

**MINUTES OF THE 169<sup>th</sup> MEETING OF PUDUCHERRY POLLUTION CONTROL COMMITTEE HELD ON 09.02.2021 AT 3.30 P.M. IN THE CONFERENCE HALL OF PUDUCHERRY POLLUTION CONTROL COMMITTEE, PUDUCHERRY**

**Agenda Item No. I – Confirmation of the Minutes of 168<sup>th</sup> PPCC Meeting held on 10.09.2020.**

**Agenda Item No. II–Cases for Issue of NOC/Consent to Establish**

**Agenda Item No. 1: Issue of NOC for Enhancement of Production Capacity to M/s. POCL Enterprises Limited, Behind A-73 & 74, PIPDIC Industrial Estate, Mettupalayam, Oulgaret Municipality, Puducherry.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee noted that, the enhanced production quantity is more than the double of the existing production of most of the products.

The Committee after due deliberation decided to form a Sub-Committee, comprising of the Member Secretary, PPCC, the Professor and Head, Chemical Engineering Department, Puducherry Engineering College and the Deputy Director, Directorate of Industries and Commerce, as members.

The Sub-Committee thus formed shall inspect the unit and the issue of CTE / NOC may be decided at the level of the Member Secretary, PPCC.

**Agenda Item No. 2: Issue of Direction to M/s. Chemplast Sanmar Limited, Karaikal, for removal of secured landfills at the premises and disposal of sludge generated from the process.**

The proposal of the project agency was discussed in the meeting. The Committee has noted the following :

- i. The Sludge generated from the process of the unit is non-hazardous in nature, as per the NABL Accredited Laboratory analytical analysis reports dated 24.12.2019 and 30.01.2020.
- ii. The unit has obtained NOC dated 13.11.2020, with validity upto 12.11.2021, under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended till date, to transport the Sludge generated from the process to a TSDF, viz., M/s. Mother Earth Environ Tech Private Limited, located and operating at, Plot No. 158 – 164, KIADB Kadechur Industrial Area, Yadgir District, Karnataka, for secured land-filling.

The Committee after due deliberation decided to direct the unit to continue the same, as permitted by this Committee, under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended till date, subject to the following additional conditions:

- i. The unit shall not construct any new Secured Land Fills in the premises.
- ii. The existing Secured Land Fills, in the premises of the unit shall be removed in an environmentally safe manner regularly and the legacy solid wastes in the same shall also be transported to the TSDF, for secured land-filling.

**Agenda Item No. 3: Issue of NOC for Repair and Replacement of the Caustic Soda Pipeline and maintenance of the Ethylene pipeline to M/s. Chemplast Sanmar Limited, Karaikal.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee has noted that, the Marine Terminal Facility is more than 10 years old and the changes is required to ensure safety.

The Committee after due deliberation decided to issue NOC subject to the following conditions:

- i. The unit shall obtain necessary revised clearance from the MoEF&CC.
- ii. The replacement of Caustic Soda pipeline and the maintenance of Ethylene and associated pipelines may generate hazardous wastes and hence the unit shall obtain clearance from this Committee, under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the copy of the same shall be submitted to this Committee.



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**Agenda Item No. 4: M/s. Karaikal Port Pvt., Ltd., Karaikal - Relaxation of the conditions imposed for handling Sand and Coal (Semi-mechanized mode of handling), in its 162<sup>nd</sup> and 163<sup>rd</sup> Meeting held on 27.11.2018 and 10.12.2018, respectively.**

The Committee discussed the request of the project agency on relaxation of the conditions imposed in the earlier meeting. The Committee after due deliberation decided to maintain status quo, on the conditions imposed by PPCC, as per the minutes of 161<sup>st</sup> and 162<sup>nd</sup> Meeting of PPCC, held on 27.11.2018 and 10.12.2018, for sand and coal handling respectively.

**Agenda Item No. 5: M/s. Karaikal Port Pvt., Ltd., Karaikal - 'No increase in pollution load' Certificate for handling of Sand and to re-categorize the cargoes handled as per EIA Guidance Manual for Ports, Harbours, published by MoEF& CC, New Delhi in February, 2010.**

The Committee heard the proposal of the project agency and discussed the subject in detail along with the decisions taken 157<sup>th</sup> PPCC meeting, the Environmental Clearance obtained by the KPPL vide No. 1042/2009-IA.III dated 22.09.2009 and the consequent decisions issued by MoEF&CC in this regard.

