

**MINUTES OF THE 179<sup>th</sup> MEETING OF PUDUCHERRY POLLUTION CONTROL  
COMMITTEE HELD ON 08.05.2024 AT 3.00 P.M. IN THE CONFERENCE HALL,  
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**Agenda Item No. I – Confirmation of the Minutes of 178<sup>th</sup> PPCC Meeting held on 12.10.2023.**

The Committee confirmed the minutes of 178<sup>th</sup> PPCC meeting held on 12.10.2023.

**Agenda Item No. II – Action Taken Report on the decisions taken in the 178<sup>th</sup> PPCC meeting held on 12.10.2023**

The Committee noted the Action Taken Report on the decision taken in the 178<sup>th</sup> PPCC Meeting held on 12.10.2023.

**Agenda Item No. III – Report on pending action on decision taken during the earlier meetings (167<sup>th</sup> to 177<sup>th</sup> meeting).**

The Committee reviewed the action taken on decision taken in 167<sup>th</sup> to 177<sup>th</sup> PPCC Meeting. The Committee instructed to complete the pending decisions at the earliest.

**Agenda Item No. IV – Cases for Issue of Consent to Establish**

**Agenda Item No. 1 Issue of CTE/NOC to M/s Green Warrior, R.S.No.62, Kurumbapet Revenue village, Puducherry, for processing of Solid waste generated in Urban limit.**

The proponent made a presentation on Solid Waste processing methodology going to be adopted. The Committee after due deliberation decided to issue CTE to establish Integrated Solid Waste Processing Facility for the capacity of 400 TPD with the following conditions:

1. Proper Waste Segregation System shall be in place.
2. Bio-Degradable waste shall be subject to windrows composting. Suitable land area shall be made available for windrows composting.
3. Plastic Waste along with other high Calorific Valued Waste shall be converted to RDF and supplied to Cement Kiln Industry.
4. Sanitary Napkins and dead stray animals shall be disposed through incinerator of Common Biomedical Waste Treatment Facility / dedicated incinerator with suitable air pollution control devices. Emission shall meet CPCB prescribed standards.
5. Leachate shall be collected and treated in the ETP of suitable capacity. The treated waste water shall be used for composting. No discharge is allowed.
6. The inert material shall be used for bricks/paver making
7. No secured land fill shall be established
8. Buffer Zone of suitable tree species shall be developed around the site
9. Entire operation of the facility shall be strict adherence of the provisions of the Solid Waste Management Rules, 2016

**Agenda Item No. 2: Issue of CTE/NOC to M/s HR Square LLP at R.S.No.62, Kurumbapet Revenue village, Puducherry, for processing of Solid waste generated in Rural limit.**

The proponent made a presentation on Solid Waste processing methodology going to be adopted. The Committee after due deliberation decided to issue CTE to establish Integrated Solid Waste Processing Facility for the capacity of 400 TPD with the following conditions:

1. Proper Waste Segregation System shall be in place.
2. Bio-Degradable waste shall be subject to windrows composting. Suitable land area shall be made available for windrows composting.
3. Plastic Waste along with other high Calorific Valued Waste shall be converted to RDF and supplied to Cement Kiln Industry.

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4. Sanitary Napkins and dead stray animals shall be disposed through incinerator of Common Biomedical Waste Treatment Facility / dedicated incinerator with suitable air pollution control devices. Emission shall meet CPCB prescribed standards.
5. Leachate shall be collected and treated in the ETP of suitable capacity. The treated waste water shall be used for composting. No discharge is allowed.
6. The inert material shall be used for bricks/paver making
7. No secured land fill shall be established
8. Buffer Zone of suitable tree species shall be developed around the site
9. Entire operation of the facility shall be strict adherence of the provisions of the Solid Waste Management Rules, 2016

**Agenda Item No. 3: Issue of CTE/NOC to M/s HR Square LLP at RRP, Ward C, Block 10, T.S. No. 26/1, 25/2, Kovilpathu, Paravaipet, Karaikal Municipality, Karaikal**

The proponent made a presentation on Solid Waste processing methodology going to be adopted. The Committee after due deliberation decided to issue CTE to establish Integrated Solid Waste Processing Facility for the capacity of 400 TPD with the following conditions:

