

ANAEROBIC DIGESTER CHECKLIST

Permit # MO-_____ Facility _____ Date _____

1. What is the digester volume _____ cu ft.
2. What is the average daily sludge flow _____ gal / day
3. How many times / day is sludge fed to the digesters? _____
4. Is digestion: high rate ____; low rate ____
5. Is digestion: primary tank ____; primary and secondary ____
6. If high rate primary tank only, what type of sludge thickening process is utilized in place of secondary? _____
7. Type of covers used: Fixed ____; Floating ____; Both ____; None ____
8. What type of mixing is used in the primary? _____
9. Are mixers functional? Yes ____; No ____
10. What are the heating provisions? _____
11. Is there an alternate fuel source for heating? Yes ____; No ____
12. What is the: temperature ____; pH ____; alkalinity/ acidity _____
13. Is digester gas: stored ____; Used for: heating ____; mixing ____
14. Is excess gas burned off to the atmosphere? Yes ____; No ____
If yes, is pilot light lit? Yes ____; No ____ Auto-ignition: Y ____; N ____
15. What is the average daily gas production? _____ cu ft.
16. What is the average carbon dioxide content _____%
17. What is the average methane content _____%
18. What is the average volatile solids reduction _____%
19. What is the frequency of testing? _____
20. How often are the digesters checked? _____
21. Are operation records maintained? Yes ____; No ____
22. Frequency of cleaning digesters for inspection _____
23. Is there an approved Confined Space Entry program? Yes ____; No ____
24. Is there an alarm system for equipment failures? Yes ____; No ____
If yes, type of alarm: visual ____; audible ____; remote ____
25. What is the frequency of scheduled maintenance? _____
26. Are maintenance records maintained? Yes ____; No ____
27. What are the most common problems the Operator has had with the digestion process? _____

Comments: _____

