









2021 ALLIANCE GENEVA LAKES PROJECTS

Shoreland Zoning Jurisdictional Changes

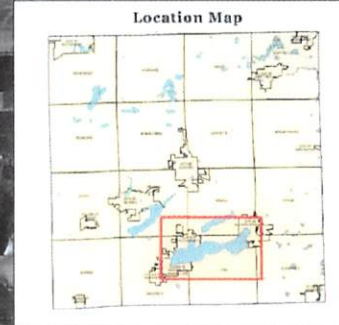
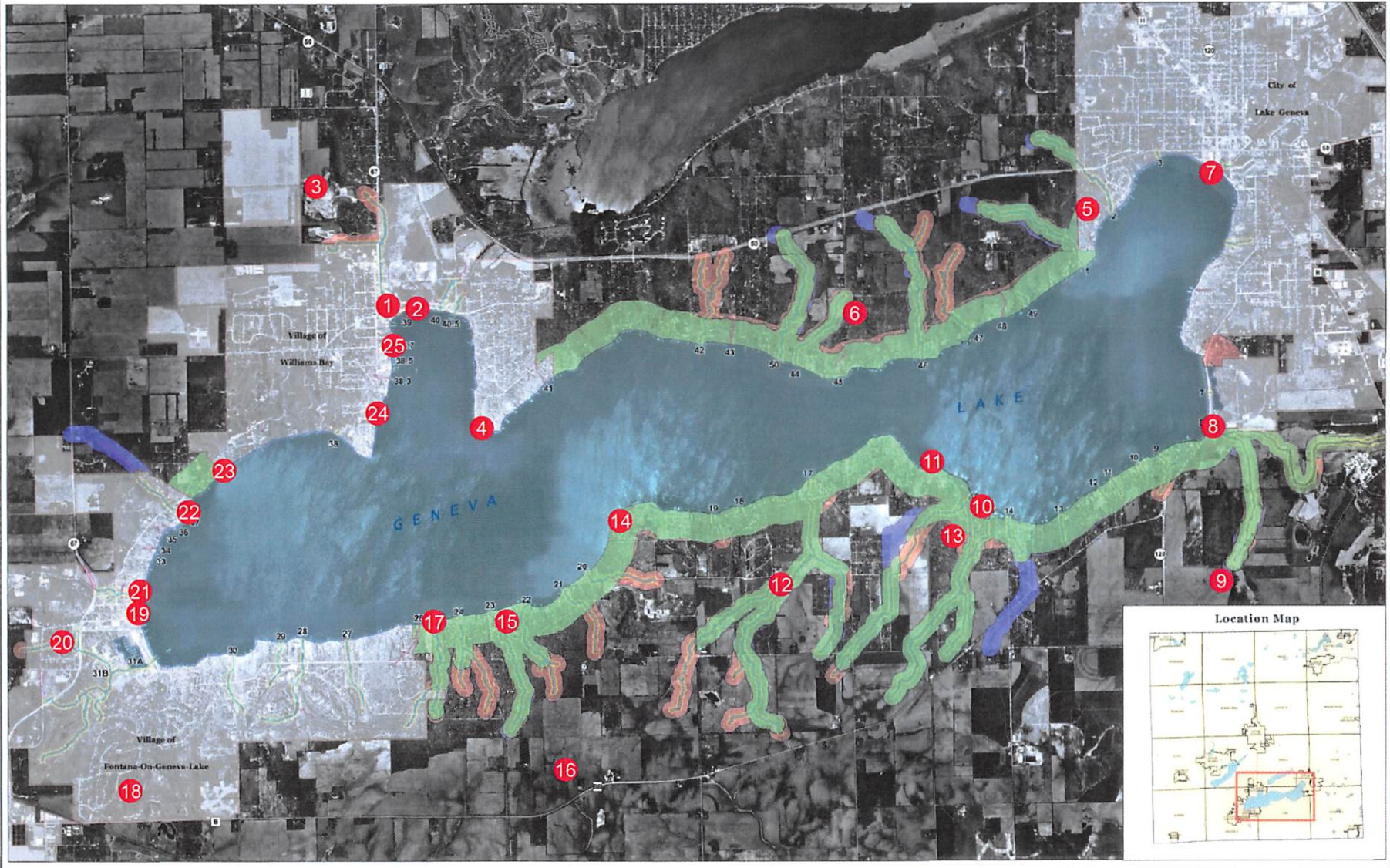
Per the 2002 DNR/GLEA Navigability Study