1. Proper Waste Segregation System shall be in place.
2. Bio-Degradable waste shall be subject to windrows composting. Suitable land area shall be made available for windrows composting.
3. Plastic Waste alongwith other high Calorific Valued Waste shall be converted to RDF and supplied to Cement Kiln Industry.
4. Sanitary Napkins and dead stray animals shall be disposed through incinerator of Common Biomedical Waste Treatment Facility / dedicated incinerator with suitable air pollution control devices. Emission shall meet CPCB prescribed standards.
5. Leachate shall be collected and treated in the ETP of suitable capacity. The treated waste water shall be used for composting. No discharge is allowed.
6. The inert material shall be used for bricks/paver making
7. No secured land fill shall be established
8. Buffer Zone of suitable tree species shall be developed around the site
9. Entire operation of the facility shall be strict adherence of the provisions of the Solid Waste Management Rules, 2016

**Agenda Item No. 4: Issue of CTE to Public Health (PH) Division, Public Works Department (PWD), Puducherry for construction of 15 MLD Sewage Treatment Plant at, Ward-P, Block No.2, T.S.No.12(part), New Port, Dubrayapet, Puducherry Municipality, Puducherry-605001 for treatment of used water flowing into nearby Grand Canal.**

The Committee discussed the proposal in detail. PWD Officials made a presentation on the project proposal. After due deliberation, the committee decided to accord Consent to Establish for the proposed 15 MLD STP Plant with following conditions:

1. PWD shall explore options for utilizing the treated wastewater, for non-potable purposes like industrial uses, irrigation, construction, etc.
2. Designated area with a hose connection point where tankers can easily access and fill up treated wastewater for various uses, shall be provided in the STP premises.
3. The dewatered sludge generated from the STP shall be disposed of scientifically, ensuring it is utilized as manure and not causing any environmental harm. A Sludge Management Plan shall be prepared and submitted before commencing STP operations.

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4. The treated wastewater quality must meet the prescribed standards stipulated under the Environment (Protection) Rules, 1986 for STP and Order of Hon'ble National Green Tribunal (Principal Bench) dated 30.04.2019 in O.A. No. 1069/2018.
5. PWD shall install Continuous Online Treated Sewage Quality Monitoring System connected to the servers of the PPCC, as per CPCB guidelines.
6. Green belt shall be developed along the periphery of the STP acting as a buffer zone between the STP and surrounding areas.
7. Performance based O&M mechanism shall be adopted for the STP to achieve specified treated waste water quality standards.
8. Necessary clearance under Coastal Regulation Zone Notification, 2011 shall be obtained before commencing the project activities in the site.

**Agenda Item No. 5: Issue of CTE to Irrigation and Public Health (IPH) Division, Public Works Department (PWD), Karaikal for construction of 11 MLD Sewage Treatment Plant at, Puduthurai, Dharmapuram Revenue Village, Karaikal.**

The Committee discussed the proposal in detail. PWD Officials made a presentation on the project proposal. After due deliberation, the committee decided to accord Consent to Establish for the proposed 11 MLD STP Plant with following conditions:

1. PWD shall explore options for utilizing the treated wastewater, for non-potable purposes like industrial uses, irrigation, construction, etc.
2. Designated area with a hose connection point where tankers can easily access and fill up treated wastewater for various uses, shall be provided in the STP premises.
3. The dewatered sludge generated from the STP shall be disposed of scientifically, ensuring it is utilized as manure and not causing any environmental harm. A Sludge Management Plan shall be prepared and submitted before commencing STP operations.
4. The treated wastewater quality must meet the prescribed standards stipulated under the Environment (Protection) Rules, 1986 for STP and Order of Hon'ble National Green Tribunal (Principal Bench) dated 30.04.2019 in O.A. No. 1069/2018.
5. PWD shall install Continuous Online Treated Sewage Quality Monitoring System connected to the servers of the PPCC, as per CPCB guidelines.
6. Green belt shall be developed along the periphery of the STP in at least 33% of the project area, acting as a buffer zone between the STP and surrounding areas.
7. Performance based O&M mechanism shall be adopted for the STP to achieve specified treated waste water quality standards.

**Agenda Item No. 6. Issue of CTE to M/s. Chemfab Alkalies Karaikal Ltd., for manufacturing Additional products – Caustic Soda – 252 TPD and its associated products and by-products at, Survey No. 105, 111 to 126, PIPDIC Industrial Estate, Polagam, T.R Pattinam Commune, Karaikal.**

The Committee reviewed the project proposal and the recommendations made by the sub-committee consisting of subject experts constituted in the 178<sup>th</sup> PPCC meeting held on 12.10.2023 to visit the site and verify all the details. After due deliberation the committee decided to accord Consent to Establish for the proposed. After due deliberation the committee decided to accord Consent to Establish for the proposed Caustic Soda Plant with following conditions, after obtaining approval of Government:

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1. The Chlor-Alkali plant's operational water requirements shall be entirely met by the project proponent's proposed stand-alone desalination plant. Commissioning of the Chlor-Alkali plant is contingent upon obtaining the requisite Coastal Regulation Zone (CRZ) clearance for the stand-alone desalination plant from the Ministry of Environment, Forest and Climate Change (MoEFCC).
2. Fully Enclosed Negative Pressure Scrubbing (FENPS) shall be deployed in critical areas like Liquefier section, Chlorine filling area and Chlorine storage bullets to rapidly respond to and contain potential chlorine leaks.
3. Comprehensive environmental and safety audits shall be conducted in all operational zones of the plant at least once annually. These audits shall assess the adequacy of implemented environmental safeguards and plant / occupational safety measures, and identify necessary corrective actions.
4. The project proponent shall be developed onsite emergency plan comprising identification of health hazardous chemicals and isolated chemical storage areas, safety measures, mitigation measures, response procedures and protocols in case of any accidents/disasters inside the plant premises.
5. A robust off-site emergency plan shall be developed and implemented in collaboration with the District Administration. This plan shall outline critical response procedures and communication protocols in case of incidents beyond the plant boundaries.
6. The project proponent shall implement a system for continuous monitoring of ambient chlorine levels throughout the facility. This system will be integrated with automatic alarm and control systems to activate mitigation measures in case of elevated chlorine levels.
7. A dedicated Environment Management Cell shall be established with qualified personnel specializing in Environmental Science, Engineering, or Management. This cell will be equipped with a fully functional laboratory to conduct environmental monitoring and management activities.
8. Green belt shall be developed in more than 33% of the total project area, mainly along the plant periphery with native species and suitable plants and trees that are pollution indicators.
9. Hazardous wastes like Used Oil / Spent Oil, Oil-Soaked Cotton Waste and MEE Salt shall be disposed of to the cement plants for co-processing, reprocessing units or TSDFs after obtaining necessary Hazardous Waste Authorization from PPCC.

**Agenda Item No. 7: Issue of CTE to M/s. Chemfab Alkalies Karaikal Ltd., - Desalination Plant (Separate unit), at, No. 106/2, Keezhaiyur North, Pattinacherri Village, T.R Pattinam Commune, Karaikal.**

The Committee reviewed the project proposal and the recommendations made by the sub-committee consisting of subject experts constituted in the 178<sup>th</sup> PPCC meeting held on 12.10.2023 to visit the site and verify all the details. After due deliberation the committee decided to accord Consent to Establish for the proposed Desalination Plant with following conditions:

1. Necessary clearance under Coastal Regulation Zone Notification, 2011 shall be obtained before commencing the project activities in the site.
2. The hydrodynamic dispersion model worked for the reject dispersion shall be represented in terms of real values of reject plus ambient salt concentration that prevails during pre and post-monsoon periods.
3. Based on overall assessment of the location of sea water intake, RO reject at outfall and the associated diffuser's locations, radial distance of the outfall point is to be widely separated.
4. The marine diffuser is proposed at about 9.4 meters depth. The unit shall install multiport staged diffuser system with diffuser nozzles provided at different heights from the sea bed for improving the dispersion efficiency.

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5. The general standards for discharge of environmental pollutants into marine / coastal areas stipulated under Schedule VI Part A of the Environment Protection Rules, 1986 as amended shall be strictly complied for marine disposal of desal reject waste water. All the parameters mentioned in the standard shall be monitored on monthly basis and reports shall be submitted to PPCC.
6. Quarterly marine water quality monitoring across all seasons shall be carried out around the marine out fall, covering all the four seasons, to ensure minimal ecological impacts. Physio chemical parameters of the sea water and marine sediments and biodiversity of plankton, fish and benthic communities shall be monitored

**Agenda Item No. 8 Issue of CTE for Additional Activity of Hydrogen Bottling to M/s. Chemplast Sanmar Ltd., a Large Scale, Red (17 Categories) Category unit inside the premises of the unit.**

The Committee discussed the proposal in detail. After due deliberation, the committee decided to accord Consent to Establish for the proposed Hydrogen Bottling Plant with following conditions:

1. PESO approval shall be obtained before applying for CTO.
2. Flame arrestors shall be provided for all Hydrogen gas vent gas stack with Nitrogen purging and steam quenching system.
3. It is suggested to provide continuous N<sub>2</sub> purging in the vent stack to ensure oxygen free space at inlet of Flame Arrestor.
4. Steam shall be provided at inlet of flame arrestor to quench the flame when it is likely to occur.
5. All lighting and switches / devices, installed in the premises shall be Flame proof
6. The building shall be dedicated solely to the Hydrogen gas compression and filling
7. All vehicles that enter in H<sub>2</sub> Bottling unit shall be of BS-VI vehicles only / shall be fitted with Spark Arrestors if necessary and the same shall be monitored regularly.
8. Periodic calibration of H<sub>2</sub> Leak Detector shall be carried out once in 3 months.

**Agenda Item No. 9: Issue of CTE to M/s. Jyothy Labs Ltd., Karaikal, Large Scale Orange Category unit for production enhancement and additional products**

The Committee discussed the proposal in detail. After due deliberation, the committee decided to accord Consent to Establish for the proposal with following conditions:

1. The unit shall conduct monthly monitoring of the STP and ETP through NABL accredited lab and submit the report to PPCC.

**Agenda Item No. 10: Issue of NOC for Partial replacement of Furnace Oil / Hydrogen Gas to LNG, transporting and storage inside the premises of the unit, to M/s. Chemfab Alkalies Ltd., Kalapet, Puducherry, from the Indian Oil Refinery.**

The Committee heard the proposal. As opined by the Expert Member Dr. Saravanan a copy of the Risk Assessment Study Report was given for examination. The Committee after due deliberation decided to clear the proposal subject to inclusion of the recommendations of the Risk Assessment Report alongwith the following conditions:

1. The unit shall comply with the provisions of the Risk Assessment Study including Hazard Assessment, Consequence Analysis, Safety Systems, Risk Evaluation and Emergency Response Plan conducted for the proposed LNG Storage Capacity of 45 MT and use the LNG as alternative fuel for Furnace Oil in phased manner.

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2. The unit shall comply with the conditions stipulated in the following clearances

- a. PESO Clearances dated 21.08.2023 and 26.10.2023.
- b. NOC of the District Administration vide Letter dated 07.06.2023.
- c. Clearance of the Inspector of Factories and Boilers dated 03.03.2023.
- d. Fire Service Department NOC dated 13.10.2022

**Agenda Item No. 11: Issue of Consent To Establish (Expansion) to M/s. Rane Madras Limited at R.S.No.77, Thirubhuvanai Main Road, Thirubhuvanai, Mannadipet Commune, Puducherry.**

The committee heard the proposal of the project agency and discussed the subject in detail. The Committee after deliberation decided to issue CTE for increasing production capacity of Rack and Pinon Gears from 5000 Nos/day to 10,000 Nos/day, Steering & Suspension and Linkage joints from 30,000 Nos/day to 45,000 Nos/day with enhancement of power from 7296 HP to 9376 HP with the following conditions:

1. The water requirement of the unit shall be increased from 70 to 138 KLD.
2. The unit shall obtain registration certificate for withdrawal of additional ground water from Puducherry Ground Water Authority.
3. The unit shall enhance the capacity of STP from 100 to 125 KLD.
4. Additional trade effluent shall be treated in existing ETP of 10 KLD capacity.
5. Additional Quantity of Hazardous waste generated shall be disposed through SPCB / PPCC authorized agencies.
6. The unit shall plant greenery / trees in and around the village roads / approach roads in consultation with Mannadipet Commune Panchayat.

**Agenda Item No. 12: Issue of Consent to Establish / NOC to M/s. A. B Grain Sprits Private Limited, R.S. No. 192/1pt, 192/2, 192/3, 192/4, Vadhanur Revenue Village, P.S Palayam, Mannadipet Commune, Puducherry for manufacturing of Indian Made Foreign Liquor (IMFL).**

The Committee discussed the proposal in detail. The committee noted that the following points:

1. The name of the unit is changed from M/s. ABGS Puducherry Private Limited to M/s. A. B Grain Sprits Private Limited.
2. The unit has submitted amended in-principle approval from the O/o the Deputy Commissioner (Excise), Puducherry vide Memorandum No.200532/DCE/ IMFL / 2022-23 dated 05.06.2023 in the name of M/s. A. B Grain Sprits Private Limited. The amendment is issued on 12.10.2023 for the change in the date of initial approval from 05.06.2022 to 05.06.2023. The validity of the in-principle approval is up to 05.06.2024.
3. The unit has submitted amended registration certificate in the name of M/s. A. B Grain Sprits Private Limited from Puducherry Ground Water Authority for withdrawal of 25 KLD of water from existing bore well.

