

Foster Lake and Pond Management

P.O. Box 1294 Garner, NC 27529 919-772-8548

Client: **Southern Village (Brook Green)**

Date: **6/26/2006**

Water Level: High

Water Level High (inches): 8

Water Level Low (inches):

Visibility (inches) 10

Alkalinity (ppm) 24

Hardness (ppm) 45

pH: 7

Temperature (F) 86

- Weather Observations:
- Sunny
 - Overcast
 - Windy
 - Rainy
 - Icy
 - Warm
 - Hot
 - Cool
 - Cold

Appearance Scale (Poor 1 - 10 Excellent):

- Aesthetic Observation:
- Good
 - Good but poor color
 - Surface film
 - Shoreline needs mowing

Other Aesthetic:

Color: Olive Brown

Buckets of Trash Collected:

Vegetation:

- | | | | |
|---|--------------------------------------|--|------------------------------------|
| <input checked="" type="checkbox"/> No Problems | <input type="checkbox"/> Watermeal | <input type="checkbox"/> Hydrilla | <input type="checkbox"/> Pennywort |
| <input type="checkbox"/> Filamentous Algae (FA) | <input type="checkbox"/> Cattails | <input type="checkbox"/> Primros | <input type="checkbox"/> Milfoil |
| <input type="checkbox"/> Naiad | <input type="checkbox"/> Duckweed | <input type="checkbox"/> Parrotfeather | <input type="checkbox"/> Lilies |
| <input type="checkbox"/> Cyanobacteria (CB) | <input type="checkbox"/> Bladderwort | Other Vegetation: | |
| <input type="checkbox"/> Pondweed | | | |

Notes:

- Applied algacide to control vegetation
- Added colorant to help shade out bottom growing vegetation and/or mask muddiness
- Applied herbicide to control vegetation
- Applied bacterial concentrate to help control vegetation and breakdown organic matter
- Placed barley log/pillow in water for algae control # of pounds

Erosion:

- No Problems
- Stormwater outlet
- Undercutting of banks from wave action
- Bank sloughing
- Sediment from upstream

Drain:

- No Problems
- Needs outer sleeve
- Partially clogged
- Installed standpipe sleeve
- Cleaned drain

Erosion and Drain Notes:

High water is apparently due to recent rain. Checked drain riser and it appeared normal - water is discharging out the backside of the dam. Could not locate water quality orifices to see if they are clogged.

Fish/Wildlife Observations:

None observed.

Stocked Fish

- No Wildlife Observed
- Beaver
- Muskrat
- Geese
- Ducks
- Turtles
- Frogs
- Snakes

Notes:

- Set beaver trap(s)
- Removed beaver traps
- Set turtle trap(s)
- Removed turtle traps
- Set muskrat trap(s)
- Removed muskrat traps
- Collapsed muskrat holes

Other Activities:

Recommendations:

Client: Southern Village (Glenn Heaven)

Date: 6/26/2006

Water Level: High

Water Level High (inches): 8

Water Level Low (inches):

Visibility (inches) 16

Alkalinity (ppm) 24

Hardness (ppm) 45

pH: 7

Temperature (F) 86

- Weather Observations:
- Sunny
 - Overcast
 - Windy
 - Rainy
 - Icy
 - Warm
 - Hot
 - Cool
 - Cold

Appearance Scale (Poor 1 - 10 Excellent):

Good

- Aesthetic Observation:
- Good but poor color
 - Surface film
 - Shoreline needs mowing

Other Aesthetic:

Color: Olive Brown

Buckets of Trash Collected:

Vegetation:

- No Problems
- Filamentous Algae (FA)
- Naiad
- Cyanobacteria (CB)
- Pondweed
- Watermeal
- Cattails
- Duckweed
- Bladderwort
- Hydrilla
- Primros
- Parrotfeather
- Pennywort
- Milfoil
- Lilies

Other Vegetation:

Notes:

- Applied algacide to control vegetation
- Applied herbicide to control vegetation
- Placed barley log/pillow in water for algae control
- Added colorant to help shade out bottom growing vegetation and/or mask muddiness
- Applied bacterial concentrate to help control vegetation and breakdown organic matter
- # of pounds

Erosion:

- No Problems
- Stormwater outlet
- Undercutting of banks from wave action
- Bank sloughing
- Sediment from upstream

Drain:

- No Problems
- Needs outer sleeve
- Partially clogged
- Installed standpipe sleeve
- Cleaned drain

Erosion and Drain Notes:

Fish/Wildlife Observations:

Observed four large sterile grass carp.

