

**POND MAINTENANCE  
SPECIFICATIONS**

## 2015 Pond Maintenance

### **General Specifications:**

The City of Dublin is seeking quotes to provide pond management on thirty-one (31) City owned public ponds.

Pond maintenance shall include biweekly treatments of ponds to insure pondweeds and algae are controlled at levels that are both healthy and aesthetically pleasing. Ponds are not expected to be kept weed free; however, quantities of weeds and algae must be low enough to allow recreational fishing and have the appearance of a well-maintained pond. In addition, pond maintenance shall include blue dye treatments at quantities and frequencies to sustain a dye level of one part per million. Many of these ponds are retention ponds. During periods of rainfall, these ponds are charged by neighborhood and street runoff and discharged into area streams. Water "turnover" can be excessive. Frequent applications of pond dye are required during these times.

**Treatments are to begin April 6, 2015 and conclude October 30, 2015.**

Biweekly treatment of ponds is to mean treatment of each entire pond every two weeks with a liquid algaecide as well as use of herbicides in areas where pondweeds are present. Spot treatment may be used in addition to the biweekly treatments in specific areas of ponds where weeds and algae are unusually difficult to control. The contractor must request approval for a reduction in treatment of certain specific ponds if weather conditions prohibit full treatment and/or weed and algae populations do not warrant full treatment.

Pond dye shall be applied as often as necessary to maintain a level of one part per million. Pond dye must be blue.

Spray equipment used to apply chemicals must provide adequate pressure to break up weed and algae "mats". Liquid algaecide is expected to be applied directly on to algae mats. In addition, any type of equipment used to apply chemicals must have means of quantifying the amount of material applied to each pond. Accurate calibration of equipment and correct chemical application quantities is necessary.

Use of chemicals that prohibit swimming, wading, fishing, and/or require pond entry to be limited or restricted is prohibited. Seven of the thirty-one ponds are utilized for irrigation. In these ponds, the use of chemicals that restrict or eliminate irrigation is prohibited. The City of Dublin must approve all chemicals

and dye prior to use. Material Safety Data Sheets and labels of all materials must be provided to the City of Dublin at least 48 hours prior to use.

Pond maintenance shall be done Monday through Friday between 8am and 5pm.

The contractor will be required to provide the City with a bi-weekly schedule of when they will be on-site to treat the ponds. City staff will routinely make field visits to ensure compliance throughout the contract period.

As part of this agreement, the contractor must remove trash and litter in the ponds and on the pond banks at least once every two weeks. Trash and litter is to be disposed of off site.

Contractor must be NPDES compliant and will be required to provide a Chemical Usage Report to City of Dublin that identifies all chemicals used to in the ponds throughout the year and the total quantities used. This report is due to the City by November 16, 2015.

All chemical applicators treating Dublin ponds must hold a current public or commercial applicator license issued by the State of Ohio, Department of Agriculture Division of Pesticide Regulation with categories CORE and 3A.

Chemical application signs will be posted at a minimum of two places around each pond at the start of each chemical application. Signs must be removed in 24 hours or as soon as the chemical label allows. Signs must clearly display company name and phone numbers. Contractor must be able to respond on-site to any contracted pond within one hour in the case of an emergency.

Chemical application records shall be kept in accordance with the State of Ohio, Department of Agriculture, Division of Pesticide Regulation requirements. In addition, the City of Dublin requires pond dye applications be documented on application records. A copy of the pond treatment records shall be forwarded to the City of Dublin within 48 hours of each application. Applicators license number must accompany each application record.

Trucks and other equipment used to apply chemicals to ponds shall have the company name and/or logo clearly displayed. All trucks and/or equipment must display a working strobe light during applications.

Any damage to turf, curbs, bike paths, sidewalks, landscape beds or other city property as a result of chemical applications shall be the responsibility of the contractor to repair to the satisfaction of the City of Dublin.

The Contractor shall be responsible at all times to conduct the work and keep the work site in compliance with federal, state and local safety laws and regulations, including, but not limited to Occupational Safety and Health Administration (OSHA) requirements.

The Contractor shall adhere to the requirements for maintaining traffic as indicated in the "Ohio Manual of Uniform Traffic Control Devices for Streets and Highways," and the City of Dublin Work zone Traffic Control Program, latest revision(s). In addition, all personnel must have appropriate clothing such as orange safety vests or shirts with safety reflective materials.

**Barricades and Warning Signs:** The Contractor will be required to provide, erect, maintain (in proper position, clean, legible and good working condition) and remove all lights, signs, barricades and all other traffic control devices necessary to the maintenance of traffic. All traffic control devices shall conform to Part 7 of the OMUTCD for Streets and Highways as amended, as required under Ohio Revised Code Section 4511.09.

### **Worker's Compensation Insurance**

Before beginning work, the Contractor shall furnish to the City satisfactory proof that he/she has, for the period covered under the Contract, full Worker's Compensation coverage for all persons whom he/she may employ directly, or through subcontractors, in carrying out the work contemplated under the Contract, and shall hold the City free and harmless for all personal injuries of all persons whom the Contractor may employ directly or through subcontractors.

### **References**

Contractor will be required to provide references of pond management relative to size and scope of Dublin's specifications.

### **Please direct questions to:**

Matt Dunbar - [mdunbar@dublin.oh.us](mailto:mdunbar@dublin.oh.us) or Jay Anderson - [janderson@dublin.oh.us](mailto:janderson@dublin.oh.us)  
City of Dublin  
Division of Parks and Open Space  
6555 Shier Rings Road  
Dublin, Ohio 43016  
(614) 410-4700

### **Specific Pond Information:**

Pond measurements are approximate measurements.

