



Thurston Groves HOA Monthly Waterway Inspection Report

Reason for Inspection: Routine Scheduled - Monthly

Inspection Date: 2/20/2018

Prepared for:

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Prepared by:

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Site: 1



Comments: Treatment in progress

Duckweed was observed within the cove near the outflow structure of this site, and filamentous algae was present at traces along the perimeter of the waterway. New growth of Water Primrose was also observed within the littoral shelf.

Management Summary

Throughout the February Account Inspection of the waterway at Thurston Groves, filamentous algae was observed at traces along the perimeter of the site. Duckweed, a nuisance floating weed, had accumulated within the cove near the outflow structure. Water Primrose was observed in small quantities throughout the littoral shelf. Additionally, the Cattails and Primrose within the littoral shelf had been targeted during the week of this inspection.

The Florida Native Aquatic Vegetation that was planted along the perimeter of the site had continued to flourish, further limiting the burrowing behavior of the Plecostomus populations.

Recommendations/Action Items

During our upcoming scheduled visits, Aquatic Systems will address the following:

- Perform a floating weed treatment targeting the Duckweed populations present on site.
- Apply an algae treatment for the filamentous growth observed along the shoreline in small quantities.
- Target the Water Primrose within the littoral shelf.
- Monitor the decomposition of Cattails and Primrose within the littoral shelf, performing additional treatments as necessary to achieve desired conditions.
- Continue to monitor the growth and establishment of the planted beneficial Florida native vegetation.
- Follow up with all previous treatments to ensure desired results are achieved and maintained.

Aquatic Systems, Inc. will continue to promote healthy aquatic ecosystems within the Thurston Groves Community.