.

iv. Similarly, the JCEE, ZO: Visakhapatnam vide order dt. 28.07.2018 rejected the application of M/s. Prabhakar Aluminum Profiles, R.S.No.90/1A, Eluru Road, Pedapatu (V) & (M), West Godavari District (Aluminum Profiles – 80 TPD) as the proposed site of the industry is located within 10 km of the catchment of Kolleru Lake. The proponent requested to reconsider their application. This was examined in the CFE Committee in the meeting held on 19.09.2018 at the Head and informed the industry that the decision taken by the ZO: Visakhapatnam rejecting the proposal vide order dt. 28.07.2018 keeping in view of Court Order, holds good.

v. The Hon'ble High Court vide order dt. 04.12.2018 in W.P.No.44075 of 2018 between M/s. Sree Seetha Rama Ice & Cold Storage, Akiveedu (V&M), West Godavari District opined as following:

"No coercive steps shall be taken by the official respondents as against the establishment of the petitioner till 14.12.2018. The petitioner shall not make any further construction or development or carry on any activity in the premises in question until then."

Further, the Hon'ble High Court vide order dt. 14.12.2018 extended interim order granted on 04.12.2018 is extended by 4 more weeks. The Hon'ble High Court vide order dt. 19.12.2018 in W.P.No. 39452 of 2018, dismissed the Writ Petition. Pending miscellaneous applications shall also stand closed. No costs.

The representatives of the project proponent attended the meeting and requested to issue CFE.

After detailed discussions, the Committee recommended to inform the RO, Eluru to reject CFE as per the Board resolution No. 1716 of 117th meeting held on 13.08.2007 and in view of Hon'ble High Court orders. In future also all the applications of the industries in 10 km. radius of Kolleru lake shall be rejected. The ROs: Eluru and Vijayawada shall be informed accordingly.

MEMBER SECRETARY

CHAIRMAN
M/s. Ramky Pharmacy (I) Pvt. Ltd. has obtained Environmental Clearance from MoE&F vide Order dated 10.03.2005 for establishing around 80 to 100 industrial plots in the size range of 2 Hectares to 25 Hectares with facilities encompassing common infrastructure (roads, power, water, drainage etc) environment infrastructure (effluent conveyance system, CETP, Marine Outfall, Common Hazardous Waste Management Facility etc) other facilities (solvent recovery facilities, bulk container depots etc) and social infrastructure (banks, restaurants, hospitals etc.) in an area of 862 Hectares.

The Board vide order dated 22.09.2004 issued CFE for establishment of common infrastructure facilities for catering the needs of industries to be established in JN Pharmacy including Hazardous Waste Management (TSDF).

M/s. Coastal Waste Management Project established the landfill during November, 2006 and the Board observed secondary leachate in the landfill during June, 2008. It was ascertained that the HDPE liner of the landfill was failed due to the increase of hydraulic pressure of ground water, therefore landfill operations were discontinued.

The APPCB constituted a High Level Expert Committee vide order dated 21.02.2009 to investigate the generation of secondary leachate in the landfill and to evaluate the performance of Common Hazardous Incinerator and CETP at M/s. Coastal Waste Management Project, Parawada, Visakhapatnam, Andhra Pradesh and to suggest short term and long term measures to improve the performance of the facility.

The recommendations / suggestions of the High Level Expert committee are as follows:

- Multiple factors seen to have caused the secondary leachate generation due to the damage to the HDPE liners, high ground water table in conjunction with other factors like improper selection of base clay liner, inadequate compaction at lower moisture content and possibly poor workmanship in sealing the joints of HDPE liner.

- In view of the damage to the liners in the existing cell, further use of the cell for land filling is not recommended.

- It is also suggested that in view of the contamination being caused to the ground water, the existing waste in the landfill may be transferred to a suitably designed landfill in another location, at the earliest. Along with the waste, the contaminated soil underneath the cell should also be transferred to the new landfill.

- Alternatively, the possibility of providing a hydraulic cut off barrier of concrete wall, around the filled portion of the existing cell of the landfill, deep enough to reach the impervious solid rock layer to prevent the contamination escaping from the cell to the ground water, may be explored and a permanent capping as per guidelines should be provided, in place of the temporary covering presently provided.

As per the committee recommendations, the Board directed M/s. CWMP vide Order: PCB /HWM/SP-67/2009, dated 07.12.2009, that "The facility shall transfer the existing waste in the landfill to a suitably designed landfill in another location, at the earliest with necessary approvals. The contaminated soil underneath the cell shall also be transferred to the new landfill along with the waste." M/s. Coastal Waste Management Project constructed a new landfill at new site during September, 2011 and as per the Board directions, the facility has transferred the entire hazardous waste from the old landfill to new landfill.

The landfill was extended in IV different phases and so far 9,25,078 T of waste was disposed in the secured landfill.

[Signatures]
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Now the facility proposed new landfill facility in 10 acres near the earlier failed landfill site and applied for CFE of the Board. Along with the CFE application, M/s. Coastal Waste Management Project submitted the study report conducted by Prof. C.N.V. Satyanarayana Reddy, Professor of Civil Engineering, Andhra University. The report states the following:

1) From soil investigation report, the sub soil at the proposed location is observed to be consisted of filled up soil, stiff sandy clay/clayey sand, clayey gravelly sand/ clayey gravel, soft disintegrated rock, weathered / highly disintegrated rock followed by fractured hard rock. Ground water is observed to be a depth of 2.8 m to 4.4 m below ground surface within the explored site of 10 acres.

2) As the proposed sited for landfill development is not close to public parks, airport, critical habitat areas, wet lands and the location does not fall in coastal regulation zone, the site is suitable for hazardous landfill.

3) As water table is at shallow depth (2.9-4.4m) below existing ground level, above-ground landfill shall be adopted.

4) The double base (composite) lining and side lining systems proposed for containing the pharmaceutical waste corresponds to the requirements of landfill for containing hazardous waste specified by CPCB.

5) The submitted layout and design drawings of proposed secured landfill are in line with requirements specified in HAZWAMS/17/200-01.

Hence, the layout and design drawings of the proposed landfill are certified and recommended for approval for construction by APPCB.

The representatives of the facility has given power point presentation on the proposed facility and submitted to the Committee that they are proposing for above ground level landfill facility and proposed for 2m clay lining above the ground level; planning to maintain ground water level in between 32-35 in the proposed landfill; also requested the Board to accord permission for Phase-I as the existing landfill will be exhausted within 3 months.

The committee noted the following:

1. The committee observed that there is huge variation in the layout presented by the TSDF members to the report submitted by Prof. C.N.V. Satyanarayana Reddy.

2. Voora Cheruvu is at a distance of 200 mtrs towards downstream from the proposed site in south west direction.

3. The proposed landfill facility is very close to the earlier failed landfill facility.

Recommendations:

After detailed discussions on agenda, verification report of RO: Visakhapatnam and submissions of the representative of the TSDF, the Committee recommended to constitute a Committee to inspect the proposed landfill site based on the

i. Criteria for Hazardous Waste Landfills issued by CPCB

ii. Recommendations of High Level Expert Committee

iii. NGRI report

iv. The study report submitted by the Prof. C.N.V. Satyanarayana Reddy, Professor of Civil Engineering, Andhra University on the proposed landfill facility

and detailed report shall be submitted within 20 days with clear recommendations whether the site is suitable for landfill or not.

MEMBER SECRETARY

CHAIRMAN