

Foster Lake and Pond Management

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

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

Date: **7/28/2006**

Water Level: High

Water Level High (inches): 3

Water Level Low (inches):

Visibility (inches) 13

Alkalinity (ppm) 32

Hardness (ppm) 15

pH: 8

Temperature (F) 78

- 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 Green

Buckets of Trash Collected:

Vegetation:

- | | | | |
|---|--------------------------------------|--|------------------------------------|
| <input 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 | | |
| <input type="checkbox"/> Pondweed | Other Vegetation: | | |

Notes:

Thick surface film at the head section of the pond.

- 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:

Pulled plastic bag away from drain holes.

Fish/Wildlife

Observations:

Stocked Fish

Observed 30-40 (2-6)" bluegill, one 18" sterile grass carp and dozens of mosquito fish.

- No Wildlife Observed
- Beaver
- Muskrat
- Geese
- Ducks
- Turtles 2
- Frogs 5
- 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:

Cut weeds along the pond edge.

Client: Southern Village (Glenn Heaven)

Date: 7/28/2006

Water Level: Full

Water Level High (inches):

Water Level Low (inches):

Visibility (inches) 13

Alkalinity (ppm) 40

Hardness (ppm) 45

pH: 8

Temperature (F) 78

- 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 Green

Buckets of Trash Collected:

Vegetation:

- | | | | |
|--|--------------------------------------|--|------------------------------------|
| <input 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 checked="" 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:

Fish/Wildlife Observations:

Stocked Fish

- No Wildlife Observed
- Beaver
- Muskrat
- Geese
- Ducks
- Turtles 2
- Frogs 22
- Snakes
- Set beaver trap(s)
- Removed beaver traps
- Set turtle trap(s)
- Removed turtle traps

Notes:

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

Other Activities:

Recommendations:

Client: Southern Village (School)

Date: 7/28/2006

Water Level: Full

Water Level High (inches):

Water Level Low (inches):

Visibility (inches) 12

Alkalinity (ppm) 32

Hardness (ppm) 30

pH: 8

Temperature (F) 77

- 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
 - Other Vegetation:
 - Hydrilla
 - Primros
 - Parrotfeather
 - Pennywort
 - Milfoil
 - Lilies

Notes: A small amount of surface film is present in one corner of the pond.

- 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: Observed dozens of 4-6" bluegill and hundreds of mosquito fish.

Stocked Fish

- No Wildlife Observed
- Beaver
- Muskrat
- Geese
- Ducks
- Turtles
- Frogs 20
- 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: 7/28/2006

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

Water Level: Full

Water Level High (inches):

Water Level Low (inches):

Visibility (inches) 14

Alkalinity (ppm) 40

Hardness (ppm) 45

pH: 8

Temperature (F) 79

Other Aesthetic:

Color: Olive Brown

Buckets of Trash Collected:

Vegetation:

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

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:

Hundreds of mosquito fish observed.

Stocked Fish

- No Wildlife Observed
- Beaver
- Muskrat
- Geese
- Ducks
- Turtles
- Frogs 5
- Snakes 1

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:

Cut around the edge of the pond.