## Foster Lake and Pond Management P.O. Box 1294 Garner, NC 27529 919-772-8548

Client: So	outhern Village (Scho	001)		
Date 3/3	3/2005	Appearance Scale 8 Weather Observations Appearance Scale 8 (Poor 1 - 10 Excellent): Overcast Aesthetic Good but poor color		
Water Level: Fi Water Level H Water Level		Windy       Observation:       Good but poor color         Rainy       Surface film         Icy       Shoreline needs mowing         Warm       Other Aesthetic:		
Visibility (inches) Alkalinity (ppm) Hardness (ppm) pH:	30	Hot     Color: Olive Brown       ♥ Cold     Buckets ofTrash       Collected:     2		
Vegetation: Notes:		Watermeal       Hydrilla       Pennywort         ✓ Cattail       Primros       Milfoil         Duckweed       Parrotfeather       Lilies         Bladderwort       Other Vegetation:       s (brown stalks) may be trimmed by landscapers to reduce appearance.		
	<ul> <li>☐ Applied algaecide to contr</li> <li>☐ Applied herbicide to contr</li> <li>☑ Placed barley log/pillow in</li> </ul>	trol vegetation $\checkmark$ Added colorant to help shade out bottom growing vegetation and/or mask mudd trol vegetation $\square$ Applied bacterial concentrate to help control vegetation and breakdown organic in water for algae control # of pounds $\boxed{40.0}$	liness matter	
Erosion:	<ul><li>No Problems</li><li>Stormwater outlet</li></ul>	<ul> <li>Undercutting of banks from wave action</li> <li>Bank sloughing</li> </ul>		
Drain:	<ul><li>No Problems</li><li>Needs outer sleeve</li></ul>	Partially clogged     Cleaned drain       Installed standpipe sleeve		
Erosion and Drain Notes:				
Fish/Wildlife Observations			_	
	No Wildlife Observed Beaver Muskrat Geese	□ Ducks       Notes:       Hundreds of tadpoles observed.         □ Turtles         ✔ Frogs         □ Snakes		
	Set beaver trap(s)   Image: Constraint of the set of t	Set turtle trap(s)       Set muskrat trap(s)       Collapsed muskrat holes         Removed turtle traps       Removed muskrat traps	_	
Other Activities: Mud samples were collected in 2003 to determine lime analysis. Lab results indicated, at that time, that the lake does not require any lime to be added. Next mud samples will be collected in 2006.				
Recommenda	itions:			

Client: So	uthern Village (Wil	son Creek)
Date 3/3	/2005	Appearance Scale 6 Veather Observations Overcast Appearance Scale 6 Overcast Overcast Covercast Coverca
Water Level: Fu Water Level Hi Water Level Lo Visibility (inches) Alkalinity (ppm) Hardness (ppm) pH: <b>Vegetation:</b> Notes:	gh (inches): w (inches): 20 No Problems ✔ Filamentous Algae (FA) Naiad Cyanobacteria (CB) Pondweed	Windy Good but poor color   Bainy Surface film   Icy Shoreline needs mowing   Warm Other Aesthetic:   Hot Color: Olive Green   Cool Buckets of Trash   Cold Buckets of Trash   Cold Buckets of Trash   Cold Buckets of Trash   Collected: 5   Temperature (F) 44   Watermeal Hydrilla   Primros Milfoil   Duckweed Parrotfeather   Bladderwort Lilies   along most shorelines - out 1-3' from the shore. One barley bale observed.
	<ul> <li>Applied algaecide to cor</li> <li>Applied herbicide to cor</li> <li>Placed barley log/pillow</li> </ul>	introl vegetation $\square$ Added colorant to help shade out bottom growing vegetation and/or mask muddiner introl vegetation $\square$ Applied bacterial concentrate to help control vegetation and breakdown organic matrix in water for algae control # of pounds $\boxed{80.0}$
Erosion:	<ul><li>No Problems</li><li>Stormwater outlet</li></ul>	<ul> <li>Undercutting of banks from wave action</li> <li>Bank sloughing</li> </ul>
Drain:	No Problems Needs outer sleeve	Partially clogged     Cleaned drain     Installed standpipe sleeve
Erosion and Drain Notes:		
Fish/Wildlife Observations		
	□ No Wildlife Observed         ✓ Beaver         □ Muskrat         □ Geese         et beaver trap(s)         emoved beaver traps	<ul> <li>Ducks</li> <li>Notes: Extensive beaver signs including : beaver sticks, tracks, felled trees and dams. Beaver dams exist down in Wilson Creek as well as the creek above the pond. I was unable to identify a den site at the pond, but extensively traveled trails exist going over the pond dam and into the upper creek.</li> <li>Set turtle trap(s)</li> <li>Removed turtle traps</li> <li>Notes: Extensive beaver signs including : beaver sticks, tracks, felled trees and dams. Beaver dams exist down in Wilson Creek as well as the creek above the pond. I was unable to identify a den site at the pond, but extensively traveled trails exist going over the pond dam and into the upper creek.</li> </ul>
Other Activities:		
Recommendat	tions:	

