# Appendix A: Inspection Report

## Inspection Results—Dam Conditions

<table>
<thead>
<tr>
<th>Details</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dam Name:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Inventory No:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Name of Inspector/s:</td>
<td>________________________________________________________________________</td>
</tr>
<tr>
<td>Name of Contact/s:</td>
<td>________________________________________________________________________</td>
</tr>
<tr>
<td>Date of Inspection:</td>
<td>________</td>
</tr>
<tr>
<td>Crest level (at center) above water:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Service spillway level</td>
<td>❑ Above or ❑ Below water:</td>
</tr>
<tr>
<td>Emergency spillway level above water:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Ground Moisture Condition:</td>
<td>❑ Dry</td>
</tr>
<tr>
<td><strong>Crest of Embankment</strong></td>
<td>General Condition:</td>
</tr>
<tr>
<td>Problems Noted:</td>
<td>❑ None</td>
</tr>
<tr>
<td>❑ Trees</td>
<td>❑ Depressions</td>
</tr>
<tr>
<td>❑ Misalignment of Crest</td>
<td>❑ Misalignment of Utility Poles</td>
</tr>
<tr>
<td>❑ Breached</td>
<td>❑ Other:</td>
</tr>
<tr>
<td>Comments:</td>
<td>________________________________________________________________________</td>
</tr>
</tbody>
</table>

| 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

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

Problems Noted:
- 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

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

Problems Noted:
- Inaccessible
- Concrete Cracking
- Concrete Spalling
- Reinforcement Corrosion
- Misalignment of Walls/Slabs
- Open Joints

Comments:

Service Spillway

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

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:
Guidelines for Operation and Maintenance of Dams in Texas

**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:** ______________________________________________________________________
__________________________________________________________________________________
Guidelines for Operation and Maintenance of Dams in Texas

**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: _______________________________________________________________________________________________
________________________________________________________________________________________________________
__________________________________________________________________________________________________________