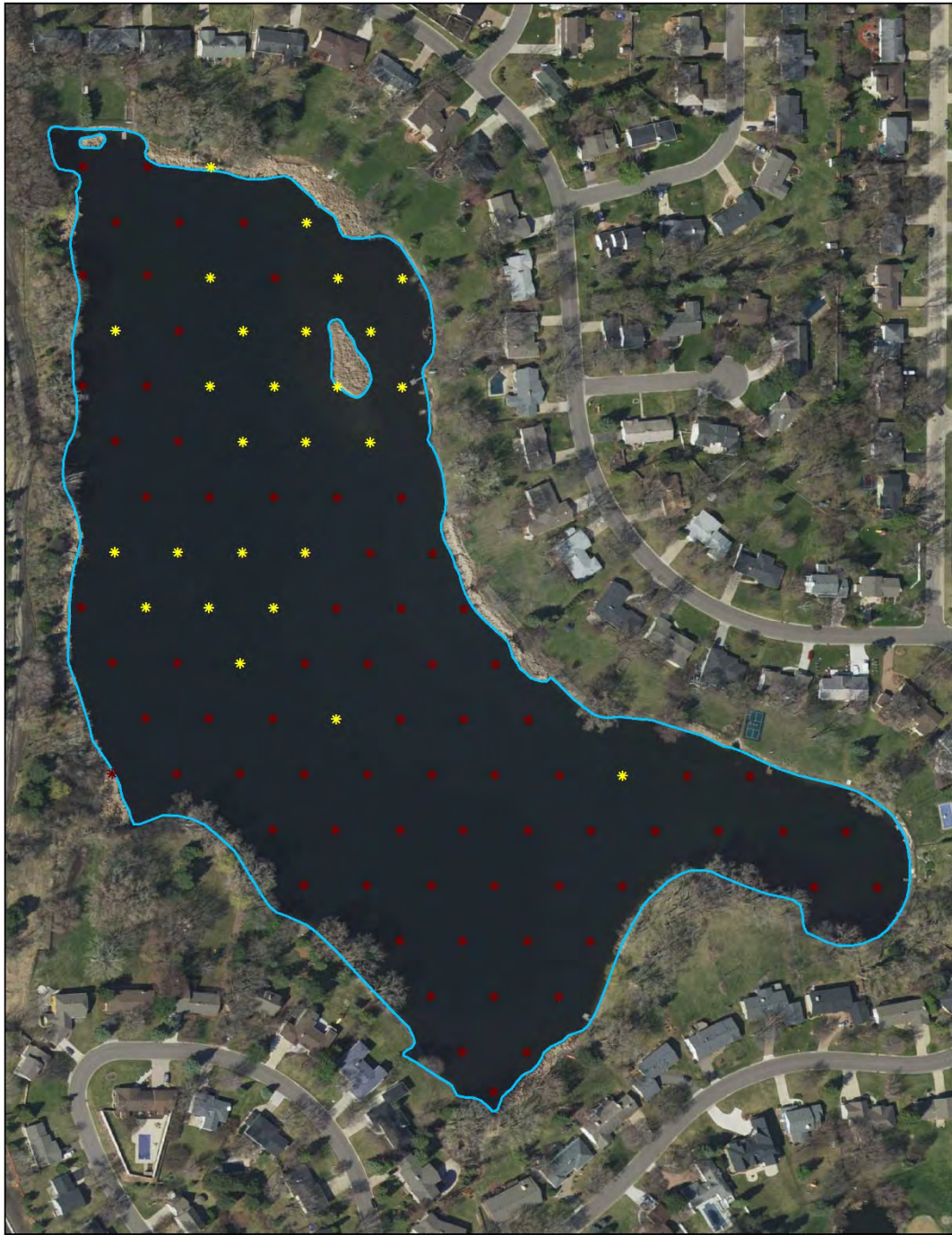


Appendix E

Aquatic Plant Maps: Lake Edina

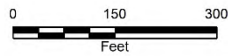
June 2019

Aquatic Plant Survey Maps: Lake Edina



Substrate Type

- * Muck
- * Rock
- * Sand



Bottom Substrate

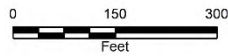
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Depth in ft.

