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

	13/2005		Sunny (Poor	rance Scale 1 - 10 Excellent):	7		
		Weather	✓ Overcast		<b>✓</b> Good		
		Observations	Windy	Aesthetic	Good but poor color		
Vater Level: Fi	ull		Rainy	Observation:	✓ Surface film		
Water Level H	ligh (inches):		☐ lcy		☐ Shoreline needs mowing		
Water Level Le	ow (inches):		☐ Warm	Other Aestheti	c:		
isibility (inches)	24		Hot	Color: Olive G	Green		
Alkalinity (ppm)	40		✓ Cool		-1		
Hardness (ppm)	45	T(F)	☐ Cold	Buckets ofTrage Collected:	sn 3		
οH:	6.5	Temperature (F)	56				
/egetation:	No Problems	☐ Watermeal	Hydrilla	Penny	/wort		
J	Filamentous Algae (FA)		Primros	Milfoil			
	☐ Naiad	Duckweed	Parrotfeath	er Lilies			
	<ul><li>Cyanobacteria (CB)</li><li>Pondweed</li></ul>	■ Bladderwort					
		Other Vegetation:					
Notes:	Filamentous algae is present along several shorelines, mixed with pollen. Algae extends out to 2' from the shore. Two barley bales observed.						
	✓ Applied algaecide to co	ontrol vegetation \( \sum_ \text{Adde}	d colorant to help sha	ade out hottom or	owing vegetation and/or mask mu		
	Applied algaecide to control vegetation Added colorant to help shade out bottom growing vegetation and/or mask mud Applied herbicide to control vegetation Applied bacterial concentrate to help control vegetation and breakdown organic						
		w in water for algae contro		0.0			
		w in water for algae contro		_			
Fracion:	Placed barley log/pillo		l # of pounds	0.0	t from upstream		
Erosion:	☐ Placed barley log/pillor  ✓ No Problems	w in water for algae contro  Undercutting of bank  Bank sloughing	l # of pounds	0.0			
	<ul><li>☐ Placed barley log/pillor</li><li>✓ No Problems</li><li>☐ Stormwater outlet</li></ul>	☐ Undercutting of bank☐ Bank sloughing	l # of pounds	0.0 Sediment			
	☐ Placed barley log/pillor  ✓ No Problems	☐ Undercutting of bank☐ Bank sloughing☐ Partially clogged	l # of pounds	0.0			
	<ul><li>☐ Placed barley log/pillor</li><li>✓ No Problems</li><li>☐ Stormwater outlet</li></ul>	☐ Undercutting of bank☐ Bank sloughing	l # of pounds	0.0 Sediment			
<b>Drain:</b> Erosion and	<ul> <li>✓ Placed barley log/pillor</li> <li>✓ No Problems</li> <li>✓ Stormwater outlet</li> <li>✓ No Problems</li> </ul>	☐ Undercutting of bank☐ Bank sloughing☐ Partially clogged	l # of pounds	0.0 Sediment			
Drain: Erosion and Drain Notes: Fish/Wildlife	<ul> <li>Placed barley log/pillov</li> <li>✓ No Problems</li> <li>Stormwater outlet</li> <li>✓ No Problems</li> <li>Needs outer sleeve</li> </ul> None observed.	☐ Undercutting of bank☐ Bank sloughing☐ Partially clogged	l # of pounds	0.0 Sediment			
Orain: Erosion and Drain Notes: Sish/Wildlife Observations	☐ Placed barley log/pillor  ✓ No Problems ☐ Stormwater outlet  ✓ No Problems ☐ Needs outer sleeve  None observed.	☐ Undercutting of bank☐ Bank sloughing☐ Partially clogged	l # of pounds	0.0 Sediment			
Drain: Erosion and Drain Notes: Fish/Wildlife	☐ Placed barley log/pillor  ✓ No Problems ☐ Stormwater outlet  ✓ No Problems ☐ Needs outer sleeve  None observed.	☐ Undercutting of bank☐ Bank sloughing☐ Partially clogged	l # of pounds	0.0 Sediment			
Drain: Erosion and Drain Notes: Fish/Wildlife Dbservations	☐ Placed barley log/pillor  ✓ No Problems ☐ Stormwater outlet  ✓ No Problems ☐ Needs outer sleeve  None observed.	Undercutting of bank Bank sloughing Partially clogged Installed standpipe s	l # of pounds  ss from wave action  Colleeve	0.0 Sediment	t from upstream  sticks, 16 new cuttings including		
Drain: Erosion and Drain Notes: Fish/Wildlife Dbservations	☐ Placed barley log/pillor  ✓ No Problems ☐ Stormwater outlet  ✓ No Problems ☐ Needs outer sleeve  None observed.	Undercutting of bank Bank sloughing Partially clogged Installed standpipe s  Ducks Turtles	I # of pounds  Is from wave action  Colleeve  Notes: Observed a 6" diame	0.0 Sediment	t from upstream  sticks, 16 new cuttings including merous trails observed. Unable		
Drain: Erosion and Drain Notes: Fish/Wildlife Dbservations	Placed barley log/pillov  ✓ No Problems  ☐ Stormwater outlet  ✓ No Problems  ☐ Needs outer sleeve  None observed.  Sh  ☐ No Wildlife Observed  ✓ Beaver  ☐ Muskrat	Undercutting of bank Bank sloughing Partially clogged Installed standpipe s  Ducks Turtles Frogs	Notes: Observed a 6" diame to locate a below it, th	O.0 Sediment Cleaned drain  numerous beavereter pine tree. Nurden. With more there likely is a den	sticks, 16 new cuttings including merous trails observed. Unable fresh signs in the pond than a but with no visible evidence		
Drain: Erosion and Drain Notes: Fish/Wildlife Observations  Stocked Fis	Placed barley log/pillov  ✓ No Problems  Stormwater outlet  ✓ No Problems  Needs outer sleeve  None observed.  Sh  No Wildlife Observed  ✓ Beaver  Muskrat  Geese	Undercutting of bank Bank sloughing Partially clogged Installed standpipe s  Ducks Turtles Frogs Snakes	Notes: Observed a 6" diame to locate a below it, th (scent mot	numerous beaver ter pine tree. Nur den. With more liere likely is a denunts, brush piles, l	sticks, 16 new cuttings including merous trails observed. Unable fresh signs in the pond than a but with no visible evidence		
Drain:  Erosion and Drain Notes:  Fish/Wildlife Dbservations  Stocked Fis	Placed barley log/pillov  ✓ No Problems  ☐ Stormwater outlet  ✓ No Problems  ☐ Needs outer sleeve  None observed.  Sh  ☐ No Wildlife Observed  ✓ Beaver  ☐ Muskrat	Undercutting of bank Bank sloughing Partially clogged Installed standpipe s  Ducks Turtles Frogs	Notes: Observed a 6" diame to locate a below it, th	numerous beaver ter pine tree likely is a denunts, brush piles, ltrap(s)	sticks, 16 new cuttings including merous trails observed. Unable fresh signs in the pond than a but with no visible evidence		
□ s □ r	Placed barley log/pillov  ✓ No Problems  Stormwater outlet  ✓ No Problems  Needs outer sleeve  None observed.  Stormwater outlet  ✓ No Problems  Needs outer sleeve  Moserved.  Geese  Set beaver trap(s)	☐ Undercutting of bank ☐ Bank sloughing ☐ Partially clogged ☐ Installed standpipe s ☐ Ducks ☐ Turtles ☐ Frogs ☐ Snakes ☐ Set turtle trap(s) ☐ Removed turtle traps	Notes: Observed a 6" diame to locate a below it, th (scent mot	numerous beaver ter pine tree likely is a denunts, brush piles, ltrap(s)	sticks, 16 new cuttings including merous trails observed. Unable fresh signs in the pond than a but with no visible evidence holes, etc.).		
Drain:  Erosion and Drain Notes:  Fish/Wildlife Dbservations  Stocked Fisting R  Other	Placed barley log/pillov  ✓ No Problems  ☐ Stormwater outlet  ✓ No Problems  ☐ Needs outer sleeve  None observed.  ☑ No Wildlife Observed  ☑ Beaver  ☐ Muskrat  ☐ Geese  Set beaver trap(s)  Lemoved beaver traps  ook a mud sample for lime re	☐ Undercutting of bank ☐ Bank sloughing ☐ Partially clogged ☐ Installed standpipe s ☐ Ducks ☐ Turtles ☐ Frogs ☐ Snakes ☐ Set turtle trap(s) ☐ Removed turtle traps	Notes: Observed a 6" diame to locate a below it, th (scent mot	numerous beaver ter pine tree likely is a denunts, brush piles, ltrap(s)	sticks, 16 new cuttings including merous trails observed. Unable fresh signs in the pond than a but with no visible evidence holes, etc.).		

Client: Sc	outhern Village (Bro	ook Green)					
Date 4/2	13/2005		Appearance Scale 8 Sunny (Poor 1 - 10 Excellent):				
		Weather	Sunny (Poor 1  ✓ Overcast	✓ Good			
		Observations	Windy	Aesthetic Good but poor color			
Water Level: H	igh		Rainy	Observation: Surface film			
Water Level H	ligh (inches): 2		☐ lcy	Shoreline needs mowing			
Water Level L	ow (inches):		☐ Warm	Other Aesthetic:			
Visibility (inches)	18		Hot	Color: Olive Green			
Alkalinity (ppm)	40		✓ Cool	Dualista of Treels			
Hardness (ppm)	45	T(F)	Cold	Collected:			
pH:	8	Temperature (F)	58				
Vegetation:	✓ No Problems	☐ Watermeal	☐ Hydrilla	Pennywort			
	Filamentous Algae (FA)	Cattail	Primros	Milfoil			
	☐ Naiad	Duckweed	Parrotfeathe	er Lilies			
	<ul><li>Cyanobacteria (CB)</li><li>Pondweed</li></ul>	Bladderwort					
		Other Vegetation:					
Notes:	Surface film consists of pol	len that is thick along one	windblown shoreline.				
	☐ Applied algaecide to control vegetation ☐ Added colorant to help shade out bottom growing vegetation and/or mask muddines ☐ Applied herbicide to control vegetation ✔ Applied bacterial concentrate to help control vegetation and breakdown organic ma						
		in water for algae contro		$\frac{\text{te to help control vegetation and breakdown organic mat}}{0.0}$			
	raced oursey log/pinov	in water for argue contro	n or pounds	0.0			
	✓ No Problems	Undercutting of bank	s from wave action	Sediment from upstream			
Erosion:	Stormwater outlet	Bank sloughing					
	_			canad drain			
Drain:	▼ No Problems						
	Needs outer sleeve	Installed standpipe s	lieeve				
Erosion and Drain Notes:							
Diam Notes.							
Fish/Wildlife	None observed.						
Observations							
Stocked Fi	sn						
	✓ No Wildlife Observed	☐ Ducks	Notes:				
	Beaver	<ul><li>☐ Turtles</li><li>☐ Frogs</li></ul>					
		☐ Snakes					
	Set beaver trap(s)	Set turtle trap(s)	Set muskrat tr	rap(s)			
	demoved beaver traps	Removed turtle traps	Removed mus	('ollanced muckrat holes			
				-			
O 11.10.	Vater is high from recent rainfa	III.					
Activities:							
<b>D</b>							
Recommenda	itions:						

Client: So	outhe	ern Village (Gle	nn Heaven)		
Date 4/1	13/20	005		Appeara	nce Scale 7 - 10 Excellent):
			Weather	✓ Overcast	<b>✓</b> Good
\\\\-\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\			Observations	Windy	Aesthetic Observation:  Good but poor color
	ull 			Rainy	Surface film
Water Level H	•	•		☐ Icy	Shoreline needs mowing
Water Level Lo				☐ Warm	Other Aesthetic:
Visibility (inches)		24		☐ Hot ✔ Cool	Color: Brown
Alkalinity (ppm) Hardness (ppm)		10		Cold	Buckets ofTrash 2
pH:		15	Temperature (F)	58	Collected:
pri.		9			
Vegetation:		No Problems		Hydrilla	Pennywort
	$\overline{}$	ilamentous Algae (FA) laiad	Duckweed	Primros	☐ Milfoil . ☐ Lilies
	□ C	Cyanobacteria (CB)	Bladderwort	Parrotfeather	. Ellies
	P	ondweed	Other Vegetation:		
Notes:					
140100.					
		Applied algaecide to con	trol vegetation 🗹 Added	d colorant to help shade	e out bottom growing vegetation and/or mask muddiness
					e to help control vegetation and breakdown organic matter
	☐ P	Placed barley log/pillow	in water for algae control	l # of pounds	0.0
Erosion:	_	o Problems	Undercutting of bank	s from wave action	Sediment from upstream
	∐ S	tormwater outlet	Bank sloughing	_	
Drain:	<b>✓</b> N	o Problems	Partially clogged	∐ Cle	eaned drain
	□ N	leeds outer sleeve	Installed standpipe s	leeve	
Erosion and					
Drain Notes:					
Fish/Wildlife		one observed.			
Observations					
Stocked Fis	sh				
		lo Wildlife Observed	Ducks	Notes:	
	_	eaver	<ul><li>☐ Turtles</li><li>✔ Frogs 1</li></ul>		
	_	fuskrat Geese	☐ Snakes		
		ver trap(s)	Set turtle trap(s)	Set muskrat tra	ap(s)
		ed beaver traps	Removed turtle traps	Removed musl	('ollansed muskrat holes
O.1	nnk a i	mud sample for lime requ			
Other Activities:	oon a l	naa sampie itii iiilie legi	mement analysis.		
ACTIVITIES.					
Recommenda	tions	•			

Client: So	uthern Village (Sci	hool)				
Date 4/1	3/2005	Weather Observations		A cothotic	7 Good	
Water Level: Fu	igh (inches):		☐ Windy ☐ Rainy ☐ Icy	Observation:	Good but poor color Surface film Shoreline needs mowing	
Water Level Lovisibility (inches) Alkalinity (ppm) Hardness (ppm) pH:	28 40 45 9	Temperature (F)	<ul><li> Warm</li><li> Hot</li><li> Cool</li><li> Cold</li></ul>	Other Aesthetic:  Color: Brown  Buckets ofTrash Collected:	1	
Vegetation:  Notes:	Watermeal					
	Applied herbicide to con		ied bacterial concentrat		g vegetation and/or mask mudding etation and breakdown organic m	
Erosion:	<ul><li>✓ No Problems</li><li>☐ Stormwater outlet</li></ul>	<ul><li>☐ Undercutting of ban</li><li>☐ Bank sloughing</li></ul>	ks from wave action	Sediment from	upstream	
Drain:	<ul><li>✓ No Problems</li><li>☐ Needs outer sleeve</li></ul>	☐ Partially clogged☐ Installed standpipe		aned drain		
Erosion and Drain Notes:						
Fish/Wildlife Observations  Stocked Fis						
	No Wildlife Observed Beaver Muskrat Geese	<ul><li>□ Ducks</li><li>□ Turtles</li><li>✔ Frogs</li><li>□ Snakes</li></ul>	Notes: Hundreds of	tadpoles observed.		
	et beaver trap(s) [ emoved beaver traps [	Set turtle trap(s) Removed turtle traps	Set muskrat tra	-   ( '0	llapsed muskrat holes	
Other Activities:	ook a mud sample for lime rec	uirement analysis.				
_ Recommenda	tions:					