Subpart II—Industrial Wastewater Treatment

§ 98.350 Definition of source category.
(a) This source category consists of anaerobic processes used to treat industrial wastewater and industrial wastewater treatment sludge at facilities that perform the operations listed in this paragraph.
(1) Pulp and paper manufacturing.
(2) Food processing.
(3) Ethanol production.
(4) Petroleum refining.
(b) An anaerobic process is a procedure in which organic matter in wastewater, wastewater treatment sludge, or other material is degraded by microorganisms in the absence of oxygen, resulting in the generation of CO₂ and CH₄.

§ 98.351 Reporting threshold.
You must report GHG emissions under this subpart if your facility meets all of the conditions under paragraphs (a) or (b) of this section:
(a) Petroleum refineries and pulp and paper manufacturing.
(1) The facility is subject to reporting under subpart Y of this part (Petroleum Refineries) or subpart AA of this part (Pulp and Paper Manufacturing).
(2) The facility meets the requirements of either § 98.2(a)(1) or (2).
(b) Ethanol production and food processing facilities.
(1) The facility performs an ethanol production or food processing operation, as defined in § 98.358 of this subpart.
(2) The facility meets the requirements of § 98.2(a)(2).

§ 98.352 GHGs to report.
(a) You must report CH₄ generation, CH₄ emissions, and CH₄ recovered from treatment of industrial wastewater at each anaerobic lagoon and anaerobic reactor.
(b) You must report CH₄ emissions and CH₄ recovered from each anaerobic sludge digester.
(c) You must report CH₄ emissions and CH₄ destruction resulting from each biogas collection and biogas destruction device.
(d) You must report under subpart C of this part (General Stationary Fuel Combustion Sources) the emissions of CO₂, CH₄, and N₂O from each stationary combustion unit associated with the landfill gas destruction device, if present, by following the requirements of subpart C of this part.

§ 98.353 Calculating GHG emissions.
(a) For each anaerobic reactor and anaerobic lagoon, estimate the annual mass of CH₄ generated according to the applicable requirements in paragraphs (a)(1) through (a)(2) of this section.
(1) If you measure the concentration of organic material entering the anaerobic reactors or anaerobic lagoon using methods for the determination of...