The Committee after due deliberation decided to examine the proposal further, on the basis of the following:

- i. PPCC shall follow the procedure prescribed for the issue of "No Increase in Pollution Load" Certificate, as per the provision 7(ii), read with Appendix XIII, of the EIA Notification, 2006, and its amendments, of the MoEF&CC, New Delhi.
- ii. The "No Increase in Pollution Load" Certificate, shall be furnished to MoEF&CC, for amendment in the Environment and CRZ Clearance, after issuance by PPCC.

**Agenda Item No. 6: Issue of Air and Water Consent Orders Renewal to M/s. Chemfab Alkalies Limited, Kalapet, Pondicherry, a Large Scale Red (17 Categories) industry, for the period upto 30.06.2022.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation recommended to Renew the Air and Water Consent Orders of the unit, for the period upto 30.06.2022.

**Agenda Item No. 7: Issue of CTO for Sludge Bricks - 23570 Nos. / Day, to M/s. Chemfab Alkalies Limited, Kalapet, Pondicherry, a Large Scale Red (17 Categories) industry.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee noted that, the unit has complied with the conditions of the CTE, except the mechanization of the entire process, closed conveyor system, closed shed for the process and the pH of the bricks.

The Committee after due deliberation decided to direct the unit to comply with all the conditions of the CTE issued by PPCC, vide No.1844/PPCC/NOC/ADD-ACT/OMK/PDY/JE/2019/464 dated 05.08.2019, valid upto 30.08.2023. After compliance of the conditions of the CTE, the issue of CTO shall be considered at the level of the Member Secretary.

**Agenda Item No. 8: Issue of CTO for the UF/RO system (Part of Desalination Plant), to M/s. Chemfab Alkalies Limited, Kalapet, Pondicherry, a Large Scale Red (17 Categories) industry, for STEW water intake (1700 KLD) and rejects discharge (700 KLD), through existing Marine Outfall of Existing ETP.**

The proposal of issue of CTO to Ms. Chemfab Alkalies Limited was discussed with the relevant documents in the Committee meeting. The Environmental Clearance issued by the MoEF&CC, Government of India vide No. 11-5/2020-IA-III dated 02.03.2020 was taken into due consideration.

After detailed deliberation, the Committee recommended to clear the proposal to issue CTO for the operation of the UF/RO Plant for the STEW Water.



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**Agenda Item No. 9 : Issue of CTO for Expansion to M/s. Chemfab Alkalies Limited, Kalapet, Pondicherry, a Large Scale Red (17 Categories) industry, for manufacturing Caustic Soda from 125 TPD to 155 TPD, along with its associated increase in other products and by-products and additional power of 2000 KVA.**

The Committee discussed the issue of CTO to Ms. Chemfab Alkalies Limited with the relevant documents in the Committee meeting. The Environmental Clearance issued by the MoEF&CC, Government of India vide No. J-11011/ 371/2017-IA-II(I) dated 27.08.2020 and the approval accorded by the Government of Puducherry on 12.10.2017, were taken into due consideration.

After detailed deliberation, the Committee recommended to issue CTE (Consent to Establish) for the enhanced production capacity of Caustic Soda from 125 TPD to 155 TPD and other associated enhancements of the products and by-products, subject to the condition that the unit shall comply with the conditions of the EC, CRZ clearance issued by the MoEF&CC.

**Agenda Item No. 10: Issue of CTE/ NOC to construct 5 Nos. of "Decentralized Waste Water Treatment System" DEWATS unit at various villages in Bahour Commune Panchayat, Puducherry.**

The Committee heard the proposal and discussed the subject in detail and after due deliberation decided to accord CTE for only one no. of DEWATS unit proposal proposed at Thukkupalam Junction on Pilot basis to install DEWATS for 175 KLD capacity.

**Agenda Item No. 11: Issue of NOC to M/s. Mother Earth Environment Tech. Pvt. Ltd, Bangaluru for establishing 1.5 MLD Common Effluent Treatment Plant**

The Committee heard the proposal in detail and after due deliberation decided to accord in Principle clearance for allotment of land/shed by PIPDIC.

**Agenda Item No. 12: Issue of Consent to Establish / No Objection Certificate to M/s. Circar Carbide Industries, for shifting the existing unit from Adavipolam, Yanam Municipality to R.S.No. 38/1A, 2, 3, Kalmandapam Road, Pandasozhanallur, Nettapakkam Commune, Puducherry.**

The Committee heard the proposal in detail and after due deliberation directed the Proponent to shift the unit to identified Industrial estates /area and to send the proposal to government for necessary permission for manufacture of calcium carbide.