The Committee after deliberation decided to issue CTE for bottling of Indian Made Foreign Liquor (IMFL) – 3,12,000 – Cases / Annum or 1040 cases /day with the following conditions:

1. The unit shall install high efficiency RO plant, DM plant and plan for maximum reuse of water to reduce ground water consumption.

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2. The waste water from bottle washing area shall be treated in Sand filter → Activated carbon filter and reused for bottle washing to maximum extent to reduce the water consumption.
3. Waste water from bottle washing, reject, regeneration and backwash water from the RO / DM plant shall be treated in the Combined Effluent Treatment plant (ETP).
4. The unit shall provide Combined Effluent Treatment plant (ETP) of 10 KLD capacity to treat the sewage and trade effluent generated.
5. Hazardous waste like waste oil, oil soaked cotton waste, printing ink cans, ink soaked cotton waste and spent ion exchange resin shall be disposed to authorized Hazardous waste treatment facility / Pre-Processing facility.
6. The project proponent shall obtain necessary authorization from the PPCC under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
7. The unit shall construct the Rain Water Harvesting structures in consultation with the Puducherry State Ground Water Authority, Puducherry.
8. Green belt / tree plantations shall be developed and maintained in 20% of the unit's site area with suitable indigenous species.
9. The unit shall comply with the Solid Waste Management Rules, 2016.

**Agenda Item No. 13: Issue of Consent to Establish / NOC to M/s. SNJ Distillers Pvt. Ltd, R.S. No. 10/1, 10/3/A, 3/1, etc., Thondamantham, Villianur Commune, Puducherry for manufacturing of Indian Made Foreign Liquor (IMFL).**

The Committee heard the proposal. The Committee noted that;

1. The proposal for manufacturing IMFL ((Blending and Bottling only) - 8000 cases/day was cleared in the 177<sup>th</sup> PPCC meeting held on 18.05.2023 with certain conditions including prior submission of Clearance obtained from the Puducherry Ground Water Authority for drawl of ground water (70 KLD) to PPCC by the project proponent.
2. The minutes of the above meeting has got approval of the Hon'ble Chief Minister –cum- Hon'ble Minister (Science, Technology & Environment).
3. The Project proponent has submitted for revised approval requesting CTE for manufacturing IMFL - 6000 cases/day only instead of 8000 cases / day as the prior clearance for extraction of 40 KLD only was issued by the Member Secretary, Puducherry Ground Water Authority vide letter No.6/PGWA/GB-Permit/Indust'l-NTW/2023-24 dated 16.11.2023 considering the Water scarce area.
4. Due to the reduction in the Water requirement, the Project Proponent has modified the capacities of ETP (from 40 KLD to 20 KLD) and STP (from 20 KLD to 10 KLD). The revalidation of the in-principle approval obtained from the O/o of the Deputy Commissioner (Excise), Puducherry vide Memorandum No. 200524/DCE/IMFL/2023-24/4052 dated 10.07.2023 was valid up to 30.04.2024.

The Committee after due deliberation decided to issue CTE for the proposal subject to the following conditions;

1. The proponent shall submit the revalidated in-principle approval from the Excise Department, Puducherry
2. The water requirement and production capacity shall not exceed 40 KLD and 6000 cases/day respectively.
3. The unit shall install high efficiency RO plant, DM plant and plan for maximum reuse of water to reduce ground water consumption. Rejects from the both the RO and DM plants shall be treated in the ETP.

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4. The unit shall provide ETP of capacity 20KLD and STP of capacity 10 KLD. The treated waste water of ETP / STP shall be reused for bottle wash and finally for toilet flushing by way of dual plumbing system and for gardening purpose. There shall be no discharge of waste water into the nearby canals / drains.
5. The unit shall be water positive and shall recharge twice the quantity of ground water withdrawn. The unit shall construct the Rain Water Harvesting structures in consultation with the Puducherry State Ground Water Authority, Puducherry.
6. In order to explore and adopt water conservation measures, the unit shall carry out annual water audits through authorized Institution / Agency after one year from the date of commencement of production and submit the water audit reports to PPCC.
7. Hazardous waste like waste oil, oil soaked cotton waste, printing ink cans, ink soaked cotton waste and spent ion exchange resin shall be disposed to authorised Hazardous waste treatment facility / Pre-Processing facility.
8. The unit shall obtain necessary authorization from the PPCC under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
9. Green belt / tree plantations shall be developed and maintained in 20% of the unit's site area with suitable indigenous species.
10. The unit shall comply with the Solid Waste Management Rules, 2016.