- | | | |
|---|---|---|
|  | Waterway Determined To Be Navigable | Changes in Shoreland Jurisdiction |
|  | Waterway Determined To Be Non-Navigable |  Area Added To Jurisdiction |
|  | Geneva Lake |  Area Subtracted From Jurisdiction |
|  | 75 Foot Setback From Navigable Stream |  No Change in Jurisdiction |
| | |  Incorporated Areas |

The Wisconsin Department of Natural Resources in cooperation with the Geneva Lake Environmental Agency (GLEA) conducted a navigability study of all the known tributaries to Geneva Lake. The study included field investigations of the tributaries to determine whether they were navigable or not. The fieldwork was conducted from July through August in 2001 and also from June through August in 2002. The original map was completed by the DNR in December 2002 and revised in July 2004 by the Walworth County Land Information Office.



Date of Orthophotograph: April 2000
Prepared by the Walworth County Information Systems Department - GIS Division



MAP GUIDE TO ALLIANCE-CONNECTED PROJECTS ON GENEVA LAKE

1. **Rerouting of Southwick Creek** – This is a partnership project with the Village of Williams Bay, GLC, WDNR and SEWRPC to remove the ditched areas of this trout stream to improve aquatic habitat and water quality and change the floodplain.

Stream No: 39

Lead agency: GLC/Village/DNR

Expected completion: 2022

2. **Williams Bay Boat Launch and CB-2** – The Village, GLEA, GLA and GLC are cooperating in a Clean Water, Clean Boat DNR grant to have staff educate boaters on invasive species and provide a CB-@ vacuum test pilot to remove invasive species from boats.

Lead agency: GLEA/GLA

Expected completion: ongoing

3. **Odling Gravel Pit remedial action** –Walworth County Conservation Office is working with owners on remedial action to prevent gravel runoff from pit down Southwick Creek to lake during extreme storms, which has created a mound of gravel in Williams Bay and harming aquatic life in the creek.

Stream No: 39

Lead agency: Walworth County Conservation Office

Expected completion: 2021

4. **Cedar Point Park Healthy Lakes project** – GLC is working with homeowner's association to obtain a Healthy Lakes grant to install three rain gardens and buffer strips at Cedar Point.

Lead agency: GLC

Expected completion: third quarter, 2021

5. **Snake Road Cooperative storm water management project** – The property managers of the Raisin, Ryan and Driehaus properties are meeting with GLC to develop an engineering plan to control flooding and protect water quality from this stream during major storms.

Stream No: 46, 47

Lead agency: GLC

Expected completion: 2022

6. **Covenant Harbor-Wilkin storm water Improvement project** – GLC is working with both property owners to redesign a retention pond that will better control flooding and filter storm water with the use of native plants, new grates and slight increase in pond size.

Stream No: 1

Lead agency: GLC

Expected completion: second quarter, 2021

7. **Lake Geneva boat launch** – Through the Clean Boat, Clean Waters grant, GLEA has staff at the city boat launch at key times throughout the summer to educate boat owners on the importance of cleaning their boats.

Lead agency: GLEA

Expected completion: ongoing

8. **Big Foot Creek Study** – GLEA has completed a Phase I and II study to determine the sources of high phosphorus levels and other pollutants entering the lake from this creek and is planning remedial action.

Stream no: 8

Lead agency: GLEA

Expected completion: 2022-2023

9. **Big Foot Creek Watershed program** – The GLEA and GLC are working with public and private landowners upstream of the creek to implement BMPs including burning and restoring wetlands that flow into Big Foot Creek, removing drain tiles and planting cover crops on ag land that flows to the wetlands.

Stream No: 8

Lead agency: GLC

Expected completion: 2022-2023

10. **Trinke Lagoon Starry Stonewort Project** – GLEA is taking the lead on removing Starry Stonewort from the lagoon so that it does not remain a nursery for spreading into the lake. Hand-pulling and chemicals will be used.

Lead agency: GLEA

Expected completion: 2022

11. **Trinke Lagoon creek testing and management** – UW-Whitewater tested in 2020 and found high levels of phosphorus and SEWRPC has walked stream bed to recommend remedies.

Stream No: 15

Lead agency: SEWRPC

Expected completion: 2022-2025

12. **Birches Creek testing and erosion control project**- Stream has large watershed and several major issues contributing to phosphorus levels. SEWRPC will make recommendations and County Conservation Office may work with farmers.

Stream No. 16

Lead agency: SEWRPC

Expected completion: 2022-2025

13. **Lake Geneva Country Club Audubon certification**: The LGCC golf manager Jeff Heaton had formed a committee to seek Audubon certification with a GLC rep on the board and this is expected to resume this summer. The associated BMPs will improve runoff from the golf course.

