

WASTEWATER TREATMENT PLANT (WTP)

STEPS TO WASTEWATER TREATMENT PLANT

1 Obligation to Notify the Director General

The owner or occupier of premises that discharge industrial effluent must notify the Director General (DG) of the Department of Environment (DOE). Notification is required when before commencing discharge of industrial effluent, when there are changes in the industrial activity and when there are modifications to the effluent treatment system.

The notification must include relevant details such as:

Type of industry/activity.

Characteristics and volume of effluent.

Treatment system used.

2 Requirements for Industrial Effluent Discharge

Industrial effluent must comply with:

Standard A or Standard B (as specified in the Regulations).

Effluent must be treated before discharge into:

Inland waters

Malaysian waters

3 Monitoring and Sampling

The Director General has the authority to take samples of industrial effluent, inspect treatment systems and require records and reports.

Premises owners must also conduct regular monitoring, keep records of analysis results and submit reports if required.

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4 Prohibition of Non-Compliance

It is an offence to:

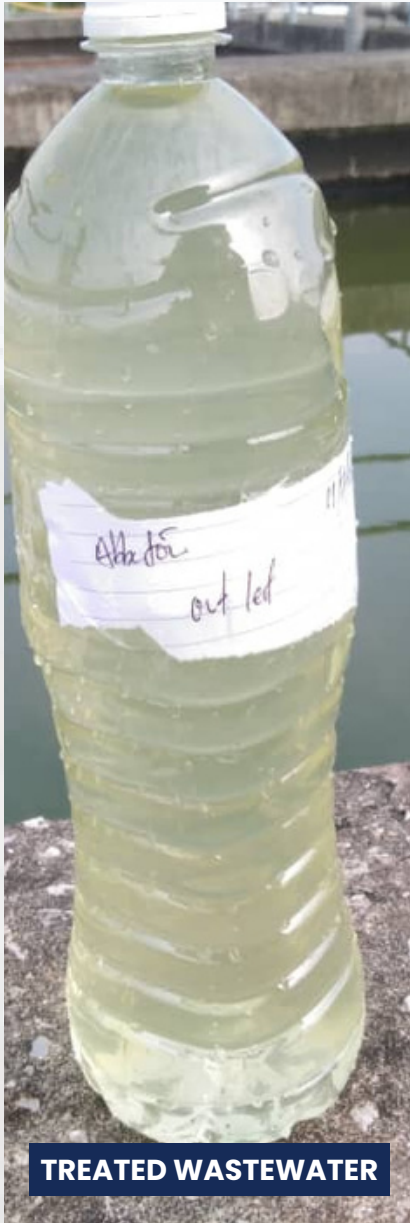
- Discharge effluent exceeding prescribed limits.
- Fail to install or maintain treatment systems.
- Provide false or misleading information.
- Fail to notify the Director General as required.

5 Penalty

Any person who contravenes the Regulations may be liable to:

- A fine (amount determined under the Environmental Quality Act 1974 provisions),
- Imprisonment, or
- Both, depending on the severity of the offence.
- Continuous offences may result in additional daily fines.

EXTENDED AERATION ACTIVATED SLUDGE (EAAS) WASTEWATER TREATMENT PLANT



TREATED WASTEWATER



RAW WASTEWATER



**HALAL
ABATTOIR AT SIBURAN**