

# Foster Lake and Pond Management

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

Client: **Southern Village (Wilson Creek)**

Date **5/10/2005**

Water Level: Full

Water Level High (inches):

Water Level Low (inches):

Visibility (inches) 18

Alkalinity (ppm) 56

Hardness (ppm) 60

pH: 8

Weather Observations

- Sunny
- Overcast
- Windy
- Rainy
- Icy
- Warm
- Hot
- Cool
- Cold

Temperature (F) 80

Appearance Scale (Poor 1 - 10 Excellent):

7

Aesthetic Observation:

- Good
- Good but poor color
- Surface film
- Shoreline needs mowing

Other Aesthetic:

Color: Olive Brown

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"/> Cattail     | <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:

Surface film consists of floating organic debris along some shorelines.

- 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

Several small swirls observed.

- No Wildlife Observed
- Beaver
- Muskrat
- Geese
- Set beaver trap(s)
- Removed beaver traps
- Ducks
- Turtles 10
- Frogs
- Snakes
- Set turtle trap(s)
- Removed turtle traps

Notes: Beaver dam above the pond has been reconstructed after I broke it apart last visit. One felled sweet gum tree 1" in diameter observed.

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

## Other Activities:

## Recommendations:

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

**Date 5/10/2005**

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) 18

Alkalinity (ppm) 48

Hardness (ppm) 60

pH: 9

Temperature (F) 80

Other Aesthetic:

Color: Olive Green

Buckets of Trash Collected:

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

Notes:

- Applied algaecide 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

- Notes:
- No Wildlife Observed
  - Beaver
  - Muskrat
  - Geese
  - Ducks
  - Turtles 4
  - Frogs
  - Snakes
  - 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 5/10/2005**

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) 22

Alkalinity (ppm) 48

Hardness (ppm) 60

pH: 9

Temperature (F) 76

Other Aesthetic:

Color: Brown

Buckets of Trash Collected:

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

Notes:

- Applied algaecide 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

- Notes:
- No Wildlife Observed
  - Beaver
  - Muskrat
  - Geese
  - Ducks
  - Turtles
  - Frogs 8
  - Snakes
  - 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 **5/10/2005**

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) 24

Alkalinity (ppm) 32

Hardness (ppm) 45

pH: 8.5

Other Aesthetic:

Color: Brown

Buckets of Trash Collected:

Temperature (F) 82

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

Notes:

- Applied algaecide 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: Thousands of tadpoles observed.

- 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:**