



Basins

Annual Assessment/Inspection

Inspectors _____

Date _____

UNIQUE ID _____ PROJECT LOCATION _____

Photo Frame No's _____

Accessibility (Rating 1 to 5) _____

- The pond was inaccessible at the time of the inspection
- Access road eroded or in need of repair
- Brush or vines on fence
- Fence damaged and repairs needed
- Gate not locked

Notes: _____

Inlets, Inlet Channels and Forebay (Rating 1 to 5) _____

- Erosion of inlet channel
- Erosion at one or more inlet outfall into basin
- Inlet end section or headwall has separated from inlet pipe
- Inlet is blocked with silt, sediment or trash

Forebay

- Erosion at one or more inlet outfall into forebay
- Sediment has filled in significant portions of sediment forebay
- Forebay embankment or riprap eroded or damaged

Notes: _____

Dam Embankment (Rating 1 to 5) _____

- Dam was found to be largely over grown with briars/weeds
- Trees or brush growing on embankment
- Inadequate vegetation on dam slopes
- Erosion was noted on the dam
- Settlement was noted on the dam
- Piping was noted on the dam
- Slope slippage was noted on the dam
- Animal burrow holes were noted on the dam
- Downstream seepage noted

Notes: _____

Emergency Spillway (Rating 1 to 5) _____

- Eroding or backcutting
- Obstructed
- Non-operational
- Trees or brush present

Notes: _____

Outlet Structure & Principal Spillway Pipe (Rating 1 to 5) _____

Outlet Structure (OS) - Riser or Wier Wall

- The low-flow orifice is blocked
- The low-flow orifice trash rack is missing or is damaged
- The upper stage orifice is blocked
- The upper stage orifice trash rack is missing or is damaged
- The OS top overflow spillway is blocked
- The OS top overflow trash rack is damaged or missing
- The OS is filled with excess material (debris, trash, rock, etc.)
- The OS is damaged or deteriorated
- Erosion around the OS or OS is undermined
- The OS structure has separated from the PSP by more than 3"

Principal Spillway Pipe (PSP)

- The PSP is blocked
- One or more of the joints of the PSP are leaking
- One or more sections of pipe are cracked , damaged or settled to a point that threatens the integrity of the dam

Notes: _____



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Outfall Channel (Rating 1 to 5) _____

- The outfall channel is blocked
- The outfall channel is eroding
- Outfall end section or headwall has separated from inlet pipe

Notes: _____

Impoundment Area (Rating 1 to 5) _____

- There is large debris or excessive trash in the basin
- Ponding of water in detention basin
- Inadequate vegetation on side slopes of basin floor
- The side slopes are eroding
- Silt and sediment has filled in significant portions (approximately 50%) of the dry pond's BMP or 2-yr SWM volume (circle appropriate volume)
- The low-flow ditch system is blocked with silt and sediment or have cracked and/or have been undermined

Notes: _____

Inspectors Notes:

Overall SWB Rating Categories	
Rating	Description
A	The SWB is functioning as designed with no problem conditions identified. No signs of impending deterioration. Candidate for annual inspection.
B	Minor problems are observed, however, SWB is functioning as designed with no critical parameters with problem conditions. Candidate for annual inspection, however, depending on problem conditions may require additional inspections.
C	Moderate problems are observed, however, SWB is functioning as designed with no critical parameters with problem conditions. SWB performance is being compromised. Candidate for bi-annual inspection depending on problem conditions. Structural defects may require repair and/or restoration. Maintenance of the SWB should be scheduled.
D	Major problems are observed, and basin is not functioning as designed with several critical parameters with problem conditions. Conditions associated with the basin have compromised the SWB performance. SWB shows signs of impending deterioration with potential for failure. Maintenance should be performed immediately.
E	Severe problems are observed, and basin is not functioning as designed with several critical parameters with problem conditions. Conditions associated with the basin have compromised the SWB performance. SWB shows signs of impending deterioration and/or failure. Maintenance should be performed immediately.