



# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

By R.P.A.D

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under Hazardous Waste (Management and Trans boundary Movement) Rules'2016 framed under the Environmental (Protection) Act-1986.

And whereas Board has received on line consolidated application **Inward ID No: 263195** dated **23/09/2022** for **Renewal** the consolidated consent and authorization (CC&A) of this Board under the provisions / rules of the aforesaid Acts Consent & Authorization is hereby granted as under.

## CONSENTS AND AUTHORISATION:

(under the provisions /rules of the aforesaid environmental acts)

TO,

M/s. Narol Textile Infrastructure & Enviro Management (NTIEM),  
(Old Name: ATPA Swarnim Gujrat Enviro Pvt Ltd),  
34 Paiki, Gyaspur - Pirana Sewage Farm Area,  
Vill-Gyaspur, Narol , Ahmedabad.

1. Consent Order No.: AWH- 124634 date of Issue: 25/02/2023
2. The consents shall be valid up to 30/09/2027 for use of outlet for the discharge of trade effluent due to operation of CETP plant as under:

Sr. No.	Product	Quantity
1.	Collection, Treatment of partially treated effluent generated from member textile units and Disposal	100 MLD

## 3. SPECIFIC CONDITION:

- 3.1 Industry shall comply with the Solid Waste Management Rules-2016.
- 3.2 Industry shall not carry out any activities which attracts provision of Rule 9 of Hazardous & Other wastes (Management & Transboundary Movement) Rules-2016.
- 3.3 Unit shall strictly obey/comply the orders by Hon'ble High Court of Gujarat in WPPIL 98 of 2021 from time to time.
- 3.4 Unit shall not carry out any kind of production activity covered under EIA - Notification - 2006 without obtaining prior EC from competent authority.
- 3.5 Applicant shall comply with Terms of Reference (TOR) approved by SEIAA, Gujarat vide Order no. SEIAA/GUJ/TOR/7(h)/518/2018 dated: 24/05/2018.
- 3.6 Applicant shall comply with conditions of Environment Clearance granted vide letter no. F No. 10-84/2012-IA-III dated 16/12/2013.
- 3.7 Applicant shall maintain daily log book for operation of CETP, quantity and quality of effluent received from member units, quantity of inflow to the CETP, quality and quantity of effluent at final outlet etc.

## 4. CONDITIONS UNDER THE WATER ACT:

- 4.1 Water Source: Borewell.
- 4.2 The quantity of the water consumption by CETP for domestic purpose shall not exceed 20 KLD.
- 4.3 The quantity of the domestic effluent from the CETP shall not exceed 20 KLD.

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7/3/22

Page 1 of 7

#### 4.4 **TRADE EFFLUENT:**

- 4.4.1 CETP shall receive 100 MLD trade effluent conforming to following CETP inlet norms from their member units.

PARAMETERS	CETP INLET NORMS
pH	6.5 TO 8.5
Temperature	40° C
Colour (Pt.Co.Scale) in units	100 units
Suspended Solids	300 mg/L
Oil and Grease	10 mg/L
Chlorides	600 mg/L
Phenolic Compounds	1 mg/l.
Sulphides	2 mg/l.
Ammonical Nitrogen	50 mg/L
Total Chromium	2 mg/l.
BOD (5 days at 20°C)	500 mg/L
COD	1200 mg/L
Fixed Dissolved Solids	2100 mg/L

- 4.4.2 The treated effluent received from the member units shall be further treated in CETP comprising of primary and secondary treatment facility. The treated effluents conforming to the GPCB norms mentioned below shall be discharged in to mixing chamber of final disposal point at Firana STP of Ahmedabad Municipal Corporation through NTIEM pipe line & shall be mixed with treated sewage before disposal into river Sabarmati. In no case effluent shall be discharged into Environment by any means.