- 1.0 - 2.0
- 2.1 - 2.5
- 2.6 - 3.0
- 3.1 - 4.0



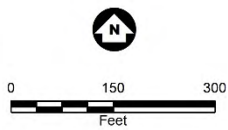
Lake Depth

Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



- * Littoral Zone
- * Littoral Zone with Plants



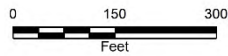
Littoral Zone
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



of Native Species

- × None Found
- * 1
- * 2
- * 3 - 4
- * 5 - 6
- * 7



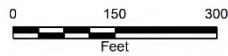
Native Species Richness

Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



* Sample Point



Survey Sample Points

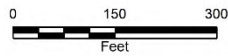
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- * 1
- * 2
- * 3
- × None Found



Total Rake Fullness

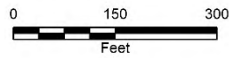
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

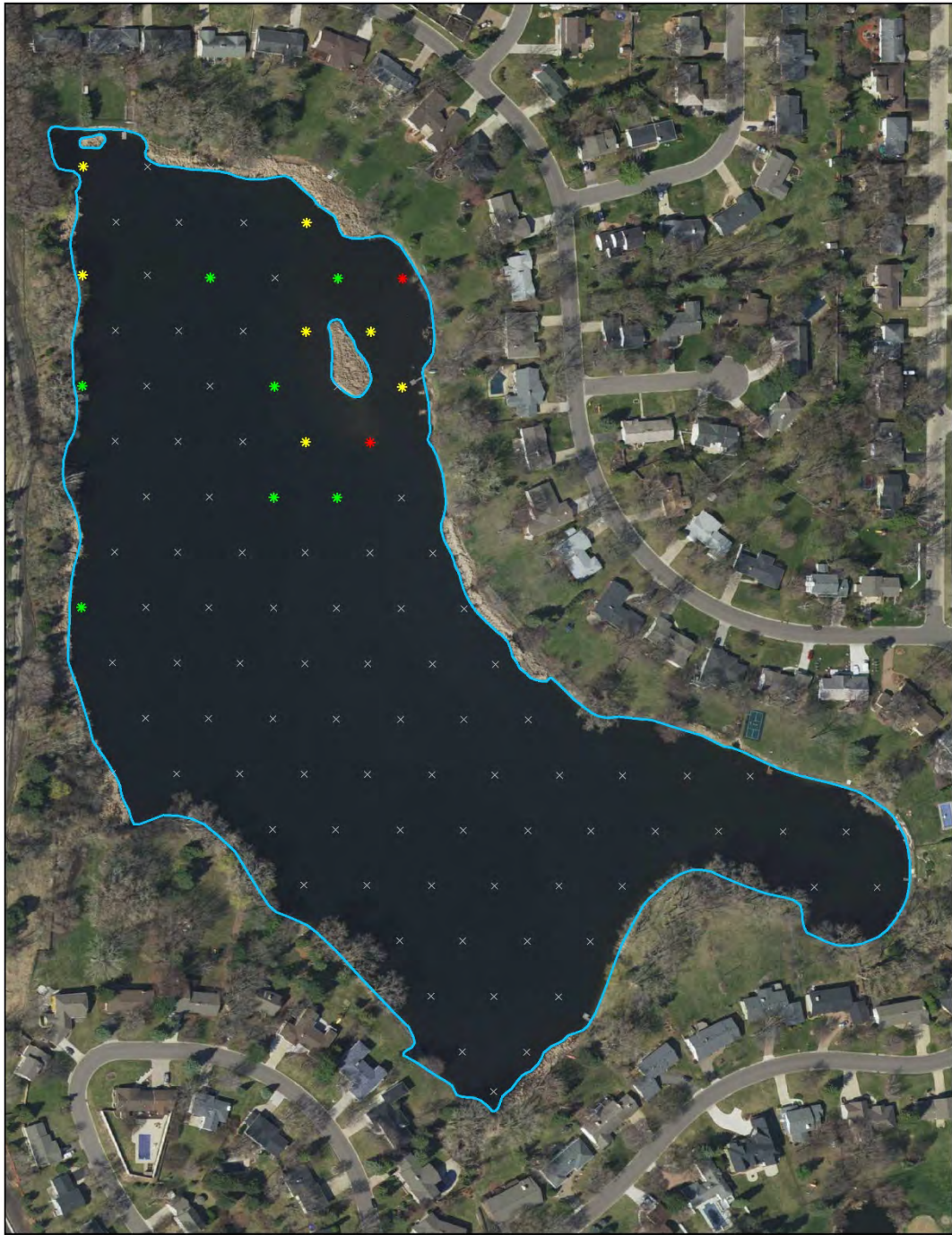
- ✱ Visual
- ★ 1
- ★ 2
- ★ 3
- ✕ None Found



Coontail
(Ceratophyllum demersum)

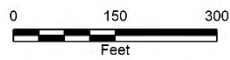
Point Intercept Macrophyte Survey
Lake Edina
Nine Mile Creek Watershed District
Hennepin County, MN
June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



**Muskgrass
(*Chara* sp.)**

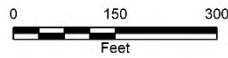
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

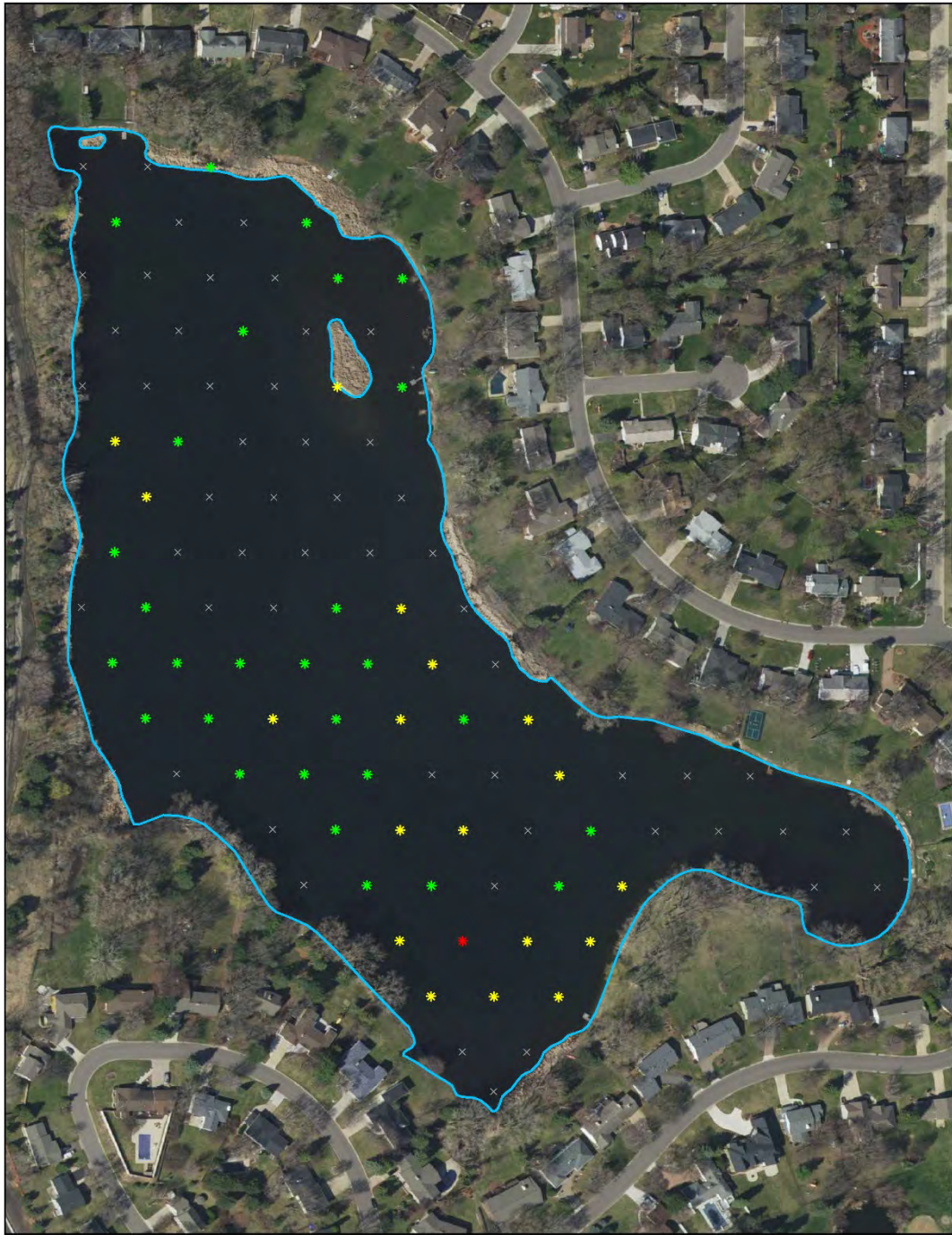
- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



