


Standardized Pond Evaluation Form							CBBEL Project No: 210335	
Orland Park Pond ID #:	P28-02							
Site Name:	Lake Lucille Pond							
Evaluator(s)	Adam Janicki							
Date:	08-12-2021							
Time:	08:45am							
Weather:	74 Degrees F, Cloudy						Pond Ranking: 5	
Approx. days since last precip:	1						Priority Ranking System	
Eng Plans Available?	Yes		No	x	Rev'd?		1 - Low priority, Monitor condition annually	
MMP Available?	Yes		No	x	Rev'd?		2/3 - Maintenance Active issues - monitor	
Planting Plan Available?	Yes		No	x	Rev'd?		4 - Maintenance Recommended Soon	
							5 - Urgent Maintenance Required	
	Question			Maintenance Necessary		Rank How Critical	Comments:	
Emergency Spillway	Y	N	N/A	Y	N	1 Low - 5 High		
1. Present -Found?	x				x			
2. Spillway level?	x				x			
3. Adequate vegetation and groundcover? Overgrown?	x				x			
4. Adequate freeboard?	x				x			
5. Embankment erosion evident?		x			x			
6. Cracking, bulging, or slumping?		x			x			
a) upstream face?		x			x			
b) downstream face?		x			x			
c) at or below toe upstream?		x			x			
d) at or below toe downstream?		x			x			
e) emergency spillway?		x			x			
7. Pond and toe drains clear and functioning?			x					
8. Evidence of animal burrows?		x			x			
9. Seeps or leaks on downstream face?		x			x			
10. Vertical/horizontal alignment on the top of the dam per plan?			x					
11. Emergency Spillway clear?	x				x			
12. Access available for maintenance?	x				x			
a) For hand labor?	x				x			
b) For heavy equipment?	x				x			
13. Other? (specify in comments below)			x					
Notes/comments:	n/a							

Outlet/Riser Condition							
	Question			Maintenance Necessary		Rank How Critical	Comments:
	Y	N	N/A	Y	N	1 Low - 5 High	
							Functioning well
Type: Concrete	x				x		
Plastic			x				
CMP			x				
Masonry			x				
14. Low flow orifice clear?	x				x		
15. Low flow trash rack:			x				
a) Is debris removal necessary?			x				
b) Is corrosion evident?			x				
16. Weir trash rack maintenance:	x				x		
a) Is debris removal necessary?		x			x		
b) Is corrosion evident?		x			x		
17. Sediment accumulation in structure?		x			x		
18. Outfall channel functioning?	x				x		
19. Metal pipe condition?	Good		Fair		Poor		n/a
Other Infrastructure							
	Question			Maintenance Necessary		Rank How Critical	Comments:
	Y	N	N/A	Y	N	1 Low - 5 High	
20. Concrete/masonry/manhole conditions:	x			x			See comments below
a) Cracks or displacement?		x			x		
b) Minor spalling?		x			x		
c) Major spalling - rebar exposed?		x			x		
d) Joint failures?	x			x		4	Multiple joint failures (See page 4)
21. Pond drain valve:			x				
a) Operational?			x				
b) Chained or locked?			x				
22. Slope protection or rip-rap failures?		x			x		
23. Other? (specify in comments section below)			x				
Wet Pond Condition							
24. Non-native or weedy growth?		x			x		
25. Excessive floating debris?		x			x		
26. Visible pollution?		x			x		
27. Evidence of shoreline erosion?	x			x		2	>12" (severe) erosion of Western shoreline
28. Other?	x			x		1	
Comments:	Residents using algaecide to reduce algae coverage on water.						

Pond Elements - Review all that apply	Question			Maintenance Necessary		Rank How Critical	Comments:
	Y	N	N/A	Y	N	1 Low - 5 High	
Dry Bottom Pond Condition							
29. Adequate vegetative cover?			x				
30. Non-native dominance?			x				
31. Standing water or wet spots?			x				
32. Sediment/trash accumulation?			x				
33. Low flow channels?			x				
34. Other? (specify in comments section below)			x				
Sediment Forebays (if present)							
35. Is sediment acculation >50%?			x				
a) Is sediment depositing above NWL?			x				
b) Is there significant sediment on pond bottom?			x				
36. Provision for access for maintenance:			x				
a) For hand labor?			x				
b) For heavy equipment?			x				
Outfalls/Inlets Condition							
37. Rip-rap failures		x			x		
38. Evidence of slope erosion?	x			x		2	Around intlets on N and NW shorelines
39. Other? (specify in comments / comments section below)			x				
40. Headwall condition	Good		Fair		Poor		n/a
41. Condition of pipes?	Good		Fair	x	Poor		corrosion and joint failures
Other	Yes	No	Comments:				
42. Encroachments into stormwater easement?	x		Potential on middle of N shoreline and NW shoreline of pond (decks)				
43. Complaints from residents?	x		Residents "do not want village help" in managing pond (See page 4)				
a) Mowing required		x					
b) Graffiti removal necessary?		x					
c) Other (specify)		x					
44. Any public hazards (specify in comments section below)?	x		Holes cause by joint failures				
45. Asthetics:	Good	x	Fair		Poor		
46. Does the pond have a safety shelf?	Yes	x	No		N/A		Unknown
Wetlands-Native Plantings	Yes	No	Comments:				
Native Predominance		x					
Are Sideslopes well vegetated?		x	Residents prefer riprap or river rock as shoreline buffer				
Healthy? - describe		x	Lot's of algaecide used (blue hue), no aquatic vegetation, mostly bare slopes				
% Coverage of bare earth?	x		Excluding shoreline rocks, bare earth spots <15%				
Excessive erosion?	x		Severe along Western shoreline				
Wetland bottom? - describe	x		Clear water with blue hue, algae on bottom (only aquatic vegetation)				
Dominant Vegetation? - describe			n/a				
% Vegetative Cover	%Veg	0%	%Open Water	100%	Comment:		
Sediment accumulation?	x		Depth: Undetermined				
Comments:	n/a						

Total Pond Shoreline Erosion - Height of eroded bank	Must total 100%		Urgency = 1 low - 5 high		Comment/Reason for Score:	
% of total n=minor 0-6 inches	60		1		Monitor annually	
% of total moderate 6 - 12 inches	20		1		Monitor annually	
% of total severe >12 inches	20		2		Monitor, apply slope protection in severe spots	
Infrastructure at Risk	Yes		No	x	Comment:	
Shoreline Erosion Comments/Concerns:						
The Western slope has the most significant concern regarding shoreline erosion - monitor.						
Other Utility Comments:						
n/a						
Wildlife Comments/Concerns:						
Fish present.						
Visual Water Quality Concerns:						
Blueish hue to water as a result of algacide use by residents, 0% lily pad coverage.						
Basin Capacity Concerns - Sedimentation:						
n/a						
Other Comments, i.e., adjacent land use issues, anything out of the ordinary or worth noting:						
The residents around this pond are hesitant towards receiving the Village's assistance in managing the pond. Multiple residents claim that they have been managing the pond for decades and spending their personal finances.						
The infrastructure in this pond, specifically the inlets, require repairs due to corrosion and/or joint failures. The North and NE inlets have joint failures with hazardous holes (5). The NE inlet pipe is visible 2ft. underground through the residents lawn.						
The NW inlet contains ~4-6" of sediment 4ft. into the pipe (2).						
Sketch Basin Shoreline Condition on Aerial						
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