

**NEBRASKA DEPARTMENT OF NATURAL RESOURCES**

**DAM INSPECTION CHECKLIST**

<b>COUNTY</b> _____	<b>NID NO.</b> _____	<b>DAM NAME</b> _____
<b>OWNER</b> _____	<b>APPLICATION NO.</b> _____	<b>PLAN NO.</b> _____
<b>LEGAL</b> ___ <b>SEC</b> ___ <b>TWP</b> ___ <b>RGE</b> ___	<b>MAXIMUM STORAGE</b> _____	<b>NORMAL STORAGE</b> _____
<b>HT.</b> _____	<b>HAZARD CLASS.</b> _____	<b>DATE OF LAST INSPECTION</b> _____
<b>TODAY'S DATE</b> _____	<b>INSPECTED BY</b> _____	

DIRECTIONS: MARK "X" IN YES, NO, OR NA COLUMN. IF "YES", EXPLAIN IN REMARKS SECTION

YES	NO	NA	ITEM	REMARKS
<b>1. GENERAL CONDITIONS</b>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. ALTERATIONS TO DAM	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. SIZE OR STORAGE CAPACITY DIFFERENT FROM PLANS	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. DEVELOPMENT IN DOWNSTREAM FLOODPLAIN	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D. INADEQUATE VEGETATIVE COVER	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E. RECENT HIGH WATER MARKS	EL.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F. PUBLIC ALLOWED ON DAM	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G. LIVESTOCK ALLOWED ON DAM	
<b>2. CREST</b>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. SETTLEMENTS OR CRACKS	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. EROSION	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. TREES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D. RODENT HOLES	
<b>3. UPSTREAM SLOPE</b>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. EROSION	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. TREES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. RODENT HOLES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D. CRACKS, SETTLEMENTS, OR BULGES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E. INADEQUATE OR UNSOUND RIPRAP	
<b>4. INTAKE STRUCTURE</b> WATER SURFACE EL.				
			SIZE AND TYPE:	EST. FLOW RATE:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. SPALLING, CRACKING, OR SCALING	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. EXPOSED REINFORCEMENT	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. LEAKAGE	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D. INADEQUATE TRASH RACK	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E. OBSTACLES TO INLET	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F. INADEQUATE DRAWDOWN	OPEN OR CLOSED?
<b>5. AUXILIARY SPILLWAY</b>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. OBSTRUCTIONS	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. EROSION	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. RODENT HOLES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D. CONDITION OF CONTROL SECTION INADEQUATE	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E. VEGETATION CONDITION INADEQUATE	
<b>6. DOWNSTREAM SLOPE</b>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. EROSION	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. TREES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. RODENT HOLES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D. CRACKS, SETTLEMENTS, OR BULGES	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E. PROBLEM AT DRAIN OR WELL OUTLET	EST. GPM:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F. SEEPAGE OR BOILS	EST. GPM:
<b>7. CONDUIT AND OUTLET</b> EST. FLOW RATE:				
			SIZE AND TYPE:	TAILWATER EL.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. SPALLING, CRACKING, OR SCALING	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. EXPOSED REINFORCEMENT	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. JOINTS DISPLACED OR OFFSET	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D. LEAKAGE	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E. CONDUIT OBSTRUCTED	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F. EARTH EROSION	

DAM NAME \_\_\_\_\_ SID NO. \_\_\_\_\_ APP. NO. \_\_\_\_\_ PLAN NO. \_\_\_\_\_

YES NO NA	ITEM	REMARKS
<b>8. PLUNGE POOL</b>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. RIPRAP INADEQUATE	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	B. PROBLEM AT DRAIN OUTLETS	EST. GPM:                      EST. FLOW RATE:
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C. OUTLET CHANNEL OBSTRUCTED	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	D. EROSION PROBLEMS	
<b>9. STILLING BASIN</b>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. SPALLING, CRACKING, OR SCALING	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	B. EXPOSED REINFORCEMENT	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C. JOINTS DISPLACED OR OFFSET	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	D. JOINT MATERIAL LOST	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	E. LEAKAGE OR SEEPAGE	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	F. ROCK INADEQUATE	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	G. DISSIPATORS DETERIORATING	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	H. PROBLEM AT DRAIN OUTLETS	EST. GPM:                      EST. FLOW RATE:
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	I. OUTLET CHANNEL OBSTRUCTED	
<b>10. CONCRETE SPILLWAY</b> WATER SURFACE EL.                      EST. FLOW RATE:		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. SPALLING, CRACKING, OR SCALING	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	B. EXPOSED REINFORCEMENT	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C. JOINTS DISPLACED OR OFFSET	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	D. JOINT MATERIAL LOST	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	E. DISSIPATORS DETERIORATING	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	F. EARTH EROSION	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	G. OUTLET CHANNEL OBSTRUCTED	
<b>11. GATES</b>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. BROKEN OR BENT	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	B. ERODED OR RUSTED	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	C. INOPERATIVE	
<b>12. INSTRUMENTS</b>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. NEED TO BE INSTALLED	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	B. ARE THEY UNMONITORED	
<b>13. CATHODIC PROTECTION</b>		
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	A. NEEDS TO BE INSTALLED	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	B. WORKING PROPERLY	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>14. REEVALUATE HAZARD CLASSIFICATION</b>	
<b>15. CONDITION ASSESSMENT</b> (CIRCLE ONE: SATISFACTORY / FAIR / POOR / UNSATISFACTORY)		
<b>16. CURRENT DEFICIENCIES/RECOMMENDATIONS:</b>		