

Waste Classification: *Effluent* — Industrial Waste. *Settleable Solids* and *Mortalities* — Animal and Food Processing Wastes (identified as ID # 25).

Effluent Standards: Based upon quality of the receiving waters, best available technology (BAT), and best professional judgement (BPJ).

NPDES Permit: See State Discharge Permit. *Criteria* — 40 CFR Part 122.24 guidelines plus quality of discharge (see State Discharge Permit). *Permit Fee* — See State Discharge Permit. *individual Permit Authority* — Yes, 4/82. *General Permit Authority* — Yes, 4/82.

State Discharge Permit: All discharges to waters of the state are regulated under the NJPDES program. Applications are reviewed on a case-by-case basis. An annual fee is charged for an individual NJPDES permit which is valid for five years. The permit fee is determined individually using a formula that assigns values for effluent composition, volume, condition of the receiving body and potential environmental impact.

Mixing Zone: Determined individually based upon characteristics of discharge and quality of receiving waters. No mixing zones for aquaculture have been requested.

Land Application: Effluent and settled solids (identified as ID # 25) may be used on agricultural land with a permit from the DEPE. Settled solids and mortalities intended for disposal must be taken to an approved disposal site. All retention ponds and other unlined ponds in contact with the water table require a groundwater discharge permit. Fees for land application and groundwater discharge permits are calculated in a similar manner as those for surface water discharges.

General Discharge Permit: The DEPE intends to issue general permits for management of sludges generated by the food processing industry. Additionally, the DEPE is considering development of a general permit for specific demonstration projects. For more information contact the Bureau of Pretreatment and Residuals (609-633-3823).

Other Information: New Jersey water quality standards also identify Trout Maintenance and Trout Production Waters and Outstanding National Resource Waters — high quality waters found in National/State parks and Wildlife Refuges and other waters of exceptional recreational or ecological significance.