

DESIGN REPORT
Attachment B
Design Assumptions Affecting Future Operation and Maintenance
Stillwater Creek Watershed
Site No. 33 C

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- I. The following items are considered essential to maintaining the level of adequacy assumed during design and should be incorporated into the operation and maintenance plan.
 - A. Auxiliary Spillway - The forebay area, including 2 feet below the crest elevation will be kept clear of trees, building, fences, etc., which will interfere with proper function of the emergency spillway. Exit channel will be kept clear of any objects (natural or man-made) which cause surface erosion.
 - B. Embankment - All surface areas scheduled for vegetation shall have permanent fencing installed and maintained for excluding livestock during periods necessary for sustaining and/or improving vegetative cover. All woody vegetation shall be removed when stem growth exceeds two inches in diameter.
 - C. Outlet Channel - The water surface in the channel shall be monitored during periods of full pipe discharge. When the water surface in the channel rises to within the invert of the pipe, the channel shall be re-sectioned and/or graded to conform to as-built plans.
 - D. Drain - The outlet end shall be kept open of silt, debris and other obstructions.
 - E. Inlet - Trash accumulations shall be removed to prevent clogging of the principal spillway trash rack.
 - F. Fencing - All permanent fencing installed at the site shall be maintained sufficient to exclude livestock.
- II. The following items are not expected to retain operational capability for the design life of the major works-of- improvement. Timing for replacement should be evaluated periodically during O&M inspections.
 - A. Trash Rack(s) and Debris Guards
 - B. Fence