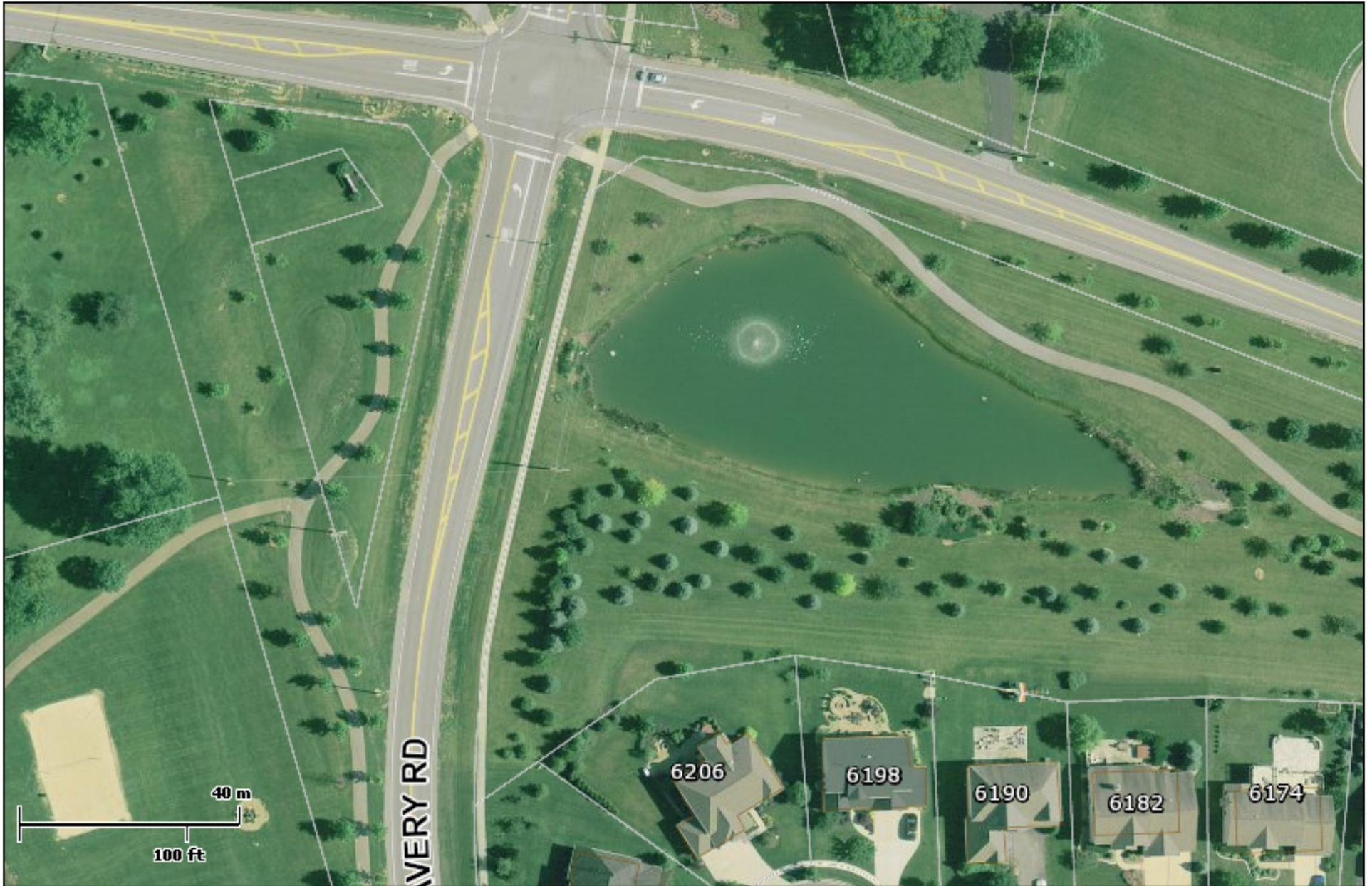
| <b><u>Pond Name</u></b> | <b><u>Surface Acres</u></b> | <b><u>Acre Feet</u></b> | <b><u>Average Depth</u></b> |
|-------------------------|-----------------------------|-------------------------|-----------------------------|
| Wellington West         | .54                         | 2.9                     | 5.37                        |
| Wellington East         | .74                         | 4.45                    | 6.02                        |
| Wyndam South            | .54                         | 3.02                    | 5.6                         |
| Llowell Trace           | 1.05                        | 3.69                    | 3.5                         |
| Hawks Nest W            | .51                         | 2.2                     | 4.3                         |
| Hawks Nest E            | .29                         | 1.33                    | 4.57                        |
| Avery/Brand Rd.         | .38                         | 1.66                    | 4.37                        |
| Belvedere               | .6                          | 2.76                    | 4.6                         |
| 33/Avery Rd. N          | .94                         | 7.2                     | 7.66 (used for irrigation)  |
| 33/Avery Rd. S          | 1.22                        | 11.82                   | 9.69 (used for irrigation)  |
| Manteo Drive            | .08                         | .30                     | 3.96                        |
| Kendal Ridge            | .93                         | 5.97                    | 6.23 (used for irrigation)  |
| Ballantrae              | 3.27                        | 20.64                   | 5.97 (used for irrigation)  |
| Heather Glen North      | .95                         | 5.69                    | 6.00                        |
| Balgrifin               | .35                         | 1.75                    | 5.00                        |
| Bishop Crossing         | 3.22                        | 15.78                   | 4.9                         |
| Post Preserve 1         | 4.15                        | 27.39                   | 6.6                         |
| Post Preserve 2         | .79                         | 5.85                    | 7.4                         |
| Cramers Creek           | 2.3                         | 14.72                   | 6.4                         |
| Sandwich Ct.            | .56                         | 4.2                     | 7.5                         |
| Westbury E.             | .18                         | .75                     | 4.16                        |
| Westbury W.             | .70                         | 3.22                    | 4.6                         |
| Conine Rd               | 1.2                         | 10.44                   | 8.7 (used for irrigation)   |
| Shannon Glen            | .18                         | .88                     | 4.88                        |
| Gordon Farms            | .27                         | 1.05                    | 3.89                        |
| Belvedere E.            | .6                          | 2.76                    | 4.6                         |
| Belvedere W.            | 2.46                        | 10.55                   | 4.29                        |
| ShierRings/Emerald      | .95                         | 5.49                    | 5.78                        |
| Red Trabue SW           | .54                         | 3.93                    | 7.28                        |
| Park Place              | 1.9                         | 8.55                    | 4.5                         |
| Justice Center NW.      | .36                         | 1.99                    | 5.88 (used for irrigation)  |
| Justice Center SE.      | .23                         | 1.22                    | 5.33 (used for irrigation)  |



