Industrial Wastewater Treatment

Subpart II, Greenhouse Gas Reporting Program

Measure these parameters for each facility with on-site industrial wastewater treatment that meets the requirements of 40 CFR 98.350 and 98.351:

What Must Be Monitored?

Each facility with an anaerobic reactor or anaerobic lagoon must monitor:

- ☐ Volume of wastewater entering each anaerobic reactor or anaerobic lagoon (weekly).
- ☐ Concentration of chemical oxygen demand (COD) or biochemical oxygen demand (BOD_5) of wastewater entering each anaerobic reactor or lagoon (weekly).

Each facility with an anaerobic reactor, anaerobic lagoon or anaerobic sludge digester from which some biogas is recovered must also monitor:

- ☐ Volumetric flow rate of recovered biogas (continuously).
- ☐ Temperature at which biogas flow and methane (CH_4) content are measured, unless temperature is incorporated into monitoring equipment internal calculations (weekly).
- ☐ Moisture content at which biogas flow and CH_4 content are measured unless moisture content is incorporated into monitoring equipment internal calculations (weekly).
- ☐ CH_4 content of recovered biogas (continuously, if available, or weekly).
- ☐ Pressure at which biogas flow and CH_4 content are measured, unless pressure is incorporated into monitoring equipment internal calculations (weekly).
- ☐ Operating hours per year of each biogas destruction device (and backup destruction device, if applicable).

For More Information

For additional information and resources on Subpart II, please visit the Subpart II webpage.

This monitoring checklist is provided solely for informational purposes. It does not replace the need to read and comply with the regulatory text contained in the rule. Rather, it is intended to help reporting facilities and suppliers understand key provisions of the GHGRP. It does not provide legal advice; have a legally binding effect; or expressly or implicitly create, expand, or limit any legal rights, obligations, responsibilities, expectations, or benefits with regard to any person or entity.