

STATE OF NEBRASKA
DEPARTMENT OF NATURAL RESOURCES

PLANS FOR FARM POND DAM CONSTRUCTED BEFORE 2005

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

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SPILLWAY CLASS RATING

Max. Flow Depth (ft):	<input style="width: 60px;" type="text"/>
Plasticity Index:	<input style="width: 60px;" type="text"/>
Max. Exit Grade (%):	<input style="width: 60px;" type="text"/>
Criteria 1 Num. Rating:	<input style="width: 60px;" type="text"/>
Drop Off Distance (ft):	<input style="width: 60px;" type="text"/>
Criteria 2 Num. Rating:	<input style="width: 60px;" type="text"/>
Criteria 3 Num. Rating:	<input style="width: 60px;" type="text"/>
Total Numerical Rating:	<input style="width: 60px;" type="text"/>

ADDITIONAL EMERGENCY SPILLWAY PROFILE(S) ATTACHED

HYDROLOGIC AND HYDRAULIC DATA

WATERSHED INFORMATION

Drainage Area (acres):	<input style="width: 60px;" type="text"/>
Runoff Curve Number:	<input style="width: 60px;" type="text"/>
Time of Concentration (hr):	<input style="width: 60px;" type="text"/>

PRINCIPAL SPILLWAY HYDROGRAPH

Recurrence Interval (yr):	<input style="width: 60px;" type="text"/>
Storm Duration (hr):	<input style="width: 60px;" type="text"/>
Rainfall Amount (in):	<input style="width: 60px;" type="text"/>
Runoff Amount (in):	<input style="width: 60px;" type="text"/>
Peak Inflow (cfs):	<input style="width: 60px;" type="text"/>
Peak Reservoir Elev. (ft):	<input style="width: 60px;" type="text"/>
Max. PS Discharge (cfs):	<input style="width: 60px;" type="text"/>

FREEBOARD HYDROGRAPH

Recurrence Interval (yr):	<input style="width: 60px;" type="text"/>
Storm Duration (hr):	<input style="width: 60px;" type="text"/>
Rainfall Amount (in):	<input style="width: 60px;" type="text"/>
Runoff Amount (in):	<input style="width: 60px;" type="text"/>
Peak Inflow (cfs):	<input style="width: 60px;" type="text"/>
Peak Reservoir Elev. (ft):	<input style="width: 60px;" type="text"/>
Max. PS Discharge (cfs):	<input style="width: 60px;" type="text"/>
Max. AS Discharge (cfs):	<input style="width: 60px;" type="text"/>

RESERVOIR STORAGE TABLE

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

ADDITIONAL COMMENTS, AND/OR LIST OF ATTACHED DRAWINGS

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

Engineer's Seal