



ਪੰਜਾਬ ਪ੍ਰਦੂਸ਼ਣ ਕੰਟਰੋਲ ਬੋਰਡ
PUNJAB POLLUTION CONTROL BOARD

Dated. 19/03/26

SEE(HQ-21)/F.No. 203/2026
No.

OFFICE MEMORANDUM

Subject: Monitoring of groundwater quality of large and medium scale red category industrial units, operations or processes through Piezometer.

The main objective of the Punjab State Pollution Control Board constituted under the Water (Prevention and Control of Pollution) Act, 1974 is the prevention, control and abatement of water pollution and for maintaining and for restoring the wholesomeness of water in the territory in this control.

2) The State Pollution Control Boards are empowered to grant Consent to Establish and Operate under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 to the industries, operations and processes with such conditions as it may deem appropriate under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 as amended for time to time.

3) A piezometer is a device used to measure the pressure (or head) of groundwater at a specific point. It's typically a tube or instrument inserted into the ground to monitor water levels, pressure, or quality, often used in environmental monitoring, hydrology, or geotechnical applications. Elaborating the definition, the piezometer is a borewell / tubewell used for measuring the water level by lowering a tape / sounder or automatic digital water level measuring equipment. The Piezometer is also used to take water sample for testing the water quality as and when required.

4) The condition to install piezometer within or outside the premises of the large and medium scale red category industrial unit, operation or process involving generation of effluent with potential risk to contaminate groundwater is important to monitor the groundwater level, pressure, quality to achieve the objectives of the Water (Prevention and Control of Pollution) Act, 1974.

5) The Regional Officer(s) shall inform all the large or medium scale red category industry, operation and process in writing to get the sample of piezometer analyzed from Punjab Biotechnology Incubator (PBTI) once a year and submit report to the Board.

ਵਾਤਾਵਰਣ ਭਵਨ, ਨਾਭਾ ਰੋਡ, ਪਟਿਆਲਾ-147001

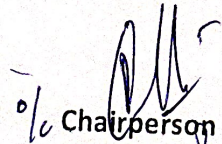
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6) The concerned Senior Environmental Engineers of the zone during inspection of 17 category & large red category of industries shall ensure that the exercise for sample collection from the piezometers is being carried out by these industries. Similarly, the Regional officers shall ensure the execution of this exercise in respect of medium scale red category of industries.

This order will come into force with immediate effect.

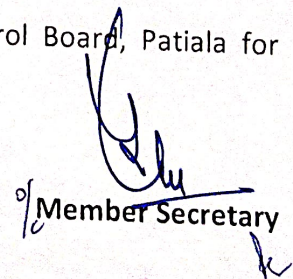

% Chairperson

Dated.....19/03/26

Endst. No. SEE(HQ-2)/2026/.....5702-06

A copy of above is forwarded to the following for information and necessary action:

1. The Chief Environmental Engineer, Punjab Pollution Control Board, Patiala/ Ludhiana/ Jalandhar/ Bathinda/ HQ/ PBIP.
2. The Senior Environmental Engineer, Punjab Pollution Control Board, HQ-I/II/III, Zonal Office, Patiala-I/II, Ludhiana-I/II, Jalandhar, Amritsar and Bathinda.
3. The Senior Law Officer/ Administrative Officer, Punjab Pollution Control Board, Head Office, Patiala.
4. The Environmental Engineer, Punjab Pollution Control Board, EPS/Mega/HQ-I/II/III/Patiala/Ludhiana-1/2/3/4/Batala/Sangrur/Jalandhar-1/2/Amritsar/Hoshiarpur/SAS-Nagar/ Roopnagar/Bathinda/Faridkot/Fatehgarh Sahib/ Moga/Mukatsar Sahib/ Tarn-Taran Sahib.
5. The Environmental Engineer (Computer), Punjab Pollution Control Board, Patiala for uploading on website of the Board.


% Member Secretary