



Dakota County Wetland Health Evaluation Program

Print Form

2011 Site Identification Form (please use a different form for each wetland)

Date: March 2011

City: Eagan

Contact: Jessie Koehle

Email: jkoehle@cityofeagan.com

Phone: 651-675-5320

Wetland Number: E-20

Wetland Name: Shanahan Lake FP-8

Please use initials of city + 1, 2, 3, or 4, i.e., AV-1. Do not change numbers from one year to the next. Just add a new number for a new wetland, i.e. AV-6 without using numbers from earlier years. Also, do not change the name from one year to the next.

Size of wetland (acres): 10.9 acres

Longitude: 93.109650 Latitude: 44.852565

Wetland type (3, 4, or 5): 4

Reference Site? Yes No

Monitored before? No Yes, in:

<input type="checkbox"/> 1997	<input type="checkbox"/> 1998	<input type="checkbox"/> 1999	<input type="checkbox"/> 2000
<input type="checkbox"/> 2001	<input type="checkbox"/> 2002	<input type="checkbox"/> 2003	<input type="checkbox"/> 2004
<input checked="" type="checkbox"/> 2005	<input type="checkbox"/> 2006	<input type="checkbox"/> 2007	<input type="checkbox"/> 2008
<input type="checkbox"/> 2009	<input type="checkbox"/> 2010		

Name of Watershed: Gun Club Lake Watershed

Watershed size (acres): 56.4 acres Percent impervious surface in watershed: ~1% in direct wshed

Ownership: "Eagan Heights LLC" (commercial development) Public Private

Inlet locations: 1 coming in on south shore, about in the middle of the lake, another at the farthest western tip of the wetland

Outlet locations: 1 going out on the north shore, at about the middle of the largest central bay

Is wetland included in the city's storm water management plan? Yes No

Does the city have a wetland management plan? Yes No

If yes, how is this wetland designated: Class IV - Wildlife Habitat

Wetland management goal: Protect water quality of wetland from current and future development.

Types of disturbances (current or future land use impacts):

When sampled in 2005, there were no inlets, outlets, and watershed was almost zero impervious surface. Now a bunch of trees were cut down, there is a commercial development going in nearby with roads and stormwater ponds, and more development is likely in future, possibly residential as well, closer to the lake. Some raingardens have been installed but functionality was questionable when they were first put in place.

Physical Characteristics (landscape, habitat, significant features, etc.):

immediate shoreline has wooded and grassy buffers. Upland area is part wooded, part clearcut open land, and part commercial development.

BMPs in place:

Conservation easement established in direct buffer and lake area in 2008. Wooded and grassy buffer area. Raingardens nearby but not in direct watershed.

Concerns to note: Possible for lots of future development.

**Please return this form, directions to the site,
and an aerial map (if not previously submitted) by March 25, 2011 to:**

Paula Liepold, Dakota County Water Resources Department,
Western Service Center, 14955 Galaxie Ave., Apple Valley, MN 55124

Questions? contact by phone: 952-891-7117 or email: paula.liepold@co.dakota.mn.us

E-20: Shanahan Lake (WHEP 2011)



Date: March 2011
Prepared By: JKoehle
City of Eagan Water Quality
File: I:\...\jessie\WHEP sites 2011.mxd

0 125 250 500 Feet
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Driving directions to Shanahan Lake: (which way we choose may depend on getting Ecolab's permission to access the property, or the ease of access from the commercial area. TBD but city staff will communicate with team leaders on recommended access point.

FROM ECOLAB:

Go east on Lone Oak Road past Lexington Ave, past Hwy 55. Turn left on Lone Oak Drive, and then turn right into the Ecolab complex. Go to the easternmost parking lot and walk to the western edge of the lake.

FROM COMMERCIAL AREA:

Go east on Lone Oak Road past Lexington Ave, past Hwy 55. Turn left on Ames Crossing Rd and drive as far north and west as possible to reach a point where you can walk to the western edge of the Lake.