

**OKLAHOMA DEPARTMENT OF AGRICULTURE
 AGRICULTURAL ENVIRONMENTAL MANAGEMENT SERVICES
 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 _____
OWNER & ADDRESS _____

COUNTY _____
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 floodplain?				
c. Erosion control in place & maintained?				
d. Settlements, misalignments or cracks?				
e. Recent high water mark on gauge pole?				mark on 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. Inlet Structure				
Concrete___ Metal___ PVC___ Other___				
a. Operational?				
b. Splash guard				
Concrete___ Metal___ Rip Rap___ Other___				
4. Emergency Spillway				
a. Obstructions?				
b. Erosion?				
c. Rodent holes?				
5. Exterior Embankment				
a. Erosion?				
b. Trees?				
c. Rodent holes?				
d. Cracks, settlements, bulges?				
e. Seepage or boils?				estimated gpm
f. Seeps down gradient?				estimated gpm
g. Distance of seeps down gradient?				

WASTE RETENTION STRUCTURE INSPECTION CHECKLIST

ITEM	Y	N	N/A	REMARKS
6. Outlet				tailwater level/flow
Concrete___ Metal___ PVC___ Other___				
a. Operational?				
b. Obstructions?				
c. Valves / Gates Operable?				
7. Security				
a. Fencing?				
Barb _ Woven _ Chain Link_ Other_				
b. Gates?				
c. Warning signs?				
8. Instruments				
a. Effluent marker post?				water surface level on gauge pole
b. Rain gage?				
c. On-site weekly monitoring performed?				
9. Operational Activities				
a. Pumping of effluent took place between designated range to avoid damage to liner?				
10. Monitoring Wells (LMFOs Only)				
a. Monitoring wells conditions?				
b. 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 then the Department will be notified by the owner or operator of the facility. This certification is based on the results of this inspection, review of this facilities operation and maintenance, and my education and experience."

NAME OF ENGINEER _____
DATE _____
ENGINEERING FIRM _____
C.A. NUMBER _____
EXPIRATION DATE _____

SIGNATURE _____

PROFESSIONAL ENGINEER SEAL