## Client: Southern Village (Brook Green)

Date 3/	3/2005			nce Scale 10 Excellent):	9
		Weather Observations	Overcast	Aesthetic	Good Good but poor color
Water Level: F	Full		Windy Rainy	Observation:	Surface film
Water Level H	High (inches):				Shoreline needs mowing
Water Level L	_ow (inches):		Warm	Other Aesthetic:	
Visibility (inches)	18		Hot	Color: Olive Gre	
Alkalinity (ppm)					
Hardness (ppm)			Cold	Buckets ofTrash Collected:	1
pH:		Temperature (F)	44		
Vegetation:	✓ No Problems	U Watermeal	Hydrilla	Pennywo	ort
U	Filamentous Algae (FA)	Cattail	Primros	Milfoil	
	Naiad	Duckweed	Parrotfeather	Lilies	
	Cyanobacteria (CB)	Bladderwort			
		Other Vegetation:			
Notes	One barley bale observed.				
	Applied algaecide to con				ving vegetation and/or mask muddiness
	Applied herbicide to con				egetation and breakdown organic matter
	Placed barley log/pillow	in water for algae control	# of pounds	0.0	
		Lindorcutting of bank	s from ways action	Sediment fr	om upstream
Erosion:	✓ No Problems	<ul> <li>Undercutting of bank</li> <li>Bank sloughing</li> </ul>	S HOITI WAVE ACTION		on upsitean
	Stormwater outlet				
Drain:	✓ No Problems	Partially clogged		aned drain	
	Needs outer sleeve	Installed standpipe s	leeve		
Erosion and					
Drain Notes:					
Fish/Wildlife	None observed.				
Observation	S:				
Stocked F	ish				
	✓ No Wildlife Observed	Ducks	Notes:		
	Beaver	Turtles			
	Muskrat	Frogs			
	Geese			<i>.</i>	
	Set beaver trap(s) Removed beaver traps	Set turtle trap(s)	Set muskrat tra		Collapsed muskrat holes
		Removed turtle traps	Removed mus	kiat traps	
Other	Removed two large branches fro	om the pond into adjacent	woods.		
Activities:					
Recommenda	ations:				

## Client: Southern Village (Glenn Heaven)

Date 3/3	3/2005		Appeara ✓ Sunny (Poor 1 -	nce Scale 8 - 10 Excellent):
Water Level: Fu Water Level Hi Water Level Lo Visibility (inches) Alkalinity (ppm) Hardness (ppm) pH:	igh (inches):	Weather Observations	<ul> <li>Overcast</li> <li>Windy</li> <li>Rainy</li> <li>Icy</li> <li>Warm</li> <li>Hot</li> <li>Cool</li> <li>✓ Cold</li> </ul>	Aesthetic       Good         Observation:       Good but poor color         Surface film       Shoreline needs mowing         Other Aesthetic:       Color:         Color:       Brown         Buckets ofTrash       3
Vegetation: Notes:	<ul> <li>No Problems</li> <li>Filamentous Algae (FA)</li> <li>Naiad</li> <li>Cyanobacteria (CB)</li> <li>Pondweed</li> <li>One barley bale observed.</li> </ul>	<ul> <li>Watermeal</li> <li>Cattail</li> <li>Duckweed</li> <li>Bladderwort</li> <li>Other Vegetation:</li> </ul>	<ul> <li>Hydrilla</li> <li>Primros</li> <li>Parrotfeather</li> </ul>	<ul> <li>Pennywort</li> <li>Milfoil</li> <li>Lilies</li> </ul>
		trol vegetation Appli- in water for algae contro	ed bacterial concentrate	e out bottom growing vegetation and/or mask muddiness e to help control vegetation and breakdown organic matter 40.0
Erosion:	<ul><li>No Problems</li><li>Stormwater outlet</li></ul>	<ul> <li>Undercutting of bank</li> <li>Bank sloughing</li> </ul>	s from wave action	Sediment from upstream
Drain:	<ul><li>No Problems</li><li>Needs outer sleeve</li></ul>	<ul><li>Partially clogged</li><li>Installed standpipe s</li></ul>		eaned drain
Erosion and Drain Notes:				
Fish/Wildlife Observations	-			
	No Wildlife Observed Beaver Muskrat Geese et beaver trap(s)	<ul> <li>Ducks</li> <li>Turtles</li> <li>Frogs</li> <li>Snakes</li> <li>Set turtle trap(s)</li> <li>Removed turtle traps</li> </ul>	Notes:	Collansed muskrat holes
Other Activities:				
Recommenda	tions:			