PARAMETERS	GPCB NORMS
pH	6.5 TO 8.5
Temperature	Shall not exceed more than 5° above ambient water temperature
Colour (Pt.Co.Scale) in units	100 units
BOD (5 days at 20°C)	30 mg/l.
COD	250 mg/L
Fixed Dissolved Solids	2100 mg/L
Chlorides	1000 mg/l.
Sulphate	1000 mg/l.
Suspended Solids	100 mg/L
Oil and Grease	10 mg/L
Phenolic Compounds	1 mg/L
Sulphides	2 mg/l.
Ammonical Nitrogen	50 mg/l.
Total Chromium	2 mg/l.
Bio-Assay Test	90% survival of fish after 96 hours in 100% effluent

- 4.4.3 All the effluent treatment units shall be operated and maintained efficiently so that the treated effluent always conforms to the CETP outlet norms.

- 4.4.4 Domestic effluent generated from CETP shall be treated along with industrial effluent.

#### 4.5 **GENERAL CONDITIONS FOR CETP:**

- 4.5.1 The CETP of NTIEM shall submit details of their member units along with production details, booked load with CETP and quantity effluent conveyed to CETP.

- 4.5.2 CETP shall accept the effluent only from the authorized textile industrial units.

- 4.5.3 The applicant shall be responsible for collection of treated effluent from the member units only & subsequent conveyance of the collected effluent up to the CETP and up to final discharge point.

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# GUJARAT POLLUTION CONTROL BOARD

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- 4.5.4 Collection of partially treated effluent conforming to the Inlet norms from the textile member units & subsequent conveyance of the collected effluent upto the CETP to be located at, Gyaspur Narol area shall be through underground dedicated pipeline.
- 4.5.5 The CETP shall ensure the provision of temper proof online pH & flow meter along with SCADA system and auto samplers for treated effluent received from each member unit and data of same is available all the time.
- 4.5.6 The CETP shall provide SCADA system attached to GPCB server for inlet & outlet of CETP. Records thereof shall be maintained.
- 4.5.7 The project proponent shall install 24 x 7 Online Continuous Effluent Monitoring System with respect to standards prescribed in Environment (Protection) Rules, 1986 as amended from time to time as per the directions of CPCB and connected to SPCB and CPCB online servers and calibrate these system from time to time according the equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. Furthermore a third party monitoring shall be conducted regularly.
- 4.5.8 The applicant shall have only one outlet for the discharge of its treated effluent meeting with the GPCB norms and no effluent shall be discharged without requisite treatment. Convenient easy approach shall be provided at the final outlet as well as all the sump rooms for ease of sampling.
- 4.5.9 CETP shall ensure that any illegal drainage connection for disposal of industrial effluent or sewage is not connected to the collections, treatment and disposal system of this CETP. The CETP shall devise a mechanism for identification of any illegal connection throughout their underground pipeline network and to inform GPCB as well as other concerned authorities in this regard.
- 4.5.10 Operation and maintenance schedule/ plan of the underground conveyance pipeline shall be devised and regular maintenance of the underground pipeline shall be carried out to avoid any spillage or leakage during conveyance of the effluent.
- 4.5.11 The applicant shall keep accurate records of their member units in respect of quality and quantity of effluent received and discharge in separate logbooks.
- 4.5.12 Magnetic flow meters shall be installed at the outlet of each of the member unit as well as at various stages of inlet & outlet of CETP to measure the quantity of effluent at each stage of common effluent treatment plant.
- 4.5.13 The applicant shall instruct & make sure that every member shall make storage facilities to store the effluent for at least 48 hours in an impervious acid/alkali proof brick lining tank /HDPE tank.
- 4.5.14 The applicant shall constitute a monitoring committee for monitoring of the effluent discharged by its members in the drainage system.
- 4.5.15 In case of power failure, stand-by D.G. set having power generation capacity equivalent to the requirement of power to run the CETP, all the SCADA system, flow meters etc. shall be installed, so that CETP shall always be operated round the clock and data shall be available even in case of power failure also.
- 4.5.16 The Environmental Management Unit / Cell shall be setup to ensure implementation and monitoring of environmental safe guards and other conditions stipulated by statutory authorities. The Environmental Management Unit / Cell shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. This cell shall also coordinate the exercise of the environmental audit and preparation of the environmental statements.