**Agenda Item No. 13: Issue of Consent Renewal to M/s Aarupadai Veedu Medical College & Hospital, Kirumampakkam, Puducherry.**

The Committee heard the proposal in detail and it is observed that the project agency had not remitted the Environmental Compensation imposed on the agency. After due deliberation it is recommended to consider the Consent renewal to M/s Aarupadai Veedu Medical College & Hospital, Kirumampakkam, Puducherry under Water and Air Act, subject to the remittance of Environmental Compensation (EC) imposed by this Authority on 08.11.2019.

**Agenda Item No. 14: Issue of Consent to Establish/ NOC to M/s. Snam Alloys Pvt. Ltd Unit -I located at R.S. No. 81/1 B, Molapakkam Road, Kariamamickam, Nettapakkam Commune, Puducherry for additional activity of Pulverization Ferro Silicon Lumps of 3600TPA and Water Enhancement from 4.5 KLD to 11.75 KLD.**

The Committee heard the proposal and discussed the subject in detail. The Committee after due deliberation decided to accord permission to carry out additional activity of Pulverization of Ferro Silicon Lumps of 3600TPA and Enhancement of water requirement from 4.5 KLD to 11.75 KLD with the following conditions:

- (i) The unit shall obtain permission from State Ground Water Authority for the additional water requirement.



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- (ii) The unit shall connect OCEMS to PPCC server immediately.
- (iii) The manufacturing of Ferro silicon is categorized as red category industry due to pollution potential. Hence the category of the unit shall be changed from Orange to Red category.

**Agenda Item No. 15: Issue of Consent to Establish/ NOC to M/s. Snam Alloys Pvt. Ltd Unit - Illocated at R.S. No. 81/1 B, Molapakkam Road, Kariamanickam Village, Nettapakkam Commune, Puducherry for additional activity of Pulverization Ferro Silicon Lumps of 3600TPA and Water Enhancement from 9 KLD to 11.75 KLD**

The Committee heard the proposal and discussed the subject in detail. The Committee after due deliberation recommended to accord permission to carry out additional activity of Pulverization of Ferro Silicon Lumps of 3600TPA and Enhancement of water requirement from 4.5 KLD to 11.75 KLD with the following additional conditions:

- i. The unit shall obtain permission from State Ground Water Authority for the additional water requirement.
- ii. The unit shall connect OCEMS to PPCC server immediately.
- iii. The manufacturing of Ferro silicon is categorized as red category industry due to pollution potential. Hence category of the unit shall be changed from Orange to Red category

**Agenda Item No. 16: Issue of CTE / NOC for proposed construction of 6 Blocks, 5 storeyed 220 Dwelling units at R.S.No.186/1, T.S.No.18, Ward B, Block-7, Chinnaiyapuram, Puducherry Revenue Village, Puducherry Municipality, Puducherry under Smart City Scheme by Puducherry Smart City Development Corporation Limited (PSCDL).**

The Committee heard the proposal and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal with the following additional conditions:

- 1. The Project Proponent shall obtain Clearance from the Puducherry Coastal Zone Management Authority.
- 2. The Project Proponent shall obtain permission from Puducherry Ground Water Authority and PWD for meeting the water requirement (143KLD) through public supply.
- 3. The sewage generation (115KLD) shall be disposed through the public drain connected to the underground sewerage network of PWD after suitable pre-treatment.

**Agenda Item No. 17: Issue of CTE& OPERATE / NOC to the Puducherry Railway Station located at C.162 (Plan No.2484-34), Tiruchirapalli Division, Southern Railway, Puducherry Municipality, Puducherry**

The Committee heard the proposal and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal with the following additional conditions:

- 1. The Puducherry Railway Station shall obtain NOC from Puducherry Ground Water Authority for meeting the water requirement (115.26KLD) though bore well.
- 2. The Puducherry Railway Station shall also obtain permission from PWD for meeting the water requirement (27.00KLD) though public supply.
- 3. The Puducherry Railway Station shall install and commission STP of suitable capacity for treatment and disposal of sewage generation (18KLD).
- 4. The Puducherry Railway Station shall furnish a declaration that;
  - i) Solid Waste and Plastic waste collected from Compartments is brought to destined Stations and processed and disposed off along with the waste collected from the Station for which mechanism has been established.



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- ii) With regard to sewage, no faecal matter is disposed off on stations. Bio-toilets should be properly evacuated and sewage taken to STP. Treated and disinfected effluent is used for non-potable use.
- iii) A time-bound action plan has been prepared for clearing garbage littered along railway tracks, clearing encroachments and enforcing prohibition of open defecation under Swachh Bharat Abhiyaan.

