

August 12, 2008

Winslow Farm Community Association Board of Directors

Options for complying with city code to keep pond depths at 36"

Bids prepared by Rick Coppock, Bynum Fanyo

**Option 1 – pertains to all ponds with certification of depth**

Perform topographic survey to map the bottom of the ponds, including the water surface elevation, weirs, outlet structures and 10 feet up on the bank, by physically placing a man in the ponds to take field shots on a grid of approximately 25 feet across the ponds and at noticeable depth changes within the ponds

4 Days field crew time = \$ 2560.00

Take the field data and develop a contour map of the bottom of the ponds to determine depths and areas to be filled.

3 Days Office = \$1560.00

Stake areas to be filled in the field including distance from shore and depth of fill.

2 Days Field Crew \$ 1280.00

Have survey crew on-site and in pond to measure as fill is placed

2 Days \$ 1280.00

Cross section ponds on 25 foot grid to certify depth of ponds to be 36 inches or less.

4 Days Field Crew \$ 2560.00

Provide Certified Drawing of Ponds with depth measurements for record

2 Days Office \$1200.00

**Estimated Total \$10,440.00**

NOTE: This is an estimate and the actual times for surveying and verifying the pond depths will vary depending on the current depths of the ponds and the amount of fill that has to be placed in the ponds. (i.e. if the pond is currently 36" or less the pond will not need to be surveyed a second time to certify the depths which will decrease the time required to survey the ponds a second time after fill has been placed)

**Option 2 – pertains to only ponds 6 & 7 without certification**

Check and record the pond depths - \$1200.00

Lower the top of the outlet structure for the pond closest to Winslow Road - \$1980.00

This includes lowering the pond level to work on the structure, removing the steel grate from the top of the structure, cutting off the top of the structure, re-attaching the grate.

Install a pipe between the two ponds to lower the level of the second pond - \$2800.00

Includes parts, yard repair, equipment and labor.

**Estimated Total \$5,980.00**

SKS

8/12/08