## 33/Avery Rd. North and South

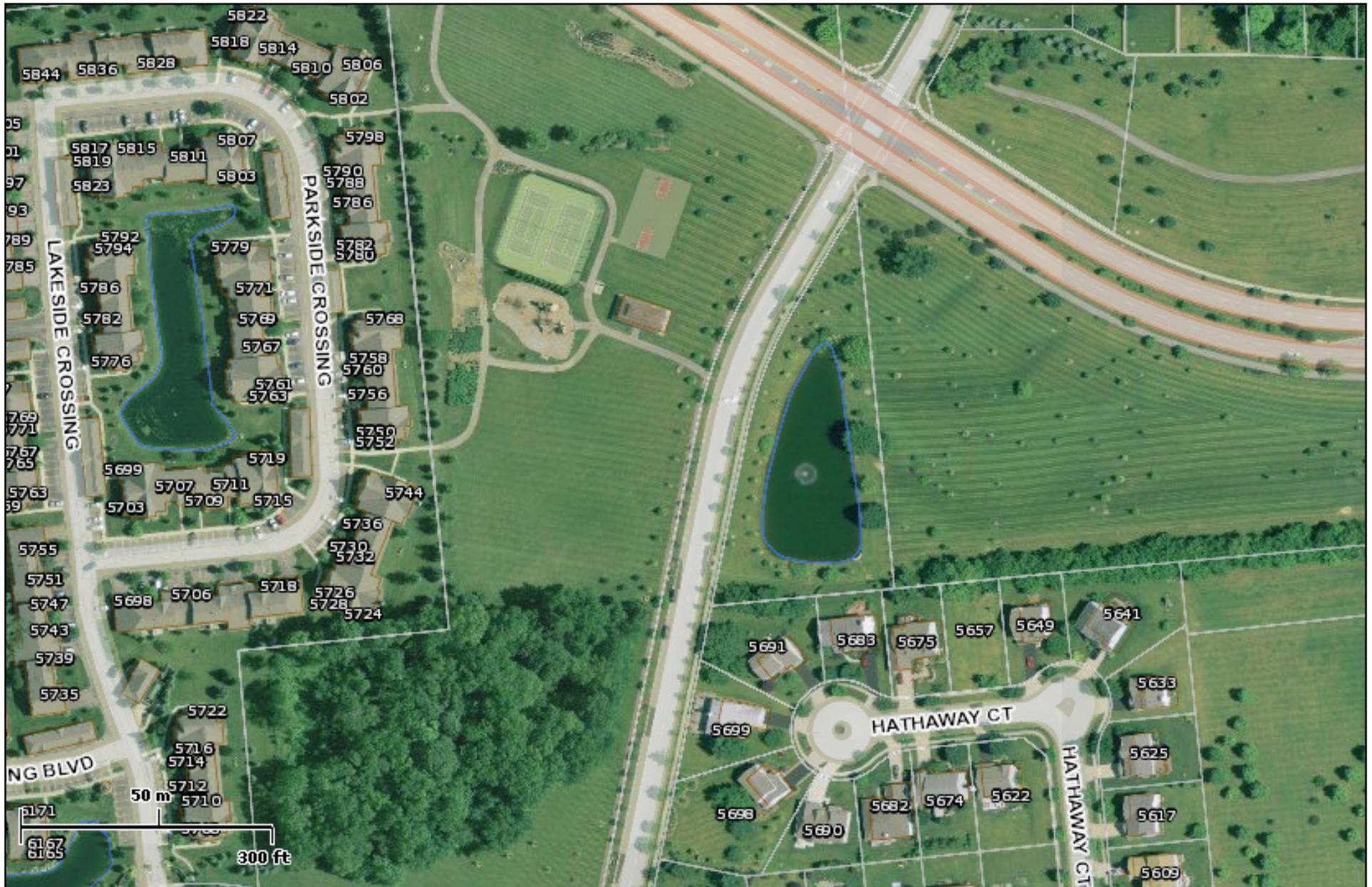


Geographic Informations Systems  
gis@dublin.oh.us  
614-410-4447



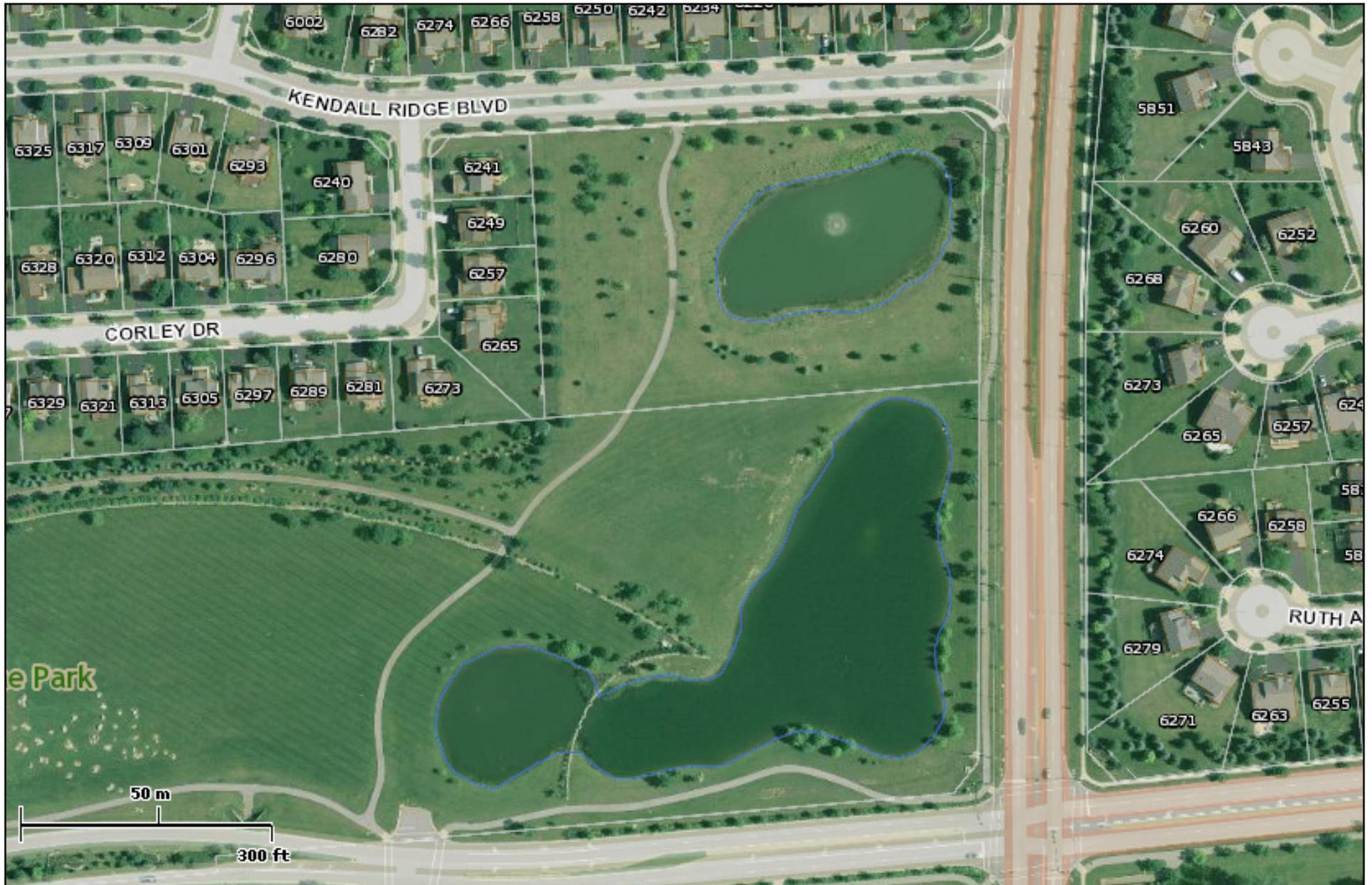
Avery Brand Road Pond





Balgriffin Pond





## Ballantrae Pond

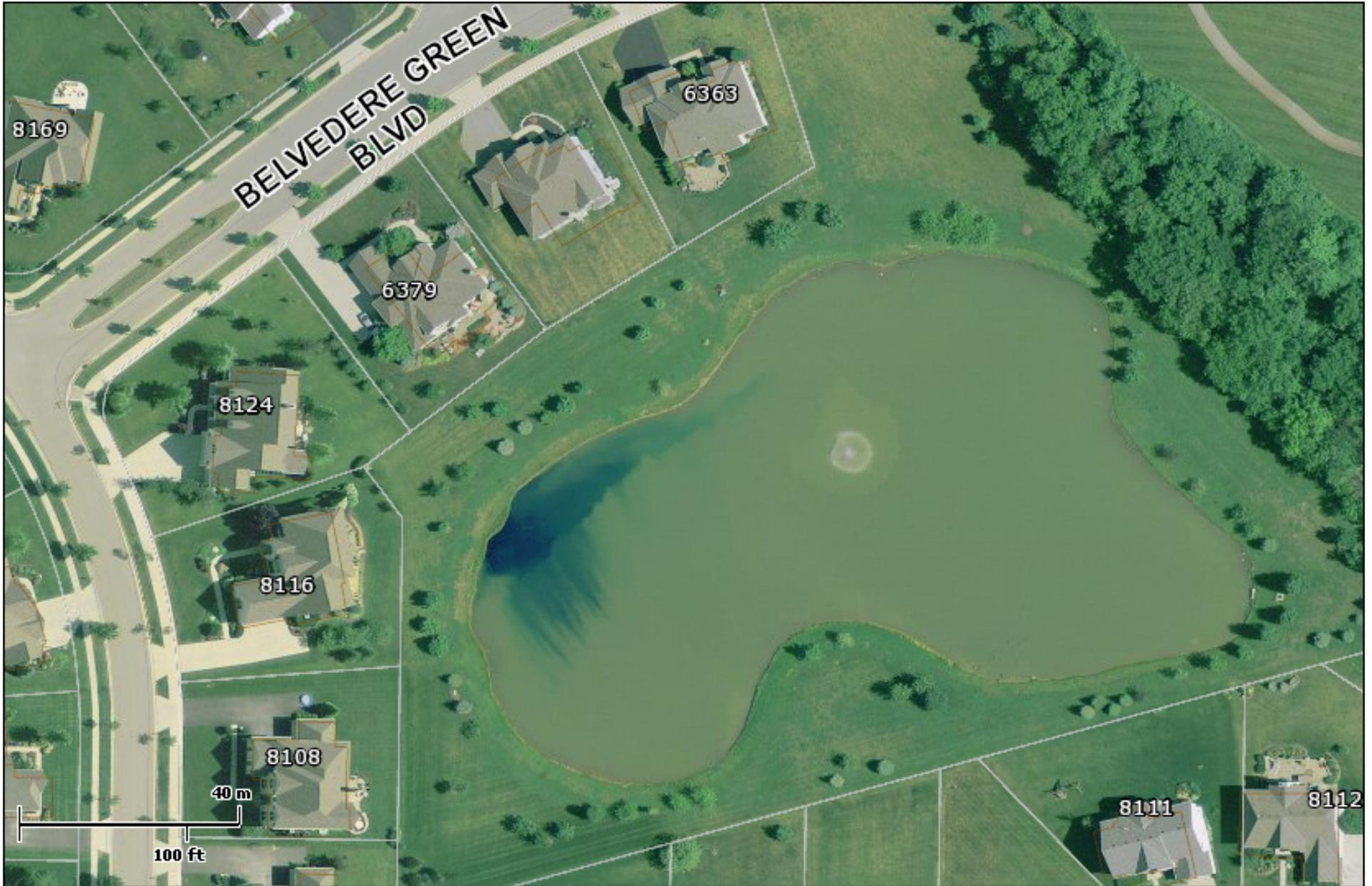




## Belvedere East Pond

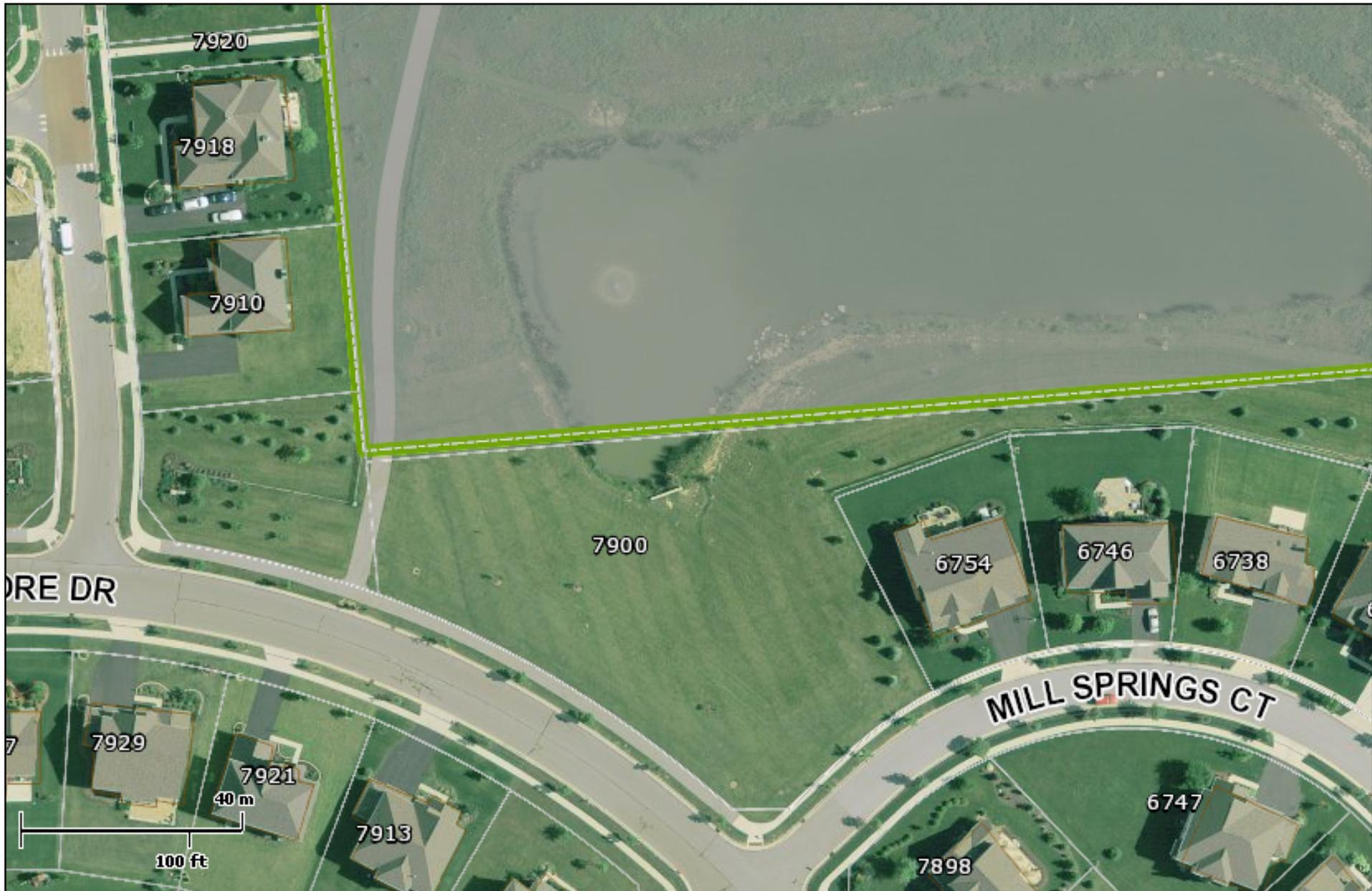


Geographic Informations Systems  
gis@dublin.oh.us  
614-410-4447



## Belvedere West Pond





## Bishop Crossing Pond

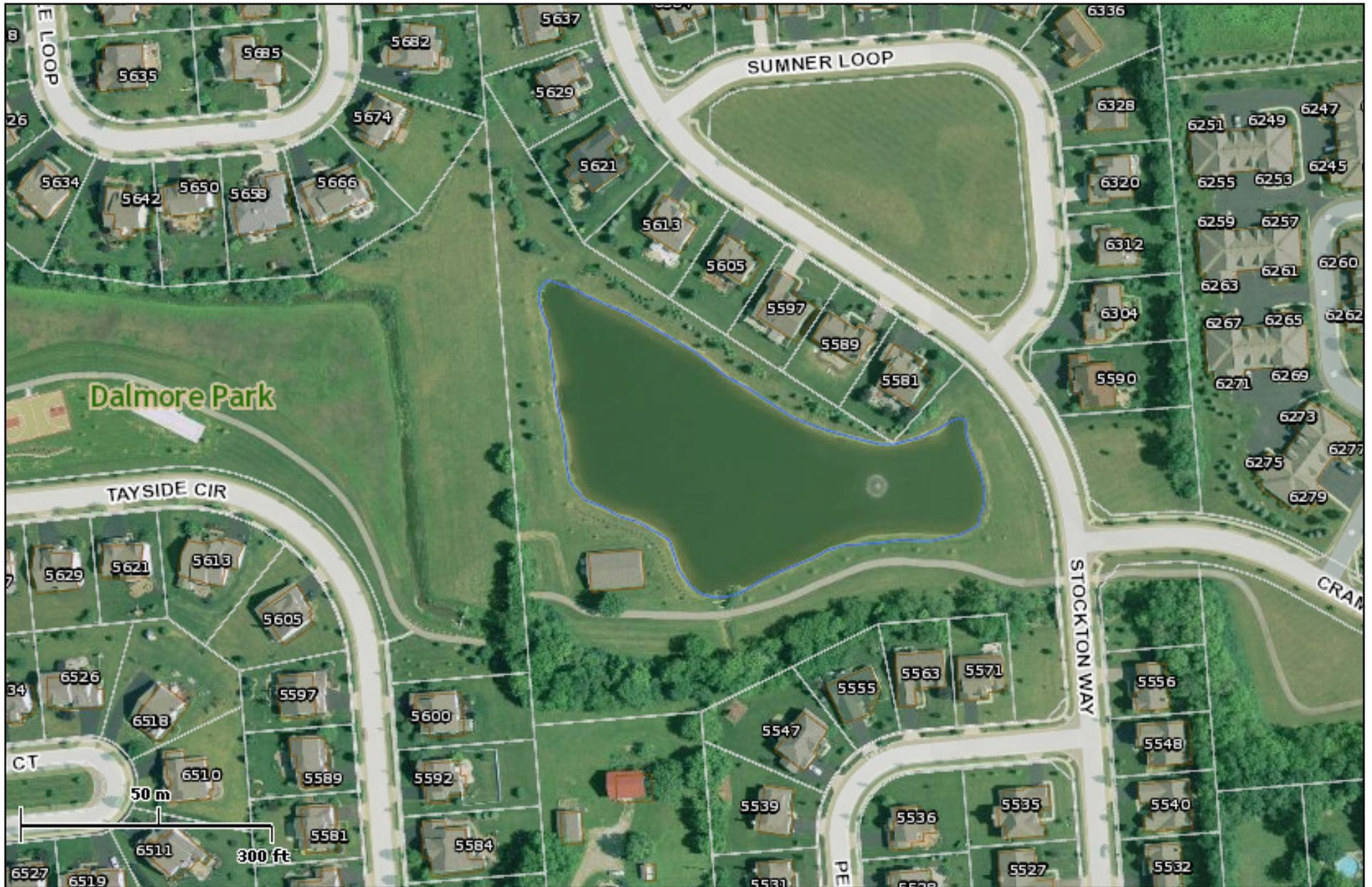




Wedgewood Glen  
Park

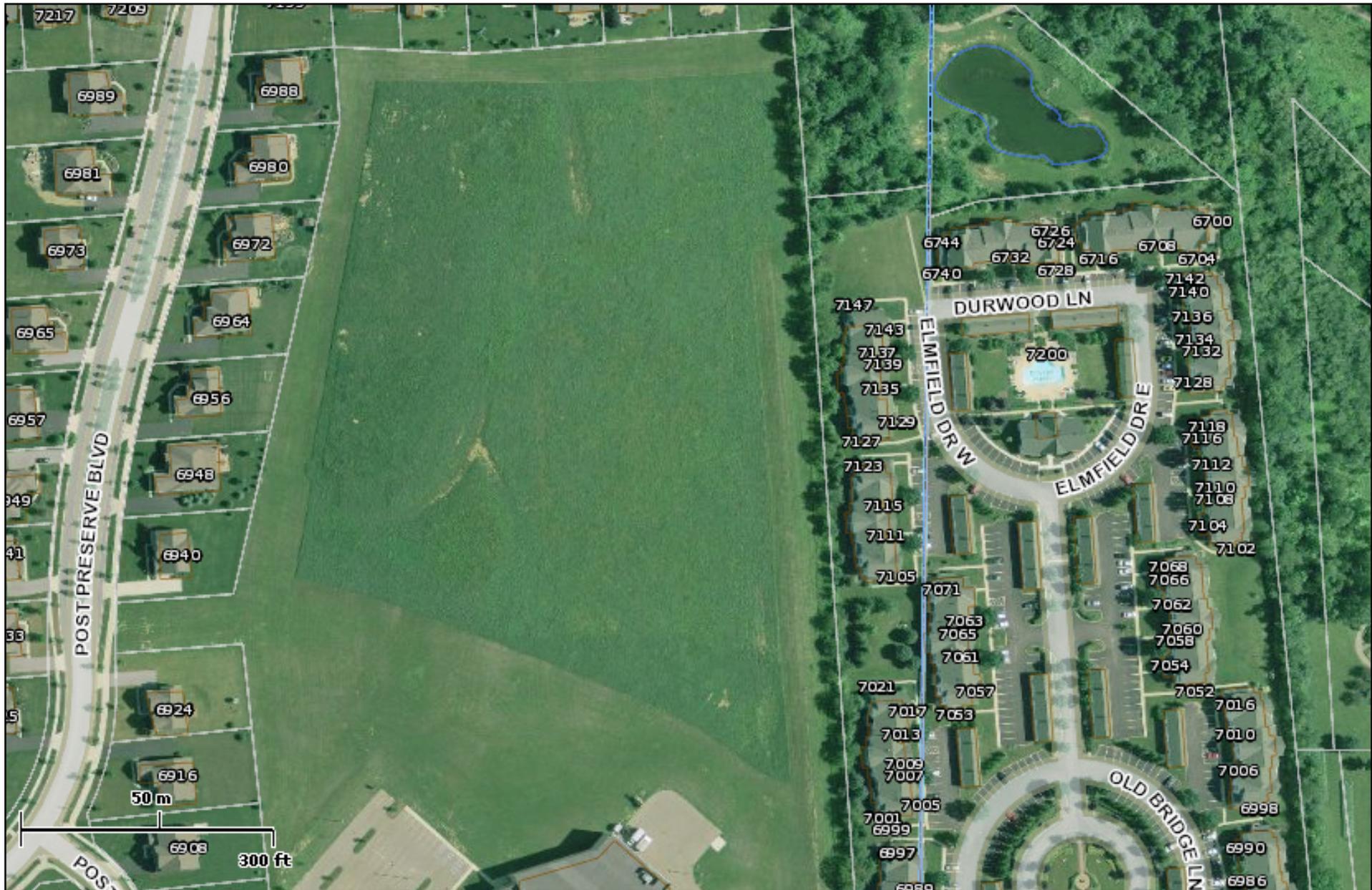
Conine Rd. Pond





## Cramer's Creek Pond





### Gordon Farms Pond



Geographic Informations Systems  
 gis@dublin.oh.us  
 614-410-4447



### Hawk's Nest East and West Ponds



Geographic Informations Systems  
gis@dublin.oh.us  
614-410-4447



Heather Glen North Pond

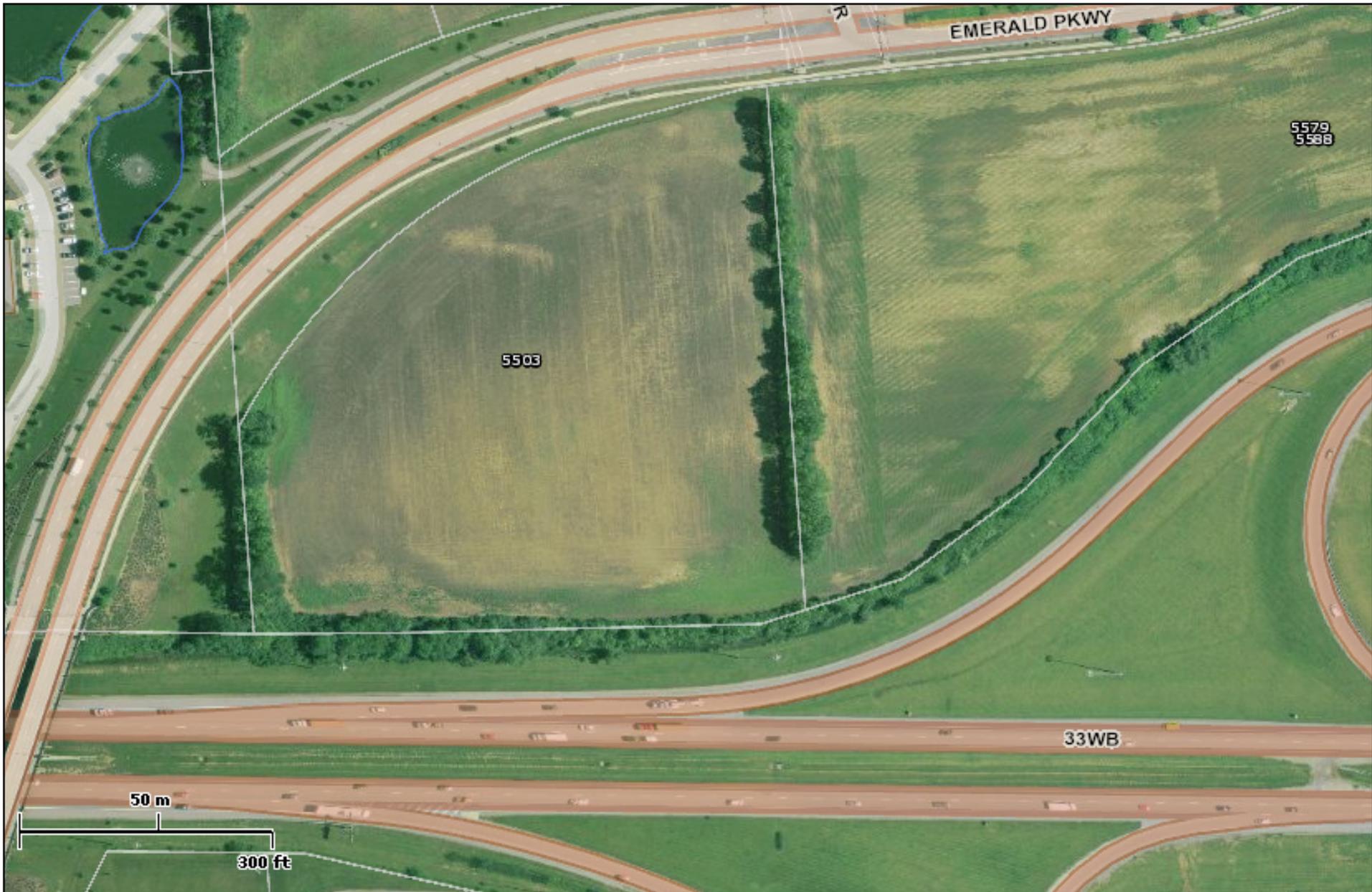




## Justice Center NW Pond



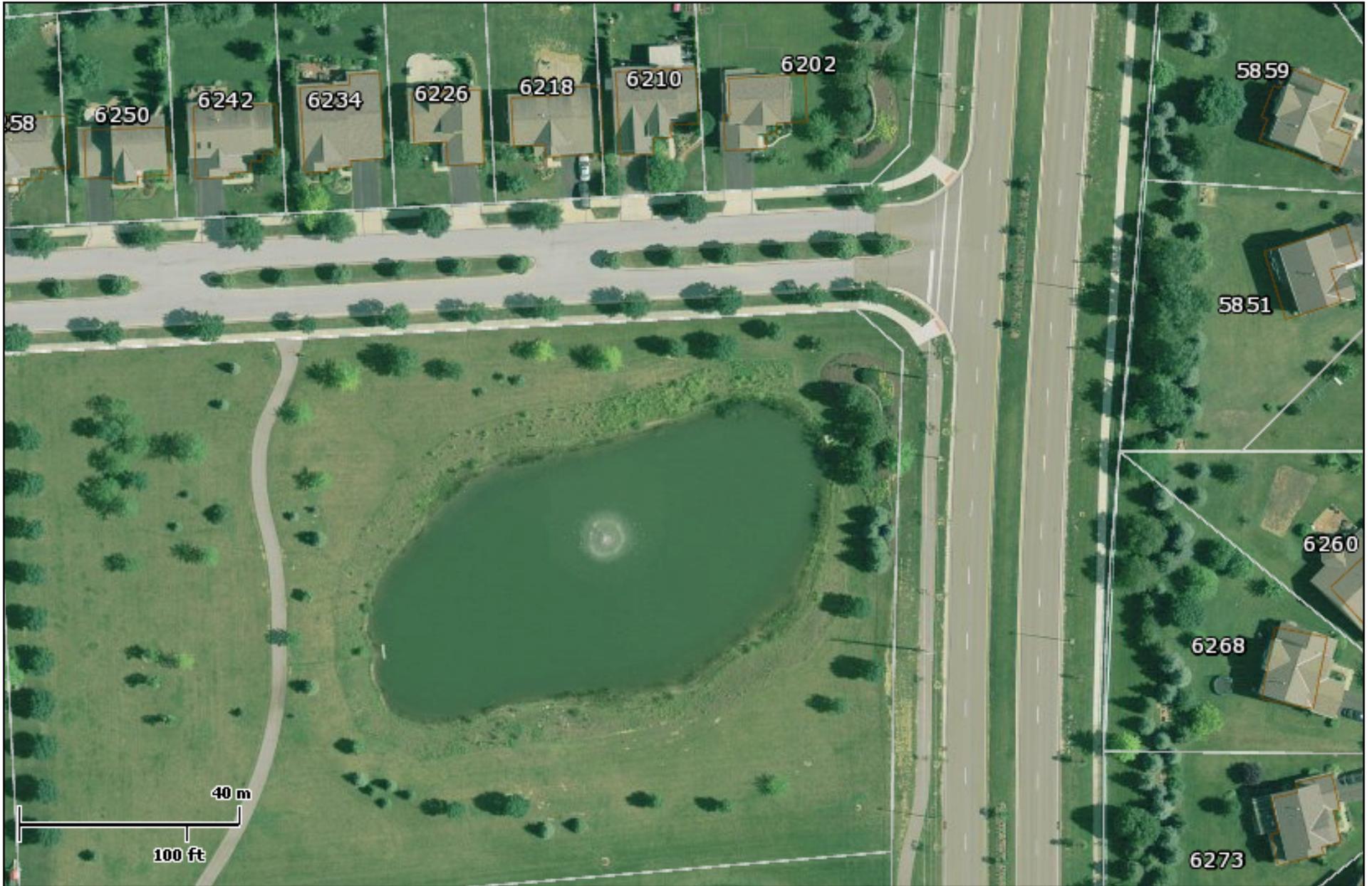
Geographic Informations Systems  
gis@dublin.oh.us  
614-410-4447