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- 4.5.18 The applicant shall intimate the occurrence of any accident/ breakdown, event resulting in discharge of poisonous, noxious or polluting matter or the likelihood of the same into a river stream or well, to the Regional Office under the intimation to the Member Secretary in accordance with the Section 31(l) of the Water Act.
- 4.5.19 Control rooms equipped with SCADA computers, wireless system, telephone system, emergency vehicle, shall be provided. The control room will be manned from 24 hours round the clock.
- 4.5.20 Necessary clearance for the adequacy & safety measures shall be obtained from the concerned authority.
- 4.5.21 The applicant shall comply with the provisions of all the laws of land including safety, disaster management.
- 4.5.22 CETP shall establish the onsite Laboratory facility.
- 4.5.23 CETP shall provide & operate fogger system or other appropriate system for abatement of foul odour.
- 4.5.24 Adequate plantation of indigenous local tree species shall be carried out within the CETP premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 10 meters width shall be developed all along the periphery of the CETP. Appropriate plant species shall be selected to control the odor caused during the plant operation.
- 4.5.25 The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:
- 4.5.26 Between 6 A.M. and 10 P.M.: 75 dB (A)
- 4.5.27 Between 10 P.M. and 6 A.M.: 70 dB (A)
- 4.5.28 CETP shall comply with all the conditions of notifications, memorandums, NGT orders, Honorable court orders and directives issued by Board from time to time.
- 4.5.29 The CETP shall explore the possibility of reusing treated effluent for gardening, irrigation, flushing, reuse by member industries etc.
- 4.5.30 PP shall ensure proper signage and display boards highlighting safety measures in the proper operation of the plant.
- 4.5.31 No Changes in installed capacity, quality or quantity of effluents as agreed upon in the initial MoU between the operator and the member units, addition of any new member units shall be carried without prior approval of the ministry.
- 4.5.32 The Management of the CETP and the individual member shall be jointly and severally responsible for conveyance and pre-treatment of effluents. Only those units shall be authorized to send their effluents to the CETP which have a valid consent of the Pollution Control Board.

**5. CONDITIONS UNDER THE AIR ACT:**

- 5.1 There shall be no use of fuel. Hence, there shall be no flue gas emission.
- 5.2 There shall be no process gas emission from manufacturing process & other ancillary operation:
- 5.3 Ambient air quality within and outside the premises of the unit shall conform National Ambient Air Quality standards notified by MoEF vide notification dated 16/11/2009 and mainly to the following standards:

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air
1.	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO <sub>2</sub> ), µg/ m <sup>3</sup>	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) OR PM <sub>10</sub> µg/ m <sup>3</sup>	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 µm) OR PM <sub>2.5</sub> µg/ m <sup>3</sup>	Annual 24 Hours	40 60

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Outward No. 742/2023



# GUJARAT POLLUTION CONTROL BOARD

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- 5.4 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/displayed to facilitate identification.
- 5.5 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 5.6 The applicant shall provide proper ventilation and exhaust facilities so as to maintain healthy working atmosphere within the factory premises.
- 5.7 The gaseous emission from DG set, if any shall be dispersed through adequate stack height as per CPCB standards. Diesel generating sets shall be installed, in the downwind directions.
6. **Authorization under Rules 6(2) of Hazardous and other Wastes (Management & Transboundary Movement) Rules – 2016. [Form -2]**
- 6.1 **Number of authorization: AWH- 124634 date of Issuc: 25/02/2023.**
- 6.2 **M/s. Narol Textile Infrastructure & Enviro Management (NTIEM) is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at 34 Paiki, Gyaspur - Pirana Sewage Farm Area, Vill-Gyaspur, Narol, Ahmedabad.**

Sr. No.	Waste	Schedule category	Quantity	Facility
1	ETP sludge	I-35.3	250 MT/day	Collection, Storage, Transportation, Disposal at authorized TSDF Site and/ 1000 MT/month Co- processing at Cement Plant
2	Discarded Containers/ Barrels/ Drums	I-33.1	500 nos./day	Collection, Storage, Transportation Disposal by selling to authorized Decontaminators.
3	Used/ Spent Oil	I-5.1	0.05 KL/day	Collection, Storage Transportation Disposal by selling to Authorized Recyclers.

