

OKLAHOMA DEPARTMENT OF AGRICULTURE, FOOD, AND FORESTRY

Agricultural Environmental Management Services

P. O. Box 528804

Oklahoma City, OK 73152

WASTE RETENTION STRUCTURE INSPECTION CHECKLIST

Waste Retention Structure Inspections should be performed by an Independent Professional Engineer. This Engineer should not have designed the facility being inspected

NAME OF FACILITY _____ COUNTY _____
 OWNER & ADDRESS _____ OK LICENSE # _____
 INSPECTED BY: _____
 INSPECTION DATE: _____
 LEGAL LOCATION _____
 WEATHER _____

ITEM	Y	N	N/A	REMARKS
1. General Conditions				
a. Alterations to lagoon?				
b. Development in downstream flood plain?				
c. Grass cover adequate?				
d. Settlements, misalignments or cracks?				
e. Recent high water mark on gauge pole?				
2. Interior Embankment				
a. Erosion?				
b. Trees?				
c. Rodent holes?				
d. Cracks, settlements, or bulges?				
e. Adequate and sound liner or rip rap?				
3. Intake Structure				
Concrete Metal PVC Other				
a. Operational?				
4. Splash Guard				
Concrete Metal Rip Rap Other				
5. Emergency Spillway				
a. Obstructions?				
b. Erosion?				
c. Rodent holes?				
6. Exterior Embankment				
a. Erosion?				
b. Trees?				
c. Rodent holes?				
d. Cracks, settlements, bulges?				
e. Drains or wells flowing?				estimated gpm
f. Seepage or boils?				estimated gpm
g. Seeps down gradient?				estimated gpm
h. Distance of seeps down gradient?				

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ITEM	Y	N	N/A	REMARKS
7. Conduit & Outlet				
Concrete Metal PVC Other				
a. Operational?				
8. Gates				
Earthen Metal Wood Other				
a. Gates broken or bent?				
b. Gates eroded, rusted, or rotten?				
c. Gates operational?				
9. Instruments				
a. Effluent marker post?				
b. On-site weekly monitoring performed?				
10. Operational Activities				
a. Pumping of effluent took place between designated ranges to avoid damage to liner?				
11. Monitoring Wells (LMFOs Only)				
a. Is recent data comparable to baseline data?				

REMARKS:

I _____ certify that I do not suspect that the animal waste retention structure at this facility is leaking. However, if any leakage is suspected, the owner or operator of the facility will notify the Oklahoma Department of Agriculture, Food, and Forestry. This certification is based on the results of this inspection, review of this facility's operation and maintenance, and my education and experience.

NAME OF ENGINEER _____

DATE _____

ENGINEERING FIRM _____

C. A. NUMBER _____

EXPIRATION DATE _____

SIGNATURE _____

PROFESSIONAL ENGINEER SEAL