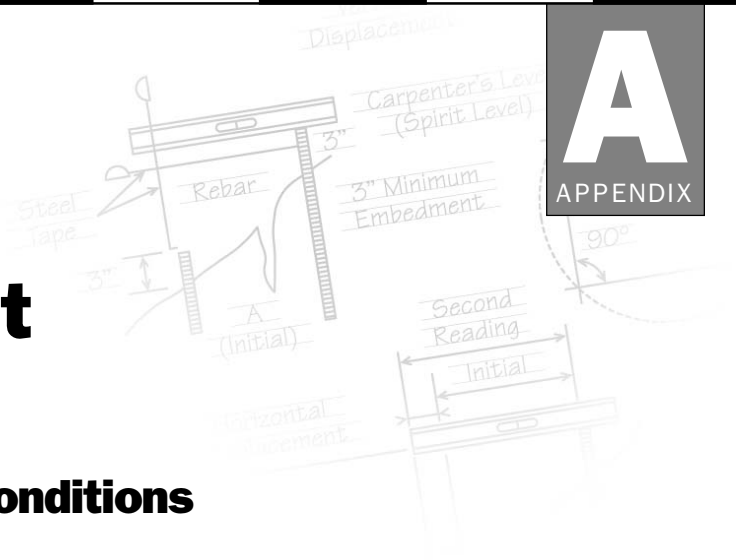
Appendix A: Inspection Report



Inspection Results—Dam Conditions

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: _____
_____
_____