

No.1/ PPCC/MEET/MS/2023/ 639
GOVERNMENT OF PUDUCHERRY
DEPARTMENT OF SCIENCE, TECHNOLOGY & ENVIRONMENT
PUDUCHERRY POLLUTION CONTROL COMMITTEE


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Puducherry, the 19 JUN 2023

Sub: PPCC – 177th Meeting of the Puducherry Pollution Control
Committee held on 18.05.2023 - Minutes – Communicated.

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The minutes of the 177th Meeting of the Puducherry Pollution Control Committee held on 18.05.2023 in the Conference Hall of Chief Secretariat, Puducherry is enclosed for information.


(Dr. N. RAMESH)
MEMBER SECRETARY
PPCC

Encl.: As above

To:
As per list enclosed

**MINUTES OF THE 177th MEETING OF PUDUCHERRY POLLUTION CONTROL
COMMITTEE HELD ON 18.05.2023 AT 4.00 P.M. IN THE CONFERENCE HALL,
CHIEF SECRETARIAT, PUDUCHERRY**

Agenda Item No. I – Confirmation of the Minutes of 176th PPCC Meeting held on 22.02.2023.

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

Agenda Item No. 1: Issue of Consent to Establish to M/s. Kals Breweries Pvt Ltd (IMFL – Blending and Bottling Unit), R.S. No. 37/1, 37/3, 38/1, etc., Vazhudavur Main Road, Ayyankuttipalayam, Kurumbapet, Villianur Commune, Puducherry for manufacturing of Indian Made Foreign Liquor (IMFL).

The project proponent informed that they have obtained in principle approval from the Excise Department, Puducherry to establish a Blending and Bottling unit vide Memorandum dated 01.06.2022. They have requested PPCC to issue Consent to Establish the Blending and Bottling unit. The environment impact of the proposal was examined by the concerned technical officer of PPCC and the recommendations were placed before the Committee.

The committee was informed by the PPCC officials that the ground water requirement for this project is 47 KLD (Domestic – 10 KLD, Industrial – 37 KLD). The unit is already having permission to draw 650 KLD ground water for their existing operations. The present requirement can be met within the existing permitted quantity.

The Committee after deliberation decided to clear the proposal with the following conditions:

- i. It is noted that the proponent has obtained necessary permission to draw 650 KLD of ground water from Puducherry Ground Water Authority (PGWA) nearly 20 years back. The proponent shall obtain PGWA clearance afresh to draw 650 KLD of ground water to ensure the current ground water availability / potential.
- ii. Water shall be sourced from the existing 4 No's of tubewells located within the premises of M/s. Kals Breweries Pvt. Ltd (Brewery Unit) and no new borewell shall be sunk. The combined ground water consumption shall not exceed usage of 650 KLD for brewery unit and IMFL bottling unit.
- iii. The waste water from bottle washing area shall be treated in Sand filter → Activated carbon filter and reused to maximum extent to reduce the water consumption.
- iv. Sewage water and Trade effluent from Bottle wash Area, DM plant regeneration and Backwash water shall treated in the existing ETP (800 KLD capacity) of M/s. Kals Breweries Pvt. Ltd (Brewery Unit).
- v. The unit shall plan for maximum reuse of water to reduce ground water consumption by reusing the ETP treated water for cooling tower, toilet flushing by way of dual plumbing system, increasing gardening area, provide treated water pond (farm pond) for maximum infiltration of water inside premises.
- vi. The unit shall comply with the Solid Waste Management Rules, 2016.
- vii. 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.
- viii. The project proponent shall obtain necessary authorization from the PPCC under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- ix. The unit shall utilize the methane generation in ETP for in-situ purposes like fuel for boiler or cooking for better environmental management.

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Agenda Item No. 2 : Issue of CTE to M/s. Kals Distilleries Private Limited, a Large Scale, Orange Category unit, for setting up of a Blending and Bottling of IMFL unit, at, R.S. No. 289/4, 289/2, 290/3, 291/14, Nedungadu Revenue Village, Karaikal – Minutes of 176th PPCC Meeting held on 22.02.2023 – Views obtained from the Puducherry Ground Water Authority, submitted.

The project proponent informed that they have obtained in principle approval from the Excise Department, Puducherry to establish a Blending and Bottling unit vide Memorandum dated 01.06.2022. They have requested PPCC to issue Consent to Establish the Blending and Bottling unit. The environment impact of the proposal was examined by the concerned technical officer of PPCC and the recommendations were placed before the Committee.

The committee was informed by the PPCC officials that the ground water requirement for this project is 42KLD (Domestic – 7 KLD, Industrial – 35 KLD). Further the Committee was informed that the proposal was deferred in the previous meeting for want of views of PGWA on drawl of ground water. The Member Secretary – PGWA was present and stated that entire Karaikal region falls under “Safe” ground water category and PGWA has already informed PPCC vide letter dated 10.04.2023 that the proposed site of the industry is in the Nedungadu Revenue Village, Karaikal, where alluvial aquifer is yielding very good water. Hence construction of a shallow tube well to a depth of 30 m is feasible to meet out the requirement of the firm.

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

- i. The unit shall obtain clearance from the Puducherry Ground Water Authority for drawal of ground water
- ii. Waste water from bottle washing, regeneration and backwash water from the DM plant shall be treated in the ETP.
- iii. The unit shall provide ETP of capacity 15 KLD and STP of capacity 10 KLD. The treated waste water of ETP / STP shall be reused for toilet flushing by way of dual plumbing system and for gardening purpose. There shall be no discharge of waste water into the near by canals / drains.
- iv. 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.
- v. The unit shall obtain necessary authorization from the PPCC under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- vi. The unit shall construct the Rain Water Harvesting structures in consultation with the Puducherry State Ground Water Authority, Puducherry.
- vii. Green belt / tree plantations shall be developed and maintained in 20% of the unit's site area with suitable indigenous species.
- viii. The unit shall comply with the Solid Waste Management Rules, 2016.

Agenda Item No. 3 : 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 project proponent informed that they have obtained in principle approval from the Excise Department, Puducherry to establish a Blending and Bottling unit vide Memorandum dated 01.06.2022. They have requested PPCC to issue Consent to Establish the Blending and Bottling unit. The environment impact of the proposal was examined by the concerned technical officer of PPCC and the recommendations were placed before the Committee.

The committee was informed by the PPCC officials that the ground water requirement for this project is 70 KLD (Domestic – 10 KLD, Industrial – 60 KLD). Further the Committee was informed that the proposal was deferred in the previous meeting for want of views of PGWA on drawl of ground water. The Member Secretary – PGWA was present in the Committee meeting

and stated that the firm is located in Thondamanatham village which is basically a water scarce area. But a thin belt of alluvial aquifer present above the hard Kadaperikuppam Lime Stone Formation in Thondamanatham village. The alluvial aquifer ranges from 30-45 mts in depth which can yield sufficient water to requirement of the industry. As such, it is feasible for construction of a shallow tubewell to a depth of 45 mts in that area and PGWA has already furnished its views to PPCC vide letter dated 05.04.2023.

The Committee after due deliberation decided to issue CTE for the proposal subject to the following conditions only after submission of prior clearance obtained from the Puducherry Ground Water Authority for drawal of ground water (70 KLD) to PPCC by the project proponent:

- i. 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.
- ii. The unit shall provide ETP of capacity 40 KLD and STP of capacity 20 KLD. The treated waste water of ETP / STP shall be reused for toilet flushing by way of dual plumbing system and for gardening purpose. There shall be no discharge of waste water into the near by canals / drains.
- iii. The unit shall be water positive and shall recharge twice the quantity of ground water with drawn. The unit shall construct the Rain Water Harvesting structures in consultation with the Puducherry State Ground Water Authority, Puducherry.
- iv. 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.
- v. 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.
- vi. The unit shall obtain necessary authorization from the PPCC under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- vii. Green belt / tree plantations shall be developed and maintained in 20% of the unit's site area with suitable indigenous species.
- viii. The unit shall comply with the Solid Waste Management Rules, 2016.

Agenda Item No. 4: Issue of Consent to Establish/ No objection Certificate to M/s. Blue Ocean Beverages Pandy Private Limited located at R. S. No. 54/2 & 54/4, Villianur - Bahour Road, Korkadu village, NCP, Puducherry for manufacturing Indian Made Foreign Liquor Blending and Bottling plant – 18,72,000 Cases/ year

The project proponent informed that they have obtained in principle approval from the Excise Department, Puducherry to establish a Blending and Bottling unit vide Memorandum dated 09.07.2022. They have requested PPCC to issue Consent to Establish the Blending and Bottling unit. The environment impact of the proposal was examined by the concerned technical officer of PPCC and the recommendations were placed before the Committee.

The committee was informed by the PPCC officials that the ground water requirement for this project is 40 KLD (Domestic – 4 KLD, Industrial – 36 KLD). The Member Secretary – PGWA was present in the Committee meeting and stated that the unit possess a deep tubewell and registered in PGWA. The tubewell is tapping Cuddalore sandstone aquifer which is a high porous and potential aquifer which will easily yield the requirement of the firm. PGWA has already furnished its views to PPCC vide letter dated 13.04.2023.

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

- i. The unit shall obtain clearance from the Puducherry Ground Water Authority for drawal of ground water

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- ii. The unit shall install high efficiency RO plant, DM plant and plan for maximum reuse of water to reduce ground water consumption. Waste water from bottle washing, reject, regeneration and backwash water from the RO / DM plant shall be treated in the ETP.
- iii. The unit shall provide ETP of capacity 20 KLD. The treated waste water of ETP shall be reused 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.
- iv. In case of re-use of RO reject water for flushing activities, the unit shall ensure the TDS of RO reject water does not exceed 2100 mg/l.
- v. The domestic wastewater generation shall not exceed 3.5 KLD and shall be treated through suitable STP. The treated water shall be reused for toilet flushing and gardening. The same shall not be discharged outside the premises.
- vi. 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.
- vii. The unit shall obtain necessary authorization from the PPCC under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- viii. The unit shall construct the Rain Water Harvesting structures and farm ponds in consultation with the Puducherry State Ground Water Authority, Puducherry.
- ix. Green belt / tree plantations shall be developed and maintained in 20% of the unit's site area with suitable indigenous species.
- x. The unit shall comply with the Solid Waste Management Rules, 2016

Agenda Item No. 5: Issue of CTE to M/s. Chemplast Sanmar Ltd., Karaikal for installation of New Desalination Plant.

The Committee heard the proposal of the Project Agency and discussed the subject in detail. The Committee after due deliberation decided to ascertain technical details of Process flow compatibility and Environmental compliance in the earmarked site for installation of New Desalination Plant. The site will be inspected by Prof. R. Saravanane and the Expert member Prof. Dr. M P. Ramanujam. Detailed clarifications were submitted by expert members to clarify during the presentation and site inspection. Additional conditions if any suggested by the Expert Member shall be included in CTE with the following conditions.

- (a) The project proponent shall obtain necessary CRZ Clearance from MoEFCC through PCZMA, prior to commencement of the construction activities.
- (b) All the recommendations in the Terrestrial and Marine EIA studies shall be scrupulously implemented.
- (c) The intake well, intake and outfall pipelines and marine diffusers shall not cause hinderance to the fishing activities and boat movement.
- (d) Impacts on water and sediment quality and marine flora and fauna shall be continuously monitored during the construction and post construction phases and reports shall be submitted to PPCC. Necessary precaution shall be taken to minimize the impacts.
- (e) The 2 X 2000 KVA DG Sets shall be provided with inbuilt Acoustic Enclosures and shall meet the stack height and emission norms prescribed under the Environment (Protection) Rules, 1986.
- (f) The Chemical Sludge from the ETP shall be disposed to hazardous waste reprocessing / coprocessing / disposal facility after obtaining necessary Hazardous Waste Authorization from PPCC.
- (g) The unit shall obtain Hazardous Waste Authorization for disposing the used oil and filters generated from the DG Sets to authorised reprocessing / coprocessing / disposal units

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pAgenda Item No. 6 : Issue of CTE for Power Enhancement without any production and water enhancement to M/s. Alam Alloys, a Medium / Red Category unit, R.S. No. 122/4A, Surakudy Village, Thirunallar Commune, Karaikal.

The Committee heard the proposal of the Project Agency and discussed the subject in detail. The Committee noted that the project does not involve any production enhancement or additional water requirement. Proposal involves installation of additional machineries viz. EOT Crane, Pulveriser, Sieving Machine and Centralised Dust Collection System for improvement of in product quality and inhouse ambience which requires an additional power load of 400 KVA (From 4500 KVA to 4900 KVA). After due deliberation the committee decided to clear the proposal and issue CTE, subject to following conditions:

- i) Adequate provisions shall be provided for collecting the fumes from the Arc Furnaces and Induction Furnaces and shall be discharge through the stack after passing through Air Pollution Control System viz. Bag Filters. The Particulate Matter emissions from the Stacks shall not exceed 150 mg/NM³.
- ii) Adequate dust control systems shall be provided in the process to meet the Ambient Air Quality Standards for industrial area prescribed under the NAAQS, 2009.
- iii) Labour Department shall carry out Respirable Particulate Matter (RPM) assessment in the workplace.

Agenda Item No. 7 : Issue of CTE for Additional Activity of manufacturing Acrylic Polymers – Emulsion and Solution – 18 TPD and Polyamide resin – 5 TPD, to M/s. Swathi Organics and Specialities Pvt., Ltd., Small Scale Red Category unit, A-35, 36, PIPDIC Industrial Estate, Mettupalayam, Oulgaret Municipality, Puducherry.

The Committee heard the proposal of the Project Agency and discussed the proposal in detail. The Committee after due deliberation decided to clear the proposal and issue CTE for the proposal, subject to the following conditions.

- (a) The unit shall strictly adhere to and comply with the conditions imposed in the EC obtained from MoEF&CC, vide No. IA-J-11011/504/2022IA-II(I) dated 24.02.2023, for the proposal.
- (b) The unit shall enhance the capacity of the existing ETP from 1.5 KLD to 3.0 KLD, to treat the proposed effluent generation of 1.5 KLD along with the existing generation of 1.5 KLD.
- (c) The unit shall construct an STP of 5 KLD to treat the sewage generation of 3.1 KLD in total.
- (d) The treated effluent and treated sewage shall be subjected to RO and the permeate of the same shall be reused in to the process. The Reject of the same shall be treated with modified Evaporator condensing the water vapor and recovering the same for reusing into the process and thus ZLD. The water shall not be evaporated into the atmosphere without recovering the same into water.
- (e) The Sludge of the STP shall be composted in-situ and shall be used as Manure for gardening. The chemical Sludge generated from the ETP shall be disposed to Authorised TSDF for disposal. Necessary authorization shall be obtained from this Committee under the HW Rules, as amended till date.

GENERAL AGENDA

General Agenda Item No. 1: Strengthening the Puducherry Climate Change Cell

The committee discussed the proposal for extending partial financial support to the Puducherry Climate Change Cell Project Phase II, to meet the salary expenses of one Senior Project Associate from the funds of PPCC from April 2023 to March 2028. After due deliberation, the committee decided that the said financial support may be given initially for one year from April 2023 to March 2024 and thereafter Chairman – PPCC may review and extend the financial support for subsequent years.

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General Agenda Item No. 2: Financial support for the projects staff working under EIACP scheme of MoEF&CC and hosted at Puducherry Pollution Control Committee

The Committee discussed the subject in detail and agreed to provide financial support for the projects staff working under EIACP scheme of MoEF&CC and hosted at Puducherry Pollution Control Committee. After receipt of the funds from GoI under EIACP Scheme, the same shall be reimbursed to PPCC.

General Agenda Item No. 3: The Chairman, PPCC instructed to prepare Annual Budget for PPCC every year and get the approval of the Committee.

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ANNEXURE

Sl. No	Name & Designation of member <u>Tvl.</u>		
1.	A. Muthamma, I.A.S. Secretary to Government Science, Technology & Environment	--	Chairman ^c
2.	Yasam Lakshmi Narayana Reddy Director Science, Technology & Environment Puducherry	--	Member
3	Deputy Director General of Forests (C) Ministry of Environment, Forest and Climate Change, Regional Office, Chennai - 34	--	Member
4.	H.D. Varalaxmi Scientist 'E', Chennai Central Pollution Control Board (Representing Member Secretary)	--	Member
5.	Dr. G. Ragunathan Deputy Director Health and Family Welfare Services Puducherry	--	Member
6.	A. Sureshraj Commissioner Oulgaret Municipality Puducherry	--	Member
7.	Dr. Karri Chief Medical Officer Indira Gandhi Government General Hospital & Post Graduate Institute Puducherry, (Representing Medical Superintendent)	—	Member
8.	S. Senthilkumar Technical Officer Department of Industries & Commerce (Representing Director)	—	Member
9.	S. Manohar Member Secretary Puducherry Ground Water Authority Puducherry.	--	Member
10.	General Manager PIPDIC Puducherry (Representing Managing Director)	--	Member

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| 11. | Franklin
Head, Confederation of Indian Industry Secretariat
Puducherry, | -- | Expert Member |
| 12. | Dr. M. P. Ramanujam,
Consultant,
Puducherry - 605 008 | -- | Expert Member |
| 13. | Dr. R. Saravanane,
Professor & Director (IPR),
Department of Civil Engineering,
Puducherry Technological University | -- | Member |
| 14. | D. Kanagaraj
Inspector of Factories and Boilers
Gandhi Nagar, Puducherry. | -- | Special Invitee |
| 15. | A. Selvaraj
Executive Engineer
Electricity Department,
Puducherry.
(Representing Superintending Engineer-I) | -- | Special Invitee |
| 16. | Dr. N. Ramesh
Senior Environmental Engineer
Department of Science, Technology & Environment
Puducherry. | -- | Member Secretary |

N. Kumbale