- 6.3 The authorization is granted to operate a facility for collection, storage, transportation and ultimate disposal of Hazardous wastes as above.
- 6.4 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.
- 6.5 The authorization shall be in force for a period up to 30/09/2027.
- 6.6 Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- 6.7 An application for the renewal of an authorization shall be made as laid down in rule 5 (7) (ii).
- 6.8 CETP shall have to manage waste oil; discarded containers etc. as per the Rules 2016 and shall apply for Authorization/submit details for all the applicable waste as per the Rules 2016 within 15 days.
- 6.9 The person Authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
- 6.10 The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.

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- 6.11 The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
- 6.12 CETP shall comply any other conditions as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- 6.13 Records of waste generation, its management and annual return shall be submitted in Gujarat Pollution Control Board in Form-4 by 30th day of June of every year for the preceding period April to March.
- 6.14 The waste generator shall be totally responsible for collection, storage, transportation and ultimate disposal of the waste generated.
- 6.15 Empty drums and containers of toxic and hazardous material shall be treated as per the guidelines published for "Management & Handling of discarded containers". Record of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.
- 6.16 CETP shall take all concrete measures to show tangible results in waste generation, waste reduction/avoidance, reuse and recycle. Action taken in this regard shall be submitted within 03 months and also along with Form - 4.
- 6.17 CETP shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme Court's order in W.P. No: 657 dated 4th October 2003.
- 6.18 The occupiers of facilities shall not store the hazardous and other wastes for a period not exceeding ninety days. Prior permission of the Board shall be obtained for extension of the storage period.
- 6.19 The occupier shall maintain the records of generation, sale, storage, transport, recycling, co processing and disposal of hazardous waste and make available during the inspection.
- 6.20 The transportation of the hazardous waste shall be carried out in GPS mounted dedicated vehicles.
- 6.21 Unit shall abide by any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- 6.22 Annual return shall be filed by June 30th for the period ensuing 31st March of the year.

7. **GENERAL CONDITIONS:**

- 7.1 Any change in personnel, equipment or working conditions as mentioned in the consents order/form should immediately be intimated to this Board.
- 7.2 In case of any accident, details of the same shall be submitted in Form - 11 to Gujarat Pollution Control Board.
- 7.3 Whenever due to accident or other unforeseen act or event, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board, concerned Police Station, Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body.
- 7.4 As per "Public Liability Insurance Act - 91" company shall get insurance policy, if applicable.
- 7.5 In case of failure of pollution control equipments, the production process connected to it shall be stopped. Remedial action/measures shall be implemented immediately to bring entire situation normal.
- 7.6 The environmental management unit/cell shall be setup to ensure implementation and monitoring of environmental safeguards and other condition stipulated by statutory authorities. The environmental management cell/unit shall directly report to the chief executive of the organization and shall work as a focal point for internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.
- 7.7 The environmental audit shall be carried out. The environmental statements pertaining to the previous year shall be submitted to this Board latest by 30th September every year.
- 7.8 CETP shall abide to directions, guidelines, circulars issued by Hon'ble NGT, Hon'ble Court, MoEF, CPCB and GPCB.
- 7.9 In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor shall immediately be intimated to the board.

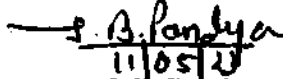
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- 7.10 CETP shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including wastewater and air emissions and solid hazardous wastes generated within the factory premises.
- 7.11 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.
- 7.12 In case, at any point of time, it is found that the industry has submitted any false or misleading information or data or document, which is material to take decision on the application, the Board reserves the right to review and/or revoke the consent/authorization. This may result in withdrawal of this consent and attract action under the provisions of Environmental laws.
- 7.13 The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
- 7.14 The industry shall strictly abide to the assurance/undertaking submitted during processing of the application.
- 7.15 The Board may revoke or suspend the consent, if implementation of any of the above conditions is not found satisfactory.
- 7.16 All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

For and on behalf of  
Gujarat Pollution Control Board  
  
11/05/23  
(J. B. Pandya)  
Scientific officer

NO: GPCB/ABD/CCA/NL-232(12)/ID: 34244/

Date:

**Issued to:**

M/s. Narol Textile Infrastructure & Enviro Management (NTIEM),  
(Old Name: ATPA Swarnim Gujrat Enviro Pvt Ltd),  
34 Paiki, Gyaspur - Pirana Sewage Farm Area,  
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Page 7 of 7