WATERSHED STRUCTURE INSPECTION REPORT

Name of Dam	Pine Creek No. 1	Hazard Classification	c High	Date of Inspection	Dec 5, 2007
County	Scott	Watershed	Pine Creek	Sponsor	City of Oneida

Embankment

1. Type and condition of vegetation The embankment is well grassed with fescue.
2. Is woody growth present? No
3. Are cracks present? No
4. Has sliding occurred? No
5. Are irregularities caused by settlement evident? No
6. Are eroded areas or gullies present? No
7. Is toe or area below dam wet? No
8. Are concentrated leaks present? No
9. Any sinkholes present in area around dam?No
10. Condition of wave berm and areas subject to erosion? Some erosion of the embankment is occurring above the riprap.
11. Is dispersion (jugging) evident? No
12. Drift debris present or the slopes or in the reservoir? No
13. Is riprap adequate? Riprap on the slope is thin. Additional riprap needs to be added.
14. Is crest of dam damaged or has low spots? No
15. Are animal burrows or trails present? No

Auxiliary Spillway

1. Type and condition of vegetation? Earthen spillway is well grassed with fescue.
2. Any erosion occurring? No
3. Do roads cross or go through the spillway which will concentrate flow or contribute to erosion? No
4. Are fences present which will obstruct flow? No
5. Has spillway been altered? Temporary soccer goals are present.
6. Any obstructions in spillway? No
7. Woody growth in spillway? No

WATERSHED STRUCTURE INSPECTION REPORT
(Cont'd)

Principal Spillway

1. Condition of trash racks The screen on the top left side (looking D/S) has fallen and needs to be repaired.
2. Debris lodged in openings? No
3. Is trash rack rusted or corroded? They are all rusted but generally in good condition.
4. Are there cracks in the concrete riser or conduit or is the concrete deteriorating? No
5. Condition of gate and gate stem It looks good but it was not operated. Sponsor said it was operated in 2001.
6. Are any of the low stage inlets blocked? No
7. Has riser been modified? It looks like 2 x 10 boards have been placed on top of the overflow weir.
8. Is the manhole cover in place? Yes

Stilling Basin and Outlet Channel

1. Type and condition of vegetation Riprap is around the outlet with grass above it.
2. Is stilling basin eroding? On the left side (looking D/S) there is some minor erosion and needs additional riprap or grass.
3. Are banks of outlet channel stable? Yes, channel is lined with riprap.
4. Is outlet channel degrading? No
5. Is channel free of obstructions? Yes
6. Boils in stilling basin or outlet channel? No
7. If boils are present, is there an accumulation of soil or sand around boil? No
8. If leakage is evident, is it clear? N/A
9. Condition of riprap? Good
10. Impact basin in good condition? Yes
11. Is outlet pipe in good condition? Is it submerged. Is it properly supported? N/A Has impact basin.

Foundation Drains

1. Foundation drains visible? Yes
2. Is there flow from foundation drains, if so how much? Yes, just a trickle.
3. Are drains blocked? No
4. Are animal guards ok? No animal guards.

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Reservoir and Borrow Area

1. Is borrow area well grassed? Yes
2. Erosion occurring in borrow area? No
3. Is shoreline wave erosion occurring? No
4. Is there woody growth occurring around the shoreline? yes, at edge of normal pool.
5. Is there floating debris in the pool? No
6. Are there sinks or holes? No
7. What are the condition of the fences? N/A

Miscellaneous

1. Does sponsor have an O&M plan? Yes
2. Does Sponsor have an Emergency Action Plan?
3. Has land use in watershed changed enough since structure was designed to alter runoff significantly? No
4. Has land use in the flood plain below the dam changed enough since design to alter hazard classification? Are there houses or roads downstream in the floodplain? No

Additional Comments	**Dam is very well maintained - the slopes and spillway are mowed and are well grassed. However, it appears that the riser for the principal spillway has been altered. It looks like a 2x10 board has been placed on top of the overflow weir which would raise the normal pool elevation (the pool elevation of the day of the inspection was significantly below the normal pool elevation - see attached pictures). This in turn has caused some minor erosion of the embankment slope above the riprap. At this time, the erosion is not serious but over time additional erosion of the embankment could occur. The riprap on the upstream slope is also thin in places and could use some additional stone. Pictures were taken and are attached.**

Conclusions and Recommendations	**It is recommended that the 2x10 boards that have been placed on tip of the overflow weir be removed, the trash rack put back up in place and additional stone be placed on the existing riprap on the upstream slope.**

Sponsor Representative:

NRCS Representative: