Industrial Wastewater Monitoring Checklist



Greenhouse Gas Reporting Program

What Must Be Monitored for Each Facility with On-Site Industrial Wastewater Treatment that Meets the Requirements of §98.350 and §98.351?

Each facility with anaerobic wastewater treatment must monitor these parameters...

- □ Volume of wastewater entering an anaerobic reactor or anaerobic lagoon (weekly)
- □ Concentration of COD or BOD₅ of wastewater entering an anaerobic reactor or lagoon (weekly)

Each facility with anaerobic wastewater or anaerobic sludge treatment processes with biogas recovery must also monitor these parameters...

- **Volumetric flow rate of recovered biogas** (continuously)
- ☐ **Temperature** at which biogas flow and CH₄ content are measured, unless temperature is incorporated into monitoring equipment internal calculations (weekly)
- Moisture content at which biogas flow and CH₄ content are measured unless moisture content is incorporated into monitoring equipment internal calculations (weekly)

- CH₄ content of recovered biogas (continuously, if available, or weekly)
- □ Pressure at which biogas flow and CH₄ content are measured, unless pressure is incorporated into monitoring equipment internal calculations (weekly)
- **Operating hours per year** of the biogas destruction device (and backup destruction device, if applicable)

See also the information sheet for Industrial Wastewater Treatment at http://www.epa.gov/climatechange/emissions/subpart/ii.html