**Common waterweed
(*Elodea canadensis*)**

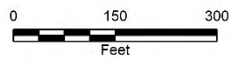
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

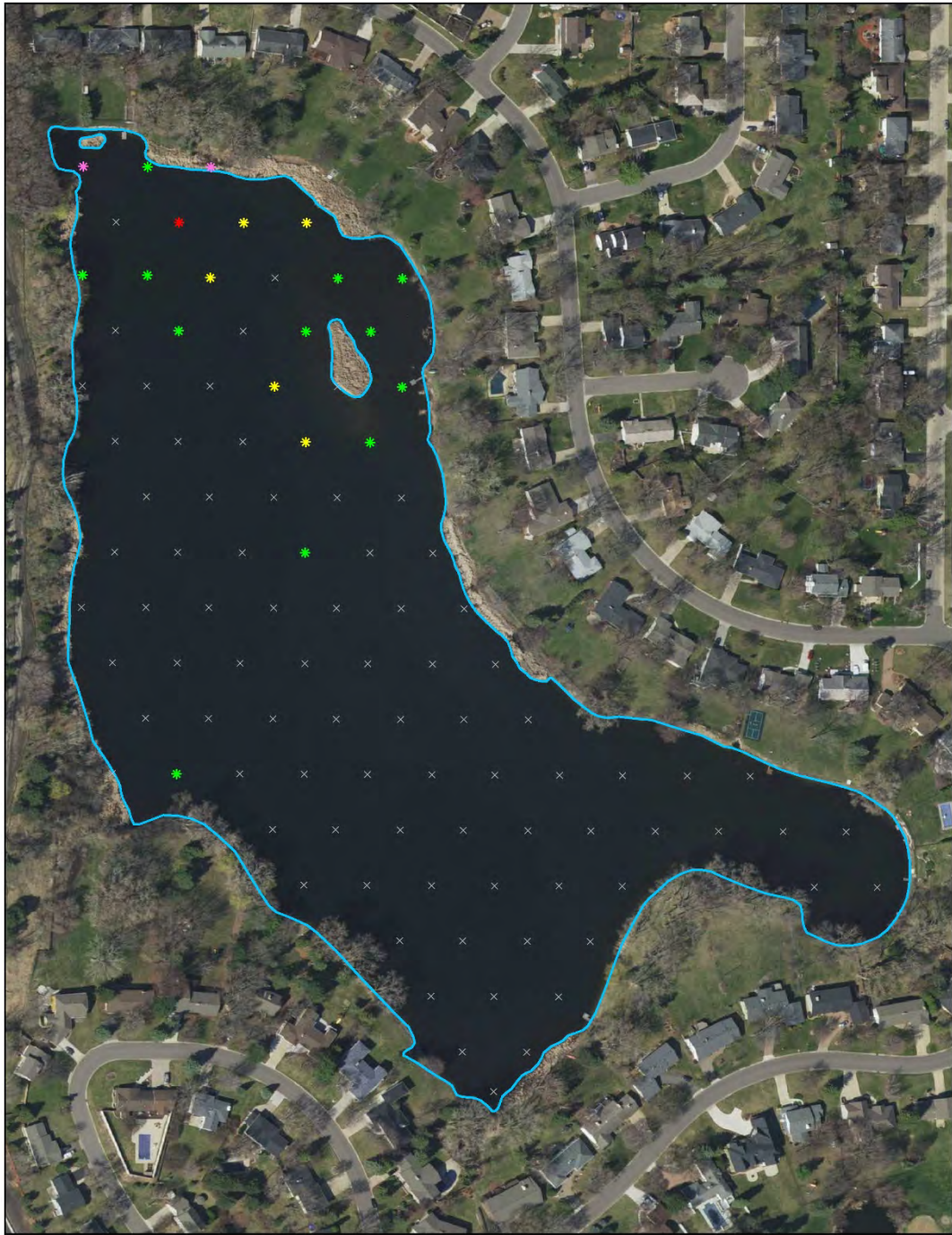
- * Visual
- * 1
- * 2
- * 3
- x None Found



Filamentous algae

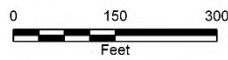
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



