



**Operation and Maintenance Plan**  
**Anaerobic Digester- Controlled Temperature, Code 366**



Landowner/Operator:		Date:	
NRCS Service Center:		Conservation District:	
Location of Practice:	Lat: _____	Long:	_____
UTM Coordinates:	_____		
	SEC: _____	TS: _____	R: _____
		Field ID:	_____

GENERAL

Operation and maintenance (O&M) is necessary for all conservation practices and is required for all practices installed with the Natural Resources Conservation Service assistance. The land user is responsible for proper O&M throughout the life of the practice and as may be required by federal, state, or local laws or regulations.

Operation refers to operation of the practice in compliance with all laws, regulations, ordinances, and easements; and in such a manner that will result in the least adverse impact on the environment and will permit the practice to serve the purpose for which it was installed. Maintenance includes work to prevent deterioration of the practice, repairing damage, or replacing components which fail.

O&M REQUIREMENTS

Necessary operation and maintenance items to include in plan:

1. Proper loading rate of the digester and total solids content of influent.
2. Proper operating procedures for the digester.
3. Estimates of biogas production, methane content, and potential energy recovery.
4. Description of the planned startup procedures, normal operation, safety issues, and normal maintenance items.
5. Alternative operation procedures in the event of equipment failure.
6. Instructions for safe use and/or flaring of biogas.
7. Digester and other component maintenance.
8. Troubleshooting guide.
9. Monitoring plan with frequency of measuring and recording digester inflow, operating temperatures, biogas yield, and/or other information as appropriate.

