

Wet Pond Checklist

BMP Site Name: Davis Lake Charlotte

Date: 09-23-10

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	MON	Some deposited sediment at inlet in head section.	
Erosion/undercutting	FF		
Displacement/sedimentation of fabric or rip-rap	FF		
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		Picked up and removed trash.
Is vegetative shelf thriving? *	FF		
Invasive vegetation (%) *	OWI-COR	Primrose growing mostly along dam.	Treated primrose.
Algae cover (%) *	FF		
Bare soil/erosion on side slopes	OWI	Area of bank sloughing between gazebo and dam persists. Vegetation along slope of dam is dead and some form of ground cover needs to be added to cover bare soil.	

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

EMBANKMENT

Assessment	Status	Comments	Corrective Action
Bare soil, erosion, loss of dam material	OWI	Dead vegetation along slope of dam. Needs to be replaced with some form of ground cover to prevent erosion.	
Emergency spillway properly armored and free of woody vegetation	N/A		
Animal burrows	OWI	No new borrows observed, some old borrow sites 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)	FF		
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	FF		
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	Low Level	2" low
Visibility (inches)	26"	
Alkalinity (ppm)	56	
Hardness (ppm)	75	
pH	8	
Temperature (°F)	78	

MISCELLANEOUS

Assessment	Observations	Comments
Sequential BMP devices present (level spreader, grass swale, etc.)	<input type="checkbox"/>	
Access	Good	
Evidence of landscape maintenance being performed?	<input type="checkbox"/>	
Fence condition (if applicable)	<input type="checkbox"/>	
Fountain / Aerator / Diffused Air	<input type="checkbox"/>	
Fish Stocked	<input type="checkbox"/>	
Other (Describe)		5 large swirls, several bream 2-6"

ADDITIONAL COMMENTS / RECOMMENDATIONS: