

Wet Pond Checklist

BMP Site Name: Davis Lake Charlotte

Date: 1/20/2012

Pond Name:

Item-by-Item Observation Key:

FF	Fully Functional (No Corrective Action Needed)
OWI	Operating with Issues (Suggested Corrective Action)
OWI-COR	Corrective Action Completed
NF	Not Functional (Corrective Action Needed)
NF-COR	Corrective Action Completed
MON	Monitor (Monitor for a period of time)
APP	Application
N/A	Not Applicable

INFLOW POINTS

Assessment	Status	Comments	Corrective Action
Obstruction: vegetation debris/sediment	OWI	Some sediment deposition in head section and erosion at newest inlet at corner of dam.	
Erosion/undercutting	FF		
Displacement/sedimentation of fabric or rip-rap	OWI	Some sediment erosion at inlet in corner of dam.	
Pipe condition	FF		
Other (Describe)			

FOREBAY (AS APPLICABLE)

Assessment	Status	Comments	Corrective Action
Sediment/debris accumulation	N/A		
Bare soil/erosion on side slopes	N/A		
Invasive vegetation	N/A		
Other (Describe)			

MAIN POND POOL AREA

Assessment	Status	Comments	Corrective Action
Visible pollution/muddiness of water quality,	FF		
Sediment accumulation	FF		
Trash accumulation	OWI-COR		Removed trash from lake.
Is vegetative shelf thriving? *	FF		
Invasive vegetation (%) *	FF		
Algae cover (%) *	FF		
Bare soil/erosion on side slopes	OWI	Area with some bank sloughing between gazebo and dam persists.	

Side slopes maintained as mowed/covered	FF		
Other (Describe)			

EMBANKMENT

Assessment	Status	Comments	Corrective Action
Bare soil, erosion, loss of dam material	FF	Ground covering is continuing to establish on dam and has developed into good coverage.	
Emergency spillway properly armored and free of woody vegetation	N/A		
Animal burrows	MON	Old muskrat holes persist.	
Signs of seepage on downstream face	FF		
Signs of structural failure: i.e., horizontal/vertical cracks	FF		
Upslope, top, and downslope mowed. Any shrubs/trees present (>3" tall)	MON	There are some trees along downslope side of dam/road.	
Other (Describe)			

OUTLET DEVICE

Assessment	Status	Comments	Corrective Action
Obstructed pipe, trash rack, or draw-down orifice	FF		
Erosion/undercutting	FF		
Joint failure/loss of joint material, soil piping	FF		
Overall structural condition	FF		
Leaking devices	N/A		
Sediment in Pipe	FF		
Displacement of fabric/rip-rap	FF		
Water level returns to normal pool (> 5 days after rainfall)	FF		
Other (Describe)			

WATER QUALITY

Parameter	Observations	Comments
Water Level	Mean Level	
Visibility (inches)	24	
Alkalinity (ppm)	32	
Hardness (ppm)	45	
pH	7	
Temperature (°F)	48	

MISCELLANEOUS

Assessment	Observations	Comments
Sequential BMP devices present (level spreader, grass swale, etc.)	<input type="checkbox"/>	
Access	Limited	Some areas are only accessible by boat and there is no made for purpose boat access.
Evidence of landscape maintenance being performed?	<input checked="" type="checkbox"/>	
Fence condition (if applicable)		
Fountain / Aerator / Diffused Air	<input type="checkbox"/>	
Fish Stocked	<input type="checkbox"/>	
Other (Describe)		Fish usually stay in deeper water during cold weather.

ADDITIONAL COMMENTS / RECOMMENDATIONS:**PHOTOGRAPHS:**