**Agenda Item No. 18: Issue of CTE-NOC to Establish to Development of existing Pondicherry Minor port carrying out capital Dredging and Construction of a barrier between Drainage channel and Navigation Channel under "Sagarmala" Scheme as part of Phase-I work in Uppalam, Puducherry Municipality, Puducherry**

The Committee heard the proposal and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal with the following additional conditions:

1. The Port Department, Puducherry shall strictly adhere to the conditions stipulated in the Environment and CRZ Clearance issued by the MoEF&CC, GoI vide F.No 10-8/2019-IA-III dated 14.07.2020 for Development of the existing Puducherry Minor Port by carrying out Capital Dredging and construction of Pile Supported Bridge between Drainage channel and Navigational Channel under "Sagarmala" Scheme.
2. The Port Department, Puducherry shall furnish compliance report on the conditions of the Environment and CRZ Clearance prior to the commencement of the operations of the project
3. Prior permission from PWD shall be obtained for meeting water requirement (15KLD) through public supply and no ground water shall be tapped for construction as well as for operational purpose.
4. The sewage generation (8 KLD) shall be disposed through the public drain connected to the underground sewerage network of PWD after suitable pre-treatment.

**Agenda Item No. 19 : Issue of NOC to M/s. Karaikal Chlorates, Karaikal, for installation of a New Natural Gas based Captive Power Generation unit of capacity 3.0 MW, as standby, adjacent to the existing Natural Gas Based Captive Power Generation units of capacity 4.0 MW and 1.0 MW.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal and issue CTE / NOC to the unit, for the proposal, subject to the following conditions :

- i. The production capacity of the Natural Gas based Captive Power Generation shall not exceed 5 MW, as permitted, by PPCC.
- ii. The unit shall obtain CTO before the commencement of the operation of the new 3 MW Natural Gas based Power Generator, as per the prevailing orders.
- iii. The unit shall maintain log-book and records, as and when, the unit switches between the Natural Gas based Power Generators.

**Agenda Item No. 20 : Issue of NOC to M/s. Karaikal Chlorates, Karaikal, for replacement of the Centrifuge, Dryer and Pulverizer from the existing area in the plant to the vacant space inside the premises of the unit, thereby, separating the wet and dry area, without any increase in production capacity, water, Manpower and power requirement.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee after due deliberation decided to clear the proposal and issue CTE / NOC to the unit, for the proposal, subject to the following additional conditions :

- i. The unit shall carry out replacement of the Centrifuge, Drier and Pulverizer from the existing location to the proposed location, inside the premises of the unit itself.
- ii. The unit shall automatize the entire operations from the output of the Potassium Chlorate crystals in the slurry form to the Centrifuge, Drier and Pulverizer, as committed in the proposal.



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- iii. The unit shall not exceed the permitted production capacity of Potassium Chlorate – 12000 MTA, after executing the proposal.
- iv. There shall be no enhancement of power and water.
- v. The unit shall apply and obtain CTO before commencement of the operation of the above said machineries after completion of the replacement, as per the prevailing orders.

**Agenda Item No. 21: Issue of CTE / NOC to M/s. AGP Karaikal LNG Pvt., Ltd., Large Scale, Red Category unit, for handling LNG – 1 MMTPA (Phase I), inside the premises of M/s. Karaikal Port Pvt., Ltd., Karaikal – Bulk Liquid Berth.**

The Committee heard the proposal of the project agency and discussed the subject in detail. The Committee noted the following :

- i. The MoEF&CC has issued the above said EC and CRZ clearance to M/s. Karaikal Port Pvt., Ltd., Karaikal for setting up of the Bulk Liquid Berth for handling LNG – 5 MMTPA vide F. No. 11-41/2013-IA.III dated 14.11.2013.
- ii. M/s. AGP Karaikal LNG Pvt., Ltd., has obtained Environment and CRZ clearance, from the MoEF&CC, vide Letter No. 11-41/2013-IA.III dated 03.11.2020, by transferring existing Environment and CRZ Clearance, obtained by M/s. Karaikal Port Pvt., Ltd., from the MoEF&CC, vide Letter No. 11-41/2013-IA.III dated 06.11.2018, stipulating the following :
  - (a) To obtain 'Consent to Establish' and 'Consent to Operate' from the State Pollution Control Board concerned in the name of M/s. AGP Karaikal LNG Private Limited.
  - (b) M/s. AGP Karaikal LNG Private Limited shall comply with the all specific and general conditions stipulated in the Environmental and CRZ clearance of even no. dated 6th November, 2018.
  - (c) All other conditions stipulated in the Environmental and CRZ clearance letter shall remain the same.
  - (d) In case, there is a change in the scope of the project, fresh Environmental and CRZ clearance shall be obtained.
- iii. The unit, M/s. AGP Karaikal LNG Pvt., Ltd., has to be considered as a separate entity, for obtaining CTE / NOC for handling LNG, but inside the premises of M/s. Karaikal Port Pvt., Ltd. Hence, the list of Products permitted to be handled by M/s. Karaikal Port Pvt., Ltd., shall be amended to include LNG Handling – 1 MMTPA, under Bulk Liquid Cargo, in their Air and Water consents, as in the previous case of M/s. Penna Cements Industries Ltd., Karaikal.

The Committee after due deliberation decided to clear the proposal and issue CTE / NOC to the unit, for handling LNG – 1 MMTPA (Phase I), subject to the following conditions :

- i. All the conditions stipulated in the Environment and CRZ clearance issued to M/s. KPPL vide letter dated 06.11.2018 and the same Environment and CRZ Clearance, subsequently, transferred to, in the name of M/s. AGP Karaikal LNG Pvt., Ltd., vide Letter dated 03.11.2020, shall be strictly adhered to, without any deviation. Any modification or change in the proposal requires fresh clearance, which is for strict compliance. Reports required to be submitted, in this regard, to MoEF&CC shall be submitted to PPCC.
- ii. The unit shall furnish as on date compliance report on the conditions of the Environment and CRZ clearance and CTE, while applying for CTO, as per prevailing orders.
- iii. M/s. KPPL is permitted in-principally to handle LNG – 5 MMTPA, the activity is being transferred to M/s. AGP Karaikal LNG Pvt., Ltd., and necessary amendment in the cargoes to be handled by M/s. KPPL shall be made, as LNG Handling – 1 MMTPA, under Bulk Liquid Cargo by M/s. AGP Karaikal LNG Pvt., Ltd.
- iv. This CTE / NOC issued to M/s. AGP Karaikal LNG Pvt., Ltd., is for handling LNG – 1.0 MMTPA of Bulk Liquid Cargo only. Handling over and above 1.0



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MMTPA, requires fresh CTE from PPCC with Environment and CRZ Clearance issued by MoEF&CC.

- v. Power requirement shall not exceed 8 MW and the project proponent shall explore the feasibility of availing Power from Non-Renewable sources.
- vi. The Water requirement (90 KLD) shall be sourced from M/s. KPPL and necessary meters with records shall be maintained.
- vii. The Domestic Waste water proposed to be generated (34 KLD) from the unit, shall be treated using the existing STP of M/s. KPPL. M/s. KPPL shall obtain necessary amendments from this Committee, in this regard. Untreated water / waste water shall not be discharged on to the land or coastal area, which is for strict compliance.
- viii. The unit shall obtain necessary clearances from all statutory authorities viz., PESO, District Administration of Karaikal District and Fire Department, Karaikal, etc., for the entire project, including transportation of LNG through the existing GAIL Pipeline Network, from the Port premises.

**ADDITIONAL AGENDA**

**General Agenda Item No. 1: Implementation of the Restriction of Phosphorous Content in the Detergents**

The Committee heard the proposal in detail and after due deliberation decided to adopt the standards prescribed by the BIS. All the Household Laundry Powders, Household Laundry Detergent Bars, Synthetic Detergents for Washing Woollen and Silk Fabrics shall be directed to adhere the standards while manufacturing the products.



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**ANNEXURE**

Sl. No	Name & Designation of member <u>Tvl.</u>		
1.	Smitha. R, I.A.S. Secretary to Government Science, Technology & Environment	--	Chairman
2.	G. Ramakrishnan Additional Director Department of Industries & Commerce (Representing Director)	--	Member
3.	S. Manohar Hydrogeologist Department of Agriculture (Representing Director)	--	Member
4.	Dr. G. Ragunathan. Deputy Director (PH) Directorate of Health & Family Welfare Services (Representing Director)	--	Member
5.	Dr. K. Coumarane Medical Health Officer Puducherry Municipality (Representing Commissioner)	--	Member
6.	S. Sridarane Senior Town Planner Town & Country Planning Department	--	Member
7.	Prof. G. Srinivasan Dept of Chemical Engineering Puducherry Technological University Pillaichavady, Puducherry.	--	Special Invitee
8.	T.S. Pandian Assistant Engineer Electricity Department (Representing Superintending Engineer-I)	--	Special Invitee
9.	S. Dinesh Kannan Director Department of Science, Technology & Environment	-	Member Secretary

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