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“ಪರಿಸರಭವನ”, 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್‌ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ
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No. PCB/WMC/142/E-Manifest/Board Subject/2021/ 3600 Date: 21 OCT 2021

CIRCULAR

Sub: Implementation of **E-Manifest** in transportation, management and treatment of industries effluent by CETP's in the State of Karnataka -reg.

Ref:- Board Office Circular No.4087 dated: 19.12.2020.

Many industries, especially Medium and Small scale industries in the state face problems due to lack of space, resource, capital cost and specialized man power for operation and maintenance and in installing and operation of in-house effluent treatment plants. In order to overcome these difficulties, the Karnataka State Pollution Control Board has given consent to 10 Common Effluent Treatment Plants in the state in order to cater to needs of these industries.

Of late, there are incidences of mismanagement of effluents by the industries and CETP's in the State. In order to overcome these difficulties and to streamline the management of effluents, a circular vide ref (1) has already been issued to all industries and CETP's with specific directions to follow.

Now in order to further stream line the management and treatment of effluents by CETP's E-Manifest System has been introduced by the Board.

The manifest means a paper document containing multiple copies of a single form. When completed, it contains information on the type and quantity of the effluent being transported, instructions for handling the effluent, and signature lines for all parties involved in the disposal process. The objective of the manifest system is designed to track effluent from the time it leaves the generator facility where it was produced, until it reaches the Common Effluent Treatment Plant (CETP) that will store, treat and dispose the effluent.

Till now the above returns and records are manually entered and processed and same is a very tedious process. Hence, in order to simplify the same, as part of IT initiative, the **E-Manifest** is introduced by the Karnataka State Pollution Control Board in the State of Karnataka for the first time.

E-Manifest is a web based application which enhances registrations and collection of effluents, transaction control, transparency in operations, accountability at all levels, sustainability and convenience to all stakeholders.

The following are the highlights of the **E-Manifest** and steps to be followed by effluent generators, transporters and CETP's.

E-Manifest Application includes:

- i. Web application for Online effluent management.
- ii. Technical Support, Maintenance & Hosting of the application at Data Centre.

Following steps are involved under the E-Manifest.

- a) **Effluent Generator/Transporters Registration:** Industries generating effluent and transporters involved in effluent transporting have to register online by providing their basic information, waste details as per the consent order and transporter, vehicle details. These industries are able to generate user name and password manifests after getting the permission by the Regional Officer.
- b) **Approval of the Industry/Transporter/ RO Login:** Regional officer will login with the credentials provided by the board. RO will approve/reject the industry after verifying the details as per consent order.
- c) **Transporter and Vehicles details:** Vehicles like trucks, tankers and transporter details are captured by the regional officers/board.
- d) **CETP Facilities Details:** Logins for the facilities will be provided by the board.
- e) **Generation of Manifest:** Industry will generate effluent manifest by capturing inlet parameters of effluent as stipulated in the consent issued to the CETP facility for disposal using authorized transportation vehicles.
- f) **Approval of Manifest by CETP:** This service is used by CETP for approve/reject the manifest generated by the industries after checking the required inlet parameters specified under the consent. Upon the approval of manifest, the transport vehicles are dispatched.
- g) **Reports:** Manifest status will be shown at every stage using various types of reports provided to industries, CETP, regional officers and board official's in their logins to monitor data.

Now, the above E-Manifest has already been introduced in the Board website, www.kspcb.karnataka.gov.in under HWM E-Manifest and hence all-industries, CETP's and transporters and also RO's and RSEO's of the Board are hereby directed adopt and implement the same immediately. No manual Manifest by industries/ CETP's shall be used hereafter. For any clarifications in the above regard, email: egov@kspcb.gov.in and also contact mobile numbers 8971325047/9845267045


Member Secretary