## Justice Center SE Pond



Geographic Informations Systems  
gis@dublin.oh.us  
614-410-4447



## Kendall Ridge Pond





Lowell Trace Pond





## Manteo Drive Pond

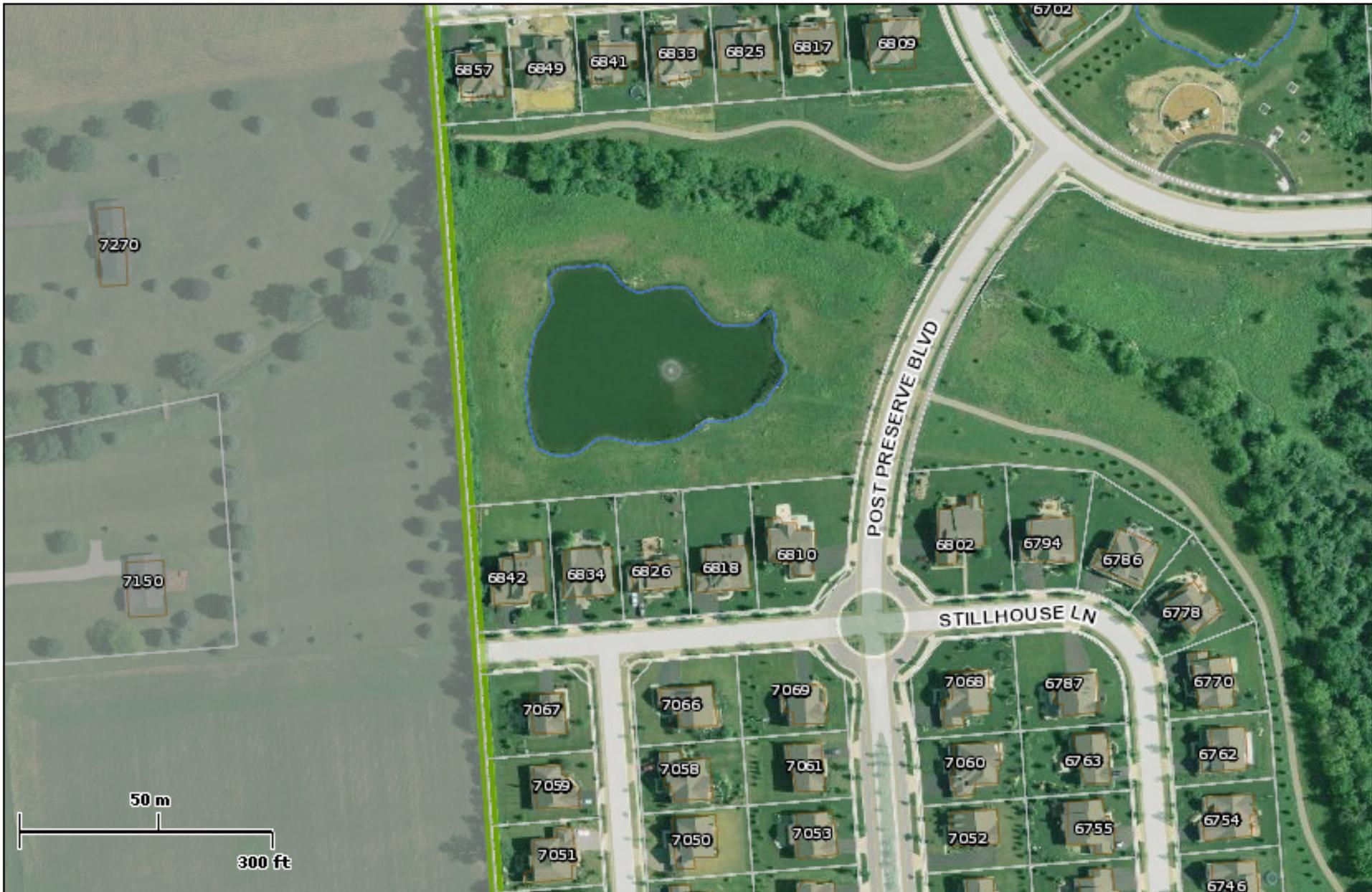




## Park Place Pond







Post Preserve 2 Pond





Red Trabue SW Pond





Sandwich Ct. Pond

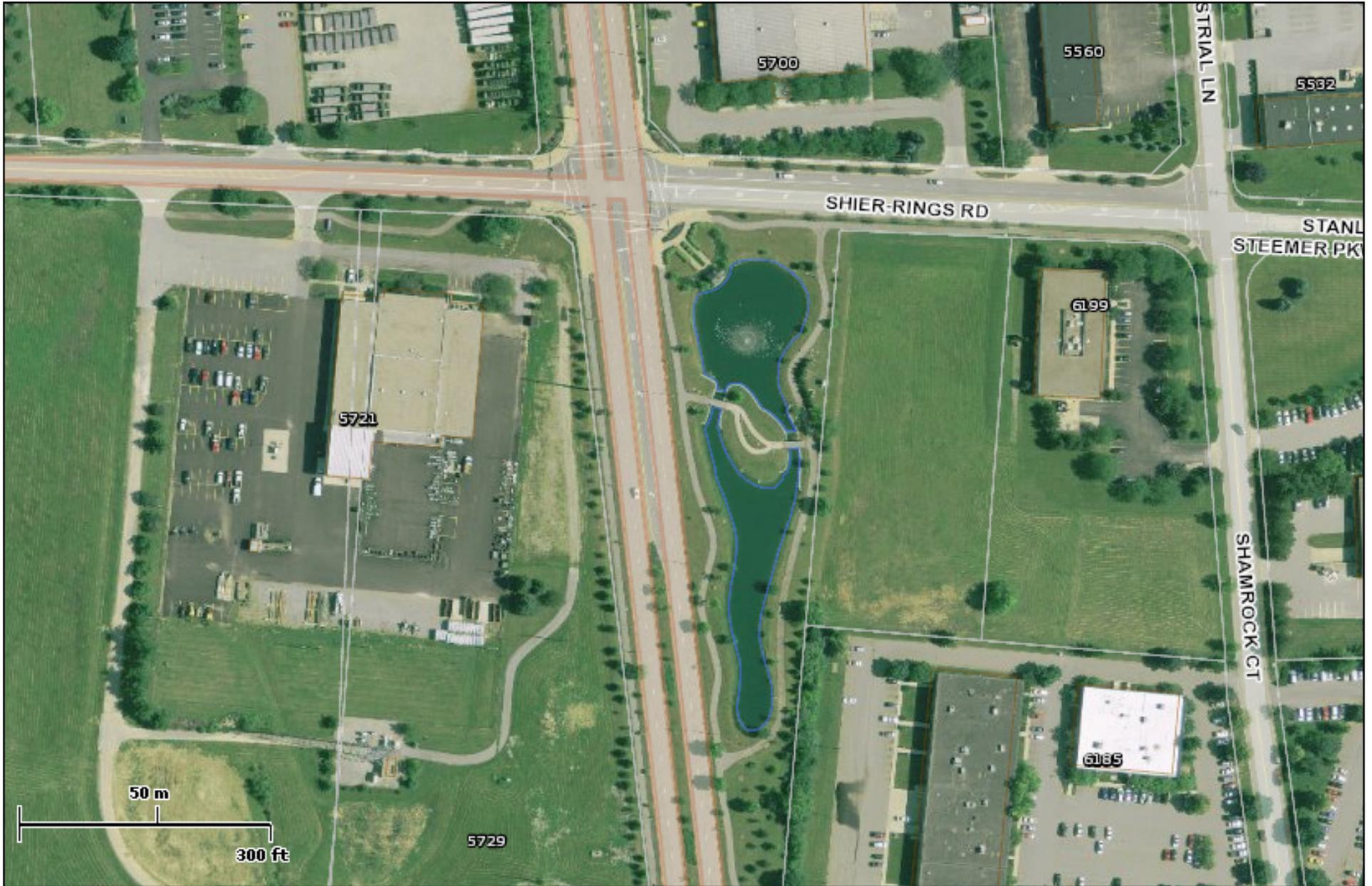




## Shannon Glen Pond



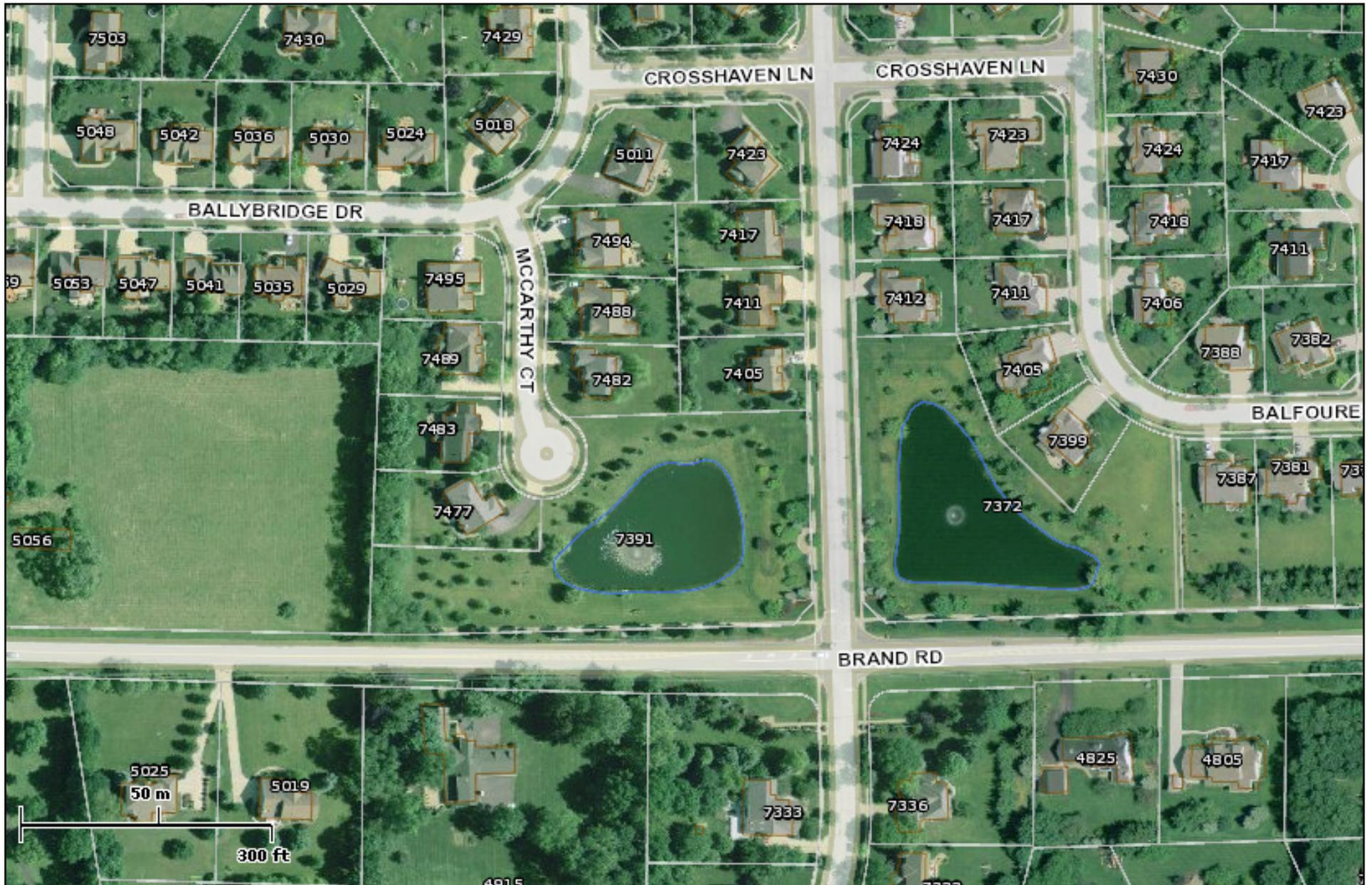
Geographic Informations Systems  
gis@dublin.oh.us  
614-410-4447