Lead agency: GLC

Expected completion: 2022

14. **Black Point Historic Site/Pedersen/Mack property** – These properties have steep slopes and significant erosion. One buffer strip and two rain gardens will control runoff on Mack property while the historic site is expected to be part of Healthy Lakes in 2022.

Lead agency: GLC

Expected completion: 2021

15. **Chicago Club stream and erosion project** – A homeowner's group is working with an engineers to design a better system to control flooding and sediment runoff from this creek.

Stream No. 23

Lead agency: GLC

Expected completion: 2022

16. **Jones Farm Cover Crop and Harvest Buffer project** – The Jones farm acreage that is in the watershed is being planted with a cover crop this spring. Because there is cropland and grazing

cattle along the creek, the Walworth County Conservation office is also applying for a grant to establish buffer strips along the creek bed.

Stream No.: 22?

Lead agency: Walworth County Conservation Office.

Expected completion: 2022

17. **Simm's Creek Issue water testing** – A property owner reports brownish water from creek and creek will be tested in 2021 to help determine source.

Stream No. 25?

Lead agency: GLC

Expected completion: 2021

18. **Country Club Estates ravine land protection project** – Village of Fontana is completing engineering study to address erosion problems along Potawatomi Creek and GLC is talking with neighbor of landowner who wants to buy a ravine lot adjacent to him to preserve natural area and prevent more erosion:

Stream No. 31

Lead agency: Village of Fontana, GLC

Expected completion date: 2022

19. **Fontana Boat Launch** – Clean Boats, Clean Lake grant will provide funds to staff this public boat launch to educate boaters on invasive species and how to prevent spread.

Lead agency: GLEA

Completion date: Ongoing

20. **Hildebrand Creek DNR erosion control and fish habitat project** – DNR plans fisheries project to improve trout habitat and stop erosion in 2021 in this creek in the Hildebrand Conservancy on which GLC holds a conservation easement.

Stream no: 31A

Lead agency: DNR

Completion date: 2022

21. **Buena Vista Healthy Lakes rain gardens and buffer strips** –Using Healthy Lakes grants, this home owner's association planted 11 rain gardens and buffer strips in 2020 to filter runoff from its steep slopes.

Stream No. 32

Lead agency: GLC

Completion date: Completed, 2020

- 22. Traut Healthy Lakes erosion control project** – This private property owner has a very steep slope and significant erosion. The GLC is working with her to plant several rain gardens and also encouraging her to seek assistance from an engineering firm.

Stream No.: 37

Lead agency: GLC

Expected completion: 2022

- 23. Holiday Home Healthy Lakes buffer strips** –GLC is working with this camp to plant rain gardens and buffer strips to help with its erosion problems but more work is needed and the camp does not have the funding.

Lead agency: GLC

Expected completion: 2021

- 24. Conference Point Camp Healthy Lakes project** – GLC is working with this camp to plant rain gardens and buffer strip to help with its steep slopes but more work is needed and the camp does not have the funding.

Lead agency: GLC

Expected completion: 2021

- 25. Yerkes Observatory lakefront lots/Williams Bay erosion control ordinance-** The Walworth County Conservation office has asked the Village of Williams Bay to tighten its erosion control ordinance related to construction and the village board has approved this stricter ordinance, which will help to reduce erosion if and when the three lots on the Yerkes property are developed.

Lead agency: Village of Williams Bay

Expected completion: Completed, 2020

Farmland Preservation Plan Update --- Citizens Advisory Committee

Recommendations from the LURM Staff

1. Richard Kuhnke Sr. Member, Walworth County Zoning Agency
2. Perry Brown, Executive Director, Michael Fields Institute
Margaret Krome, Program Director, Policy Director, Michael Fields Institute
3. Cody Kincaid, Farm Producer Darien, Delavan, LaGrange
4. Scott Wilson, Farm Producer/ Gravel Pit Spring Prairie
5. Tom McClellan, Farm Producer Darien
6. Dan Schoonover, Chairman, Town of Bloomfield
7. Sarah Gatzke, The Nature Conservancy
Dan Miner, The Nature Conservancy
8. Chris Jones, Farm Producer Linn
9. Jim Versweyfield , Agriculture Educator, University of Wisconsin , Division of Education
10. David Rowbotham, Chairman, Town of Walworth County
11. Sharon Travis, Farm Producer, Member, Walworth County Land Conservation Committee
12. Brian Holt, Farm Producer, Member, Walworth County Land Conservation Committee