



Texas Commission on Environmental Quality
Dam Inspection Form

Dam Name: Inventory No:

Name of Inspector/s:

Name of Contact/s:

Date of Inspection: Start Time: End Time: Weather:

Crest level (at center) above water:

Service spillway level Above or Below water:

Emergency spillway level above water:

Ground Moisture Condition: Dry Damp Wet Snow Other:

Crest of Embankment General Condition: Good Fair Poor Width:

Problems Noted: None Rutting Erosion Poor Drainage Height:

Trees Depressions Bulges Livestock Damage Cracks Length:

Misalignment of Crest Misalignment of Utility Poles Misalignment of Fences or Rails Sinkhole Burrows

Breached Other:

Comments:

Upstream Embankment General Condition: Good Fair Poor Slope:

Problems Noted: None Rip-Rap Erosion Too Steep Burrows Trees Cattails Depressions

Bulges Livestock Damage Slides Concrete Decay Cracks Sinkhole Benching

Misalignment of Rip-rap Open Joints in Concrete

Comments:

Downstream Embankment General Condition: Good Fair Poor Slope:

Problems Noted: None Sloughing Erosion Too Steep Burrows Trees Cattails Depressions

Bulges Livestock Damage Slides Concrete Decay Cracks Sinkhole Other:

Comments:

Seepage on Downstream Slope Amount: Major Moderate Minor None Found

Problems Noted: None Saturation Starts at % up Embankment Presence of Sediment in Flow

Cattails at Toe of Dam Surface Water at Toe of Dam Seepage Associated with Sloughing Continuous Flow

Sporadic Flow

Comments:

Downstream Hazard Conditions Narrow Canyon Wide Canyon Lightly Sloping Prairie Pastureland
 Large Trees and Forest Brushy and Scrubby Forest No Homes Lightly Populated Moderately Populated
 Densely Populated Industrial Businesses Estimated number of homes: _____

Comments: _____

Service Inlet Structure General Condition: Good Fair Poor
Problems Noted: None Blockage Not Located Steel Corrosion Concrete Spalling Concrete Cracking
 Reinforcement Corrosion Missing Parts Timber Decay Leakage Below Water Level Inoperable Valve
 Other: _____

Comments: _____

Service Outlet Structure General Condition: Good Fair Poor
Problems Noted: None Blockage Not Located Corrosion of Conduit Presence of Sediment in Flow
 Inaccessible Concrete Cracking Concrete Spalling Reinforcement Corrosion Misalignment of Walls/Slabs
 Open Joints

Comments: _____

Service Spillway Condition: Good Fair Poor Depth: _____ Width: _____
Problems Noted: None Blockage Not Located Trees Burrows Back-Cutting Erosion Inaccessible
 Livestock Damage Concrete Cracking Concrete Spalling Reinforcement Corrosion Damaged Water-stops
 Open Joints Sinkholes Holes in Spillway Chute Seepage Misalignment of Walls/Slabs Damaged Gates
 Nonfunctional Gates Lubrication of Gates Testing of Gates

Comments: _____

Emergency Spillway Condition: Good Fair Poor Depth: _____ Width: _____
Problems Noted: None Blockage Not Located Trees Burrows Back-Cutting Erosion Inaccessible
 Livestock Damage Concrete Cracking Concrete Spalling Reinforcement Corrosion Damaged Water-stops
 Open Joints Sinkholes Holes in Spillway Chute Seepage Misalignment of Walls/Slabs Damaged Gates
 Nonfunctional Gates Lubrication of Gates Testing of Gates

Comments: _____

Other Items Major road along crest of dam Private road or driveway along crest of dam
 Vehicle bridge along crest of dam Culverts built into crest of dam
 Pipeline immediately downstream from dam - Type of pipeline: _____
 Water supply line in crest of dam Other: _____

Comments: _____

Repair Items Ranked by Priority

Item 1: _____
Item 2: _____
Item 3: _____
Item 4: _____

Security Issues Vehicle Accessible Vehicle Gates Vehicle Fences and Railing Pedestrian Accessible
 Pedestrian Gates and Fences Obscured from Surveillance Locks Breaches in Fence Evidence of Parties
 Graffiti Security System

Comments: _____

Operational Procedures SOP Available Location Kept: _____
 Logbook Location of Logbook: _____
 Major Events Noted Staff Training Topics of Training: _____
 Manual Gate Operations Powered Gate Operations Automated Gate Operations

Comments: _____

Communications Directory Available 24-Hour Coverage Telephone Available at Dam
 Cell Phone Coverage—Provider: _____

Comments: _____

Emergency Action Plan Available Filed with TCEQ Change in Downstream Hazard

Frequency of Update: _____ Date of Last Revision: _____

Date of Last Exercise: _____

Comments: _____

Instrumentation Present Adequately Maintained Inadequately Maintained Operational Data Collected
 Data Analyzed Adequately Protected

Comments: _____

Early Warning System Present Adequately Maintained Inadequately Maintained Operational

Frequency of Maintenance: _____ Date of Last Exercise: _____

Comments: _____

Reservoir Drawdown Capability Method of Drawdown: _____

Maximum Drawdown: _____ c.f.s. Frequency of Testing: _____

Comments: _____

Backup Power Present Adequately Maintained Inadequately Maintained Operational

Frequency of Maintenance: _____ Date of Last Exercise: _____

Comments: _____