**Agenda Item No. 14: Issue of Consent to Establish/ No Objection Certificate to M/s. Puducherry Enviro Tech at, R.S. No. 27/10pt, Thuthipet Village, Villianur Commune Panchayat, Puducherry for manufacturing Brine Sludge Solid Bricks and Paver Blocks.**

1. The Committee heard the proposal. The Committee after due deliberation decided to issue CTE for the proposal for making Brine Sludge Solid Bricks – 5000 Nos./day and Paver Blocks - 500 Nos/day subject to the following conditions;
2. The Project proponent shall comply with the CPCB SOP (February 2021) for Utilization of Brine Sludge (Generated from Caustic Soda Unit) for manufacturing of Bricks.
3. The following minimum requisite facilities shall be installed:
  - a. Covered storage shed of adequate capacity to store hazardous waste and raw materials at least 30 days requirement.
  - b. Cool, dry well ventilated covered storage shed for hazardous waste and raw materials storage, product storage and process activities with completely paved area within the premises.
  - c. Mechanized Conveyor System for handling and transfer of brine sludge.
  - d. Pan Mixer and Brick Manufacturing machine.
  - e. Leak-Proof flooring at drying and curing area with drain for excess water collection connected to ETP( Capacity 1KLD)
4. The unit shall obtain necessary hazardous waste authorization under the under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
5. The unit shall not import the HW Raw Material i.e., Brine Sludge from the neighboring States.
6. The unit shall utilize the C & D Waste from the Municipality Storage Yard for the bricks manufacturing process by entering MoU with LAD, Puducherry

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**Agenda Item No. 15: Issue of Consent to Establish / NOC to M/s. Rishab Intermediates Pvt. Ltd., R.S.No. 26/8&9, 32/3A, 32/3B & 32/4, PIPDIC Industrial Estate, Sedarapet, Villianur Commune, Puducherry to use additional raw materials for manufacturing Basic Chromium Sulphate -6000 TPA, Zinc Sulphate Mono Hydrate - 6000 TPA and Calcium Sulphate (Gypsum) - 3600 TPA as By-Product.**

The Committee heard the proposal. The Committee after due deliberation decided to issue NOC for use the raw materials viz., Chromium Sulphate (Liquor) produced by Kumar Intermediates, Marakanam and . Basic Chromium Sulphate produced by Arihant Intermediates (Madras) Pvt. Ltd by the unit subject to the following conditions;

1. The unit shall not exceed the permitted production capacity of Basic chromium Sulphate (6000 TPA) and there shall not be any additional machineries, power and water requirement.
2. The unit shall maintain records of raw material procurement from TamilNadu.
3. The unit shall comply with all the conditions stipulated in the Air and Water Consents (Renewal) issued on 16.08.2023 with validity up to 31.03.2026

**Agenda Item No. 16: Issue of CTE to M/s. Vaigai Industries (A Division of Vaighai Chemical Industries Limited), Large / Red, R. S. No. 32/1, 32/2, 32/3H & 32/4, Melakasakudy Village, Nedungadu Commune, Karaikal for replacement of existing Cell Halls B and C, with advanced Cell Hall B, adjacent to the existing New Cell Hall A, in the same premises.**

The Committee reviewed the project proposal and the recommendations made by the sub-committee consisting of subject experts constituted in the 178<sup>th</sup> PPCC meeting held on 12.10.2023 to visit the site and verify all the details. After due deliberation the committee decided to accord Consent to Establish for the proposed. After due deliberation the committee decided to accord Consent to Establish for the proposed replacement of Cell Hall with following conditions:

1. There shall be no production enhancement.
2. The New Cell Hall B shall be provided with Multi stage Caustic Wet Scrubber to control chlorine emission and chlorine sensor shall be provided in stack.
3. Regular monitoring of volatile inorganic vapour / odour from the plant to be monitored and connected online to PPCC for compliance through the year.
4. Fugitive emissions in the work zone environment, product , raw materials storage area etc. should be regularly monitored
5. The operational schedule with shutdown frequencies of the new plant if any, to be earmarked in assessing the emission monitoring.
6. The firm should obtain authorisation for collection, storage and disposal of Hazardous waste (Management, Handling and Transboundary movement) , Rules 2008 and amended as on date for management of Hazardous wastes and prior permission from PPCC should be obtained for the disposal of Hazardous waste to licenced vendor to TSDF.
7. Measures should be taken for fire fighting facilities in case of emergency.
8. Occupational health surveillance of workers should be done in regular basis and records maintained as per Factories Act.
9. Adequate Green Belt shall be provided along the periphery of the industry. Native species and chlorine sensitive species shall be planted in consultation with subject experts. The chlorine effect on the green belt vegetation and nearby the premises shall be regularly monitored and submitted to PPCC.

