



Hampton, Lenzini and Renwick, Inc.

Civil Engineers • Structural Engineers • Land Surveyors • Environmental Specialists
www.hltrengineering.com

April 23, 2025

Mr. Rich Babica
Public Works Director
City of Geneva
1800 South Street
Geneva, Illinois, 60134

RE: 2024 On Brentwood Pond Management Summary

Dear Mr. Babica,

Hampton, Lenzini and Renwick, Inc. has provided native area management services for Brentwood Pond for many seasons. Management in 2024 included a combination of chemical control of invasive and undesirable plant species, and enhancements via live plug installation. Below is the management summary for On Brentwood Pond managed by HLR for the City of Geneva.

Routine herbicide treatments were conducted throughout the 2024 growing season. The main species targeted during these treatments include common teasel (*Dipsacus sylvestris*), crown vetch (*Coronilla varia*), and Canada thistle (*Cirsium arvense*). The buffer of this site is abundant with high-quality native plant species. Species that are flourishing in the upland buffer of this site include black-eyed Susan (*Rudbeckia hirta*), golden glow (*Rudbeckia laciniata*), and foxglove beardtongue (*Penstemon digitalis*). Species such as cardinal flower (*Lobelia cardinalis*), swamp milkweed (*Asclepias incarnata*), swamp rose mallow (*Hibiscus palustris*), and blue flag iris (*Iris virginica*) are flourishing and bring lots of color to the wetland areas of this basin.

Sandbar willow (*Salix interior*) was cut and removed along the western border of the site, along Peck Road. Sandbar willow is an aggressive species that primarily grows along waterbodies. The plant's rapid growth and ability to spread can result in the displacement of other native plants and trees, leading to a loss of biodiversity. The area where the sandbar willow was removed will continue to be monitored and treated for any regrowth.

Live wetland plugs were strategically installed along the eastern border of the site within mud flats to increase diversity. These wetland plugs feature a variety of colorful native plants, which not only enhance the visual appeal of the site but also attract pollinator species. The list of species installed can be found in Table 1 below.

TABLE 1: CUSTOM PLUG SPECIES	
SCIENTIFIC NAME	COMMON NAME
<i>Lobelia cardinalis</i>	Cardinal Flower
<i>Hibiscus palustris</i>	Swamp Rose Mallow
<i>Vernonia fasciculata</i>	Ironweed
<i>Asclepias incarnata</i>	Swamp Milkweed
<i>Iris virginica</i>	Blue Flag Iris

For the 2025 season, HLR recommends the continuation of routine herbicide treatments to continue phasing out invasive and undesirable plant species. A custom seed mix should be installed in the winter to continue to establish the native ecosystem. Live plugs should be installed in wetland areas to expedite the establishment of these species.

This site has shown increasing progress from the previous seasons of maintenance. With continued maintenance, this site will continue to improve in native species coverage and diversity. We have appreciated the opportunity to work with the City of Geneva in 2024. Please feel free to reach out with any questions or comments regarding this summary.

Mr. Rich Babica
City of Geneva
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Sincerely,

A handwritten signature in black ink that reads "Kristin Dumoulin". The signature is written in a cursive style with a large initial 'K' and a long, sweeping underline.

HAMPTON, LENZINI AND RENWICK, INC.
Kristin Dumoulin
Environmental Scientist



Photo 1: Upland buffer of this site (06.19.2024)



Photo 2: West buffer of site, facing south (06.19.2024)



Photo 3: Live plug installation (08.01.2024)



Photo 4: High quality wetland species such as Cardinal Flower flourishing on site (08.01.2024)