Stocked Fish

- No Wildlife Observed
- Beaver
- Muskrat
- Geese
- Ducks
- Turtles
- Frogs
- Snakes

Notes:

- Set beaver trap(s)
- Removed beaver traps
- Set turtle trap(s)
- Removed turtle traps
- Set muskrat trap(s)
- Removed muskrat traps
- Collapsed muskrat holes

Other Activities:

Recommendations:

Client: Southern Village (School)

Date: 6/26/2006

Water Level: High

Water Level High (inches): 10

Water Level Low (inches):

Visibility (inches) 16

Alkalinity (ppm) 24

Hardness (ppm) 30

pH: 7.5

Temperature (F) 88

Appearance Scale (Poor 1 - 10 Excellent):

- Weather Observations:
- Sunny
 - Overcast
 - Windy
 - Rainy
 - Icy
 - Warm
 - Hot
 - Cool
 - Cold

- Aesthetic Observation:
- Good
 - Good but poor color
 - Surface film
 - Shoreline needs mowing

Other Aesthetic:

Color: Olive Brown

Buckets of Trash Collected:

Vegetation:

- No Problems
- Filamentous Algae (FA)
- Naiad
- Cyanobacteria (CB)
- Pondweed
- Watermeal
- Cattails
- Duckweed
- Bladderwort
- Hydrilla
- Primros
- Parrotfeather
- Pennywort
- Milfoil
- Lilies

Other Vegetation:

Notes:

- Applied algacide to control vegetation
- Added colorant to help shade out bottom growing vegetation and/or mask muddiness
- Applied herbicide to control vegetation
- Applied bacterial concentrate to help control vegetation and breakdown organic matter
- Placed barley log/pillow in water for algae control # of pounds

Erosion:

- No Problems
- Stormwater outlet
- Undercutting of banks from wave action
- Bank sloughing
- Sediment from upstream

Drain:

- No Problems
- Needs outer sleeve
- Partially clogged
- Installed standpipe sleeve
- Cleaned drain

Erosion and Drain Notes:

Fish/Wildlife Observations:

Stocked Fish

- No Wildlife Observed
- Beaver
- Muskrat
- Geese
- Ducks
- Turtles
- Frogs
- Snakes

Notes:

- Set beaver trap(s)
- Removed beaver traps
- Set turtle trap(s)
- Removed turtle traps
- Set muskrat trap(s)
- Removed muskrat traps
- Collapsed muskrat holes

Other Activities:

Recommendations:

Client: Southern Village (Wilson Creek)

Date: 6/26/2006

Water Level: Full

Water Level High (inches):

Water Level Low (inches):

Visibility (inches) 20

Alkalinity (ppm) 32

Hardness (ppm) 60

pH: 7

Temperature (F) 86

- Weather Observations:
- Sunny
 - Overcast
 - Windy
 - Rainy
 - Icy
 - Warm
 - Hot
 - Cool
 - Cold

Appearance Scale (Poor 1 - 10 Excellent):

- Aesthetic Observation:
- Good
 - Good but poor color
 - Surface film
 - Shoreline needs mowing

Other Aesthetic:

Color: Olive Brown

Buckets of Trash Collected:

Vegetation:

- No Problems
- Filamentous Algae (FA)
- Naiad
- Cyanobacteria (CB)
- Pondweed
- Watermeal
- Cattails
- Duckweed
- Bladderwort
- Hydrilla
- Primros
- Parrotfeather
- Pennywort
- Milfoil
- Lilies

Other Vegetation:

Notes:

A small amount of shoreline filamentous algae present - not at nuisance level.

- Applied algacide to control vegetation
- Added colorant to help shade out bottom growing vegetation and/or mask muddiness
- Applied herbicide to control vegetation
- Applied bacterial concentrate to help control vegetation and breakdown organic matter
- Placed barley log/pillow in water for algae control # of pounds

Erosion:

- No Problems
- Stormwater outlet
- Undercutting of banks from wave action
- Bank sloughing
- Sediment from upstream

Drain:

- No Problems
- Needs outer sleeve
- Partially clogged
- Installed standpipe sleeve
- Cleaned drain

Erosion and Drain Notes:

Fish/Wildlife Observations:

None observed.

Stocked Fish

- No Wildlife Observed
- Beaver
- Muskrat
- Geese
- Ducks
- Turtles
- Frogs
- Snakes

Notes:

- Set beaver trap(s)
- Removed beaver traps
- Set turtle trap(s)
- Removed turtle traps
- Set muskrat trap(s)
- Removed muskrat traps
- Collapsed muskrat holes

Other Activities:

Recommendations: