

SCOPE OF SERVICES REQUESTED

General Instructions

The Town of Munster is looking for an experienced aquatic management company that specializes in lake/pond maintenance, to analyze what each pond needs and to treat it holistically according to an ever-changing formula specific to each lake/pond/ditch's ecosystem that is based on visual observation of clarity and weed and algae present, and chemical testing for key nutrient loads (phosphates & nitrates), dissolved oxygen and water & air temperatures.

For each body of water listed, contractor is to develop, implement and be responsible for results of an overall customized water management plan involving inspection, assessment, recommendation and chemical treatment for full season control of submersed common regional nuisance aquatic vegetation and controllable algae in the ponds, as well as inspection and treatment for common regional emergent nuisance vegetation for the specified rip-rap areas along the perimeter of any West Lakes Subdivision ponds and the Schoon Ditch. Scheduling of treatments to be considerate of any community/school/park activities that take place at various locations, particularly Centennial Park & Schoon Ditch.

Contractor is to produce & email appropriate reports describing treatments to each lake/pond/ditch and describing visible conditions found at each body of water, such as the presence of algae and wildlife, as well as conducting water quality tests for clarity (such as a Secchi disk to measure water transparency) prior to each treatment and explaining in layman terms what conditions are being treated based on the test results and what the expected treatment results should produce.

Lake/Pond/Ditch Maintenance

Program Specifications for the following Lakes/Ponds:

- West Lakes Subdivision – 1 lake, 4 ponds
- White Oak Estates Subdivision – 5 ponds
- White Oak Woods – 1 pond
- Centennial Park (Maynard Lake) – 1 lake
- Community Estates – 2 ponds

Description:

Program to include a biweekly (every other week) inspection & customized treatment to maintain acceptable control of nuisance aquatic vegetation during the 6 month (April through September) 2022 contract period. First inspection to begin by April 2 and final inspection to end by September 17 for a total of 13 inspections with 13 treatments following closely after each inspection. Season long biweekly proactive use and maintenance of lake dye is included.

Nuisance vegetation in this contract includes all submersed aquatic plants and floating /submerged filamentous algae which is visible from the surface or is interfering with the common uses of the lake. Proposal does not include physical removal of treated or untreated nuisance vegetation or emergent vegetation from the watercourse or banks, nor treatment of fluridone-resistant hydrilla, cattails, chara, duckweed or watermeal.

Emergent vegetation (such as cattails) will be controlled only if requested by the Town prior to entering into contract and such control is included in the OPTIONS section below. Control of duckweed and/or watermeal may require application of alternative herbicides and will incur additional charges with approval from the Town and such control is included in the OPTIONS section below.

Changes to the Above Specifications:

- West Lakes Subdivision – 1 lake, 4 ponds

Add: Season long treatment of emergent vegetation along any perimeter rip-rap banks also included (use same schedule outlined for Schoon Ditch).

- Centennial Park (Maynard Lake) – 1 lake

Add: Additional lake dye applications may be charged separately whenever requested by the Town, often before major functions/holidays at the park, when applied in addition to the standard Season long biweekly lake dye program.

Program Specifications for the following Ditches:

- Schoon Ditch at Fisher Street (Calumet Ave to Columbia Ave) – 1 linear ditch

Vendor will provide registered aquatic herbicides, spray adjutants, equipment, and licensed aquatic applicators to complete the Season long treatment of emergent vegetation along any rip-rap banks of the Schoon Ditch at Fisher Street. Application of herbicide will be completed in 5 monthly treatments beginning in April/May through August/Sept (weather permitting, first inspection & treatment to begin as early as April 16, with final inspection & treatment to end by August 27 for a total of 5 inspections with 5 treatments following closely after each inspection). Proposal does not include physical removal of treated or untreated nuisance vegetation or emergent vegetation from the watercourse or banks. If additional treatment is requested by the Town of emergent vegetation along any rip-rap banks of the Schoon Ditch at Fisher Street, it may be charged separately when applied in addition to the standard Season long monthly bank treatment of emergent vegetation.

To summarize Lake/Pond/Ditch Maintenance, Contractor is asked to provide several prices:

- 1) Lake/Pond/Ditch Maintenance Base Price (*fixed annual cost for main program described above*) = \$ _____
- 2) Itemized Price for Optional Services A,B,C,D (*described below*) = \$ _____

Product Information / Regulations / Warnings:

All products to be used in contractor's Lake/Pond/Ditch Maintenance program should be USEPA and State Regulatory Agency registered (or exempt from registration) and labeled for aquatic use. All applicators to be appropriately certified where required. Product(s) to be applied per label requirements and restrictions. Inspections will be scheduled approximately every 14 days in accordance with label restrictions.

Contractor to determine the proper treatment program at the time of inspection based on the weather and environmental conditions of the water. Material selection will be made with the Town and neighborhood water uses taken into consideration. Contractor responsible to provide and post temporary warning signs if required for any treatment that has water use restrictions. It is presumed that there are no restrictions following algae control treatments, unless otherwise informed.

All work to be accomplished in accordance with guidelines set forth by the state of Indiana. Compliance with all required licenses, permits and reporting requirements, including those under any applicable NPDES (National Pollutant Discharge Elimination System) permit, OSHA and/or the Department of Agriculture is the responsibility of the contractor. Operator liability limits are as required by the state of Indiana and Contractor to submit Insurance Certificate as part of this quote.

It is understood that Contractor utilizes reasonable and prudent chemical and mechanical control techniques, but cannot be responsible or liable for consequences resulting from circumstances beyond reasonable control (i. e. disregard of posted signs, vandalism, and unforeseen weather conditions.)

Optional Services:

Option A: *Additional lake/pond dye applications requested by the Town when applied in addition to the standard Season long biweekly lake dye program. Cost of material & labor per gallon applied = \$ ____90.00 per acre ____*

Option B: *Emergent weed control for cattails. Cost of material & labor per gallon applied = \$ ____195.00 per acre ____*

Option C: *Control of duckweed and/or watermeal. Cost of material & labor per gallon applied = \$ ____1185.00 per acre (Sonar), or \$340.00 per acre if Clipper ____*

Option D: *Additional emergent weed control for rip-rap banks of Schoon Ditch when applied in addition to the standard Season long monthly bank treatment program. Cost of material & labor per gallon applied = \$ ____332.00 per application ____*

Additional Requests:

Contractor is asked to provide the following information for your Quote/Proposal to be viewed as most thorough:

- Description of company (history, staffing, # of certified applicators, equipment, financial resources)
- References and summary of current Client list
- Examples of any difficult problems Contractor has solved
- Awards and/or published articles
- Willingness to hold Contract pricing the same beyond Year 1 by how many years (Years 2, 3, 4 etc)...or what price adjustments would you require for future years contract extensions?

Our company has been in business for 56 years. This office has 5 certified applicators.

We have serviced the Town of Munster for 25 of the last 26 years.

We have held our price for several years in a row. However in the current economic environment, I am not prepared to commit to anything beyond the current upcoming season.