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**Agenda Item No. 17: Issue of CTE for manufacturing additional products to M/s. Power Soaps Private Ltd. No. B41-47 & B59-B65, PIPDIC Industrial Estate, Sedarapet, Villianur Commune Panchayat, Puducherry, with additional investment of 403.88 Lakhs and without any additional requirement of Power, Water and Manpower.**

1. The Committee heard the proposal. The Committee noted that;
2. The permitted production capacity of the Linear Alkyl Benzene Sulphonic Acid (LABSA) 96% is 18000 MTA
3. The proposal is for manufacturing the following Additional Products without change in the permitted production capacity and without additional requirement of the resources, viz., Power, Water and Manpower.

(a) SLES Liquid 28%	-	4200 TPA
(b) SLES Paste 70%	-	2400 TPA
(c) AOS Liquid 28%	-	3500 TPA
(d) AOS Paste 70%	-	1800 TPA
(e) AOS Noodles 99%	-	1200 TPA
Total	-	13100 TPA

4. The Proposal does not attract the provisions of the EIA Notification.

The Committee after due deliberation decided to clear the proposal subject to the following conditions

1. The unit shall not exceed the permitted production capacity of 18000 MTA altogether viz., existing products and the proposed additional products.
2. There is no additional manpower proposed and hence no additional water requirement for domestic purposes.
3. Water added for concentration of SLES / AOS, which is met out from the existing permitted capacity and the source is PWD STEW, used after treatment in the existing ETP, as per requirement.
4. The unit shall provide material balance and hazardous waste volume and its characteristics. Additional hazardous waste generated if any shall be disposed through authorized recyclers
5. The unit shall comply with the conditions stipulated in the Air and Water Consent (Renewal) issued on 16.03.2024 with validity upto 31.07.2028

**Agenda Item No. 18: Issue of Consent to establish to M/s VKR ALLOYS, Ward – A, Block. No.2, T.s.No. 4/1pt, Mettacaur, Yanam for enhancement of production capacity of Calcium Carbide from 600 TPA to 1800 TPA along with power enhancement from 670 HP To 1517 HP**

The Committee heard the proposal. The Committee noted that the proposal requires the approval from the Government. The Committee after due deliberation decided to clear the proposal subject to the following conditions after obtaining the approval of Government of Puducherry.

1. The unit shall use electric Power as fuel for heating purposes
2. Separate shed with roof and sides closed arrangements has been provided for raw materials storage.
3. The emission arising from the Arc Furnace is being collected by the hood and let out through the duct, Cyclone Separator, Wet Scrubber with ID Fan push the emission through a stack of 30 mts. height from the ground level.
4. Cooling of Molten Calcium Carbide is being carried out near the furnace, so that the same hood will collect the emission from the product through the duct to the chimney.
5. Separate Energy Meters are provided and log books are maintained

*S. Kumar*



**MINUTES OF THE 179<sup>th</sup> MEETING OF PUDUCHERRY POLLUTION CONTROL COMMITTEE HELD ON 08.05.2024 AT 3.00 P.M. IN THE CONFERENCE HALL, CHIEF SECRETARIAT, PUDUCHERRY**

6. Bag Filter along with Cyclone Separator is attached to Jaw Crusher. The collected dust is reused in process
7. Steel packing materials, Barrels, Packing Materials, rejected worn out parts are collected and stored in separate storage yard.
8. The unit shall comply with the conditions stipulated in the Air and Water Consent (Renewal) issued on 29.07.2022 valid upto 30.09.2024

**ADDITIONAL AGENDA**

**Additional Agenda Item No. 1: Issue of CTE/NOC to M/s HR Square LLP at Yanam, at R.S.No.59/1,59/2,59/3,59/4,54/1,54/2,54/3,54/4 and 63, Mettakuru Revenue village, Yanam, for processing of Solid waste generated in Yanam.**

The proponent made a presentation on Solid Waste processing methodology going to be adopted. The Committee after due deliberation decided to issue CTE to establish Integrated Solid Waste Processing Facility for the capacity of 400 TPD with the following conditions:

1. Proper Waste Segregation System shall be in place.
2. Bio-Degradable waste shall be subject to windrows composting. Suitable land area shall be made available for windrows composting.
3. Plastic Waste alongwith other high Calorific Valued Waste shall be converted to LDF and supplied to Cement Kiln Industry.
4. Sanitary Napkins and dead stray animals shall be disposed through incinerator of Common Biomedical Waste Treatment Facility / dedicated incinerator with suitable air pollution control devices. Emission shall meet CPCB prescribed standards.
5. Leachate shall be collected and treated in the ETP of suitable capacity The treated waste water shall be used for composting. No discharge is allowed.
6. The inert material shall be used for bricks/paver making
7. No secured land fill shall be established
8. Buffer Zone of suitable tree species shall be developed around the site
9. Entire operation of the facility shall be strict adherence of the provisions of the Solid Waste Management Rules, 2016.

**Additional Agenda Item No. 2: Issue of CTE for replacement of existing HCl manufacturing system with New HCl manufacturing system, with the same permitted capacity (45 TPD) adjacent to the existing HCl manufacturing system, of the unit, in the premises, utilizing existing Storage Tanks and Chlorine and HCl acid Mist Sensor, to M/s. Chemplast Sanmar Ltd., Large / Red (17 Categories), located and operating at, No. 315, Melavanjore Village, T. R. Pattinam Commune, Karaikal**

The Committee discussed the proposal in detail. The committee noted that the plant was installed in 1996 and it is proposed to be replaced with new HCl plant for safety reasons without any production enhancement. After due deliberation, the committee decided to accord Consent to Establish for the proposed Hydrogen Bottling Plant with following conditions:

- i) There shall be no production enhancing.
- ii) Continuous Online Emission Monitoring System shall be provided for Chlorine and HCl in the process stack, with real-time connectivity to PPCC and CPCB, as per CPCB guidelines.

**Agenda Item No. V –GENERAL AGENDA**

The Committee decided that the General Agenda items shall be process in file and submitted to the Chairman for approval.

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*N. Sundar*



**MINUTES OF THE 179<sup>th</sup> MEETING OF PUDUCHERRY POLLUTION CONTROL  
COMMITTEE HELD ON 08.05.2024 AT 3.00 P.M. IN THE CONFERENCE HALL,  
CHIEF SECRETARIAT, PUDUCHERRY**

**ANNEXURE**

Sl. No	Name & Designation of member <u>Tvl.</u>		
1.	Jayanta Kumar Ray, I.A.S. Secretary to Government Science, Technology & Environment	--	Chairman
2.	Yasam Lakshmi Narayana Reddy Director Dept. of Science, Technology & Environment	--	Member
3.	P.T. Rudra Goud Director Department of Industries & Commerce	--	Member
4	Dr. C. Palpandi Scientist D Ministry of Environment, Forest and Climate Change, Regional Office, Chennai - 34	--	Member
5.	H.D. Varalaxmi Regional Director Central Pollution Control Board (Representing Member Secretary)	--	Member
6.	Dr. G. Ragunathan Deputy Director Health and Family Welfare Services Puducherry	--	Member
7.	A. Sureshraj Commissioner Oulgaret Municipality Puducherry	--	Member
8.	Dr. S. Sevvel Medical Superintendent Indira Gandhi Government General Hospital & Post Graduate Institute Puducherry,	--	Member
9.	P.T. Rudra Goud Managing Director PIPDIC	--	Member
10.	S. Manohar Member Secretary Puducherry Ground Water Authority Puducherry.	--	Member
11.	A. Joseph Rozario Chairman, Confederation of Indian Industry Secretariat Puducherry,	--	Expert Member



**MINUTES OF THE 179<sup>th</sup> MEETING OF PUDUCHERRY POLLUTION CONTROL  
COMMITTEE HELD ON 08.05.2024 AT 3.00 P.M. IN THE CONFERENCE HALL,  
CHIEF SECRETARIAT, PUDUCHERRY**

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|-----|--|----|------------------|
| 12. | Dr. M. P. Ramanujam<br>Consultant<br>Puducherry  | -- | Expert Member    |
| 13. | Dr. R. Saravanane<br>Professor & Director (IPR),<br>Department of Civil Engineering,<br>Puducherry Technological University  | -- | Member           |
| 14. | Kanagaraj<br>Inspector of Factories and Boilers<br>Gandhi Nagar, Puducherry.   | -- | Special Invitee  |
| 15. | T. Pannir Selvam<br>Assistant Engineer<br>Electricity Department,<br>Puducherry.<br>(Representing Superintending Engineer-I) | -- | Special Invitee  |
| 16. | Dr. N. Ramesh<br>Senior Environmental Engineer<br>Department of Science, Technology & Environment<br>Puducherry.             | -- | Member Secretary |