

STATE OF NEBRASKA
DEPARTMENT OF NATURAL RESOURCES
PLANS FOR FARM POND DAM CONSTRUCTED BEFORE 2005

See Classification of Dams at https://dnr.nebraska.gov/dam-safety/all-technical-resources-references

Also see Requirements for Approval of Farm Pond Dams Constructed Before 2005 for additional information regarding specific criteria and requirements: https://dnr.nebraska.gov/dam-safety/all-technical-resources-references

Dam Name: [text box]

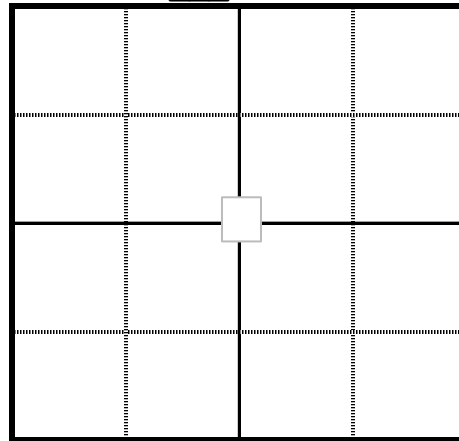
County: [text box]

The following items must be attached to this plan form:

- 1. Topographic map of the dam and reservoir area that includes reservoir water line at the normal storage elevation.
2. Documentation from an engineer in support of the dam's hazard potential classification.

LOCATION MAP

R [] East [] West



Include Section No. in middle box and show location of dam and stream channel

[] EXISTING [] PROPOSED

PRINCIPAL SPILLWAY PROFILE

[] NO PRINCIPAL SPILLWAY

Large grid area for Principal Spillway Profile.

MARK LOCATION OF EACH SPILLWAY ON TOPOGRAPHIC MAP OF DAM

[] ADDITIONAL CONDUIT CROSS-SECTION(S) ATTACHED

[] EXISTING [] PROPOSED

EMERGENCY SPILLWAY CROSS-SECTION (LOOKING DOWNSTREAM)

[] NO EMERGENCY SPILLWAY

Large grid area for Emergency Spillway Cross-Section.

MARK LOCATION OF EACH SPILLWAY ON TOPOGRAPHIC MAP OF DAM

[] ADDITIONAL EMERGENCY SPILLWAY CROSS-SECTION(S) ATTACHED

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EXISTING PROPOSED **EMERGENCY SPILLWAY PROFILE** NO EMERGENCY SPILLWAY

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SPILLWAY CLASS RATING

Max. Flow Depth (ft):	<input style="width: 100%;" type="text"/>
Plasticity Index:	<input style="width: 100%;" type="text"/>
Max. Exit Grade (%):	<input style="width: 100%;" type="text"/>
Criteria 1 Num. Rating:	<input style="width: 100%;" type="text"/>
Drop Off Distance (ft):	<input style="width: 100%;" type="text"/>
Criteria 2 Num. Rating:	<input style="width: 100%;" type="text"/>
Criteria 3 Num. Rating:	<input style="width: 100%;" type="text"/>
Total Numerical Rating:	<input style="width: 100%;" type="text"/>

ADDITIONAL EMERGENCY SPILLWAY PROFILE(S) ATTACHED

HYDROLOGIC AND HYDRAULIC DATA

WATERSHED INFORMATION

Drainage Area (acres):	<input style="width: 100%;" type="text"/>
Runoff Curve Number:	<input style="width: 100%;" type="text"/>
Time of Concentration (hr):	<input style="width: 100%;" type="text"/>

PRINCIPAL SPILLWAY HYDROGRAPH

Recurrence Interval (yr):	<input style="width: 100%;" type="text"/>
Storm Duration (hr):	<input style="width: 100%;" type="text"/>
Rainfall Amount (in):	<input style="width: 100%;" type="text"/>
Runoff Amount (in):	<input style="width: 100%;" type="text"/>
Peak Inflow (cfs):	<input style="width: 100%;" type="text"/>
Peak Reservoir Elev. (ft):	<input style="width: 100%;" type="text"/>
Max. PS Discharge (cfs):	<input style="width: 100%;" type="text"/>

FREEBOARD HYDROGRAPH

Recurrence Interval (yr):	<input style="width: 100%;" type="text"/>
Storm Duration (hr):	<input style="width: 100%;" type="text"/>
Rainfall Amount (in):	<input style="width: 100%;" type="text"/>
Runoff Amount (in):	<input style="width: 100%;" type="text"/>
Peak Inflow (cfs):	<input style="width: 100%;" type="text"/>
Peak Reservoir Elev. (ft):	<input style="width: 100%;" type="text"/>
Max. PS Discharge (cfs):	<input style="width: 100%;" type="text"/>
Max. AS Discharge (cfs):	<input style="width: 100%;" type="text"/>

RESERVOIR STORAGE TABLE

Elev. (feet)	Area (acres)	Storage (ac-ft)

Elev. (feet)	Area (acres)	Storage (ac-ft)

In the above table list and label elevations associated with each spillway and top of dam.

I hereby certify that the dam meets, or will meet after the proposed modifications are completed, the structure and condition criteria for an existing low hazard potential farm pond dam constructed in Nebraska before September 4, 2005.

 Engineer

 Engineering Firm

I hereby certify that I am the owner of the dam and reservoir described on this plan form.

 Print Name of Dam Owner

 Signature of Dam Owner or
 Dam Owner's Authorized Agent

 Date

**ADDITIONAL COMMENTS, AND/OR
 LIST OF ATTACHED DRAWINGS**

Engineer's Seal