## Shier-Rings Emerald Pond

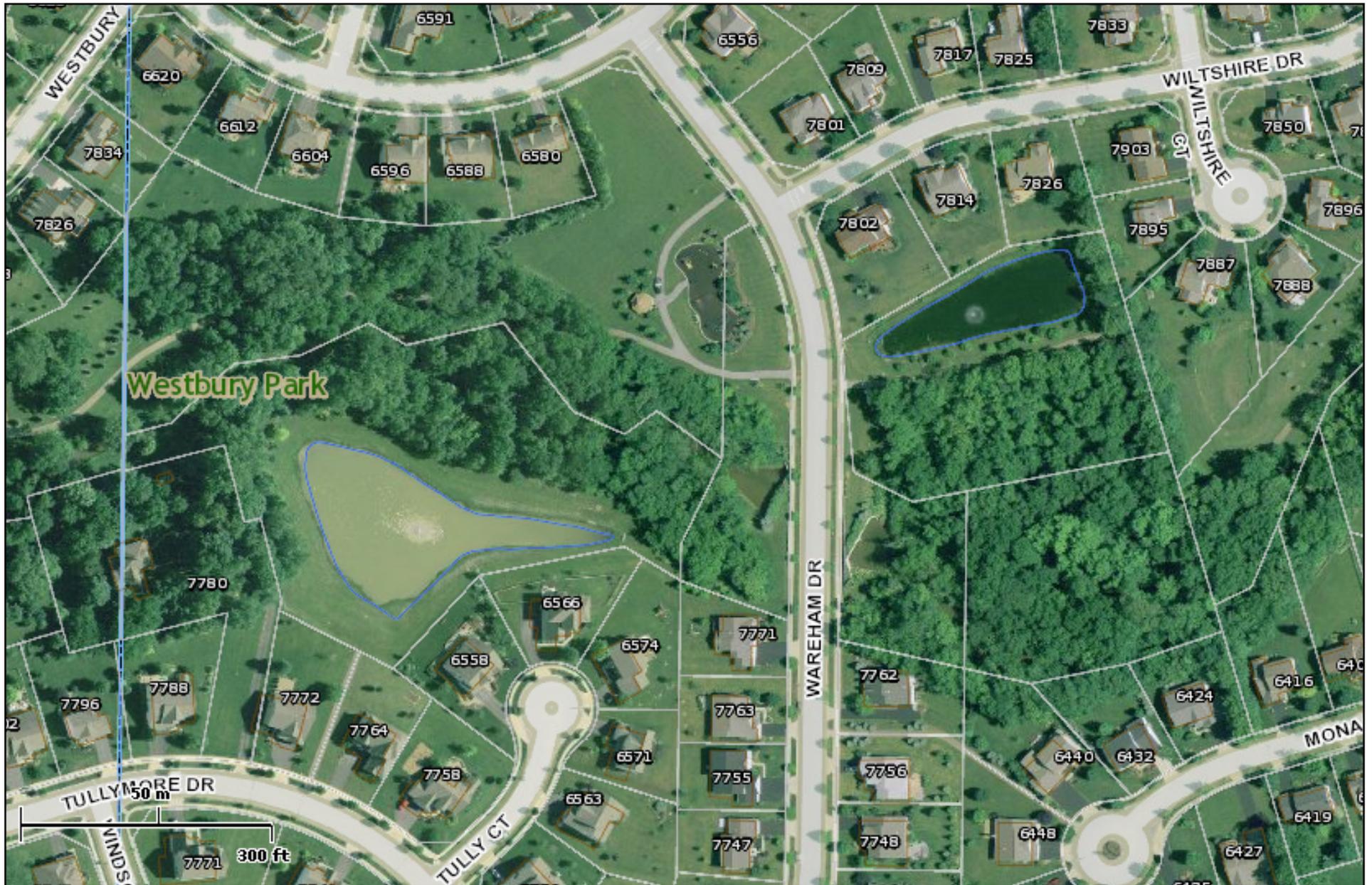


Geographic Informations Systems  
gis@dublin.oh.us  
614-410-4447



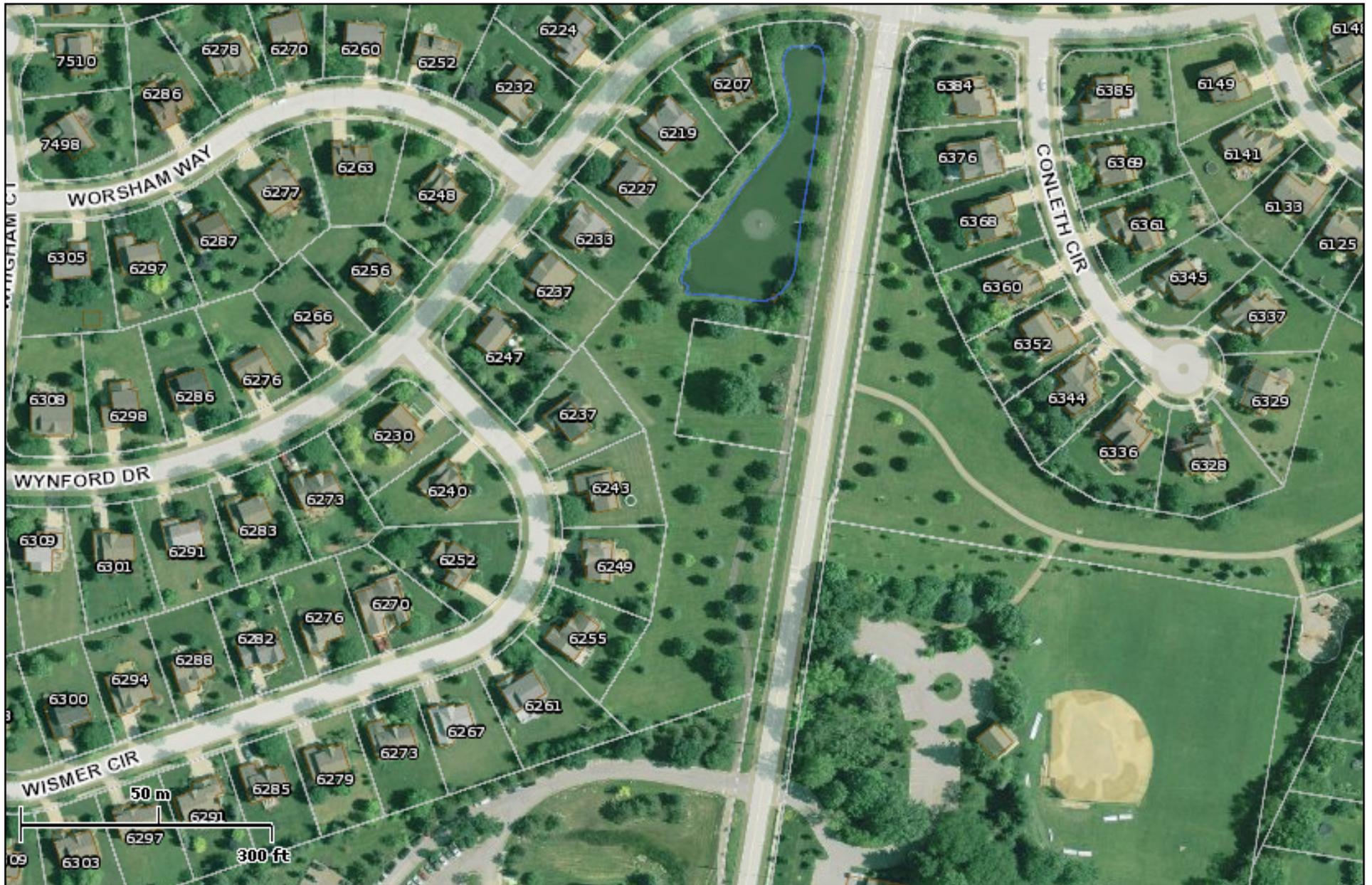
## Wellington East and West Ponds





## Westbury East and West Ponds





## Wyndham South Pond



## **EXPERIENCE RECORD/REFERENCES**

NOTE: Bids from contractors inexperienced in this particular type of work will not be considered.

Complete the following information with respect to previous purchasers.

**1. Name of Person to**

Contact for Reference: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: (     ) \_\_\_\_\_

**2. Name of Person to**

Contact for Reference: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: (     ) \_\_\_\_\_

**3. Name of Person to**

Contact for Reference: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: (     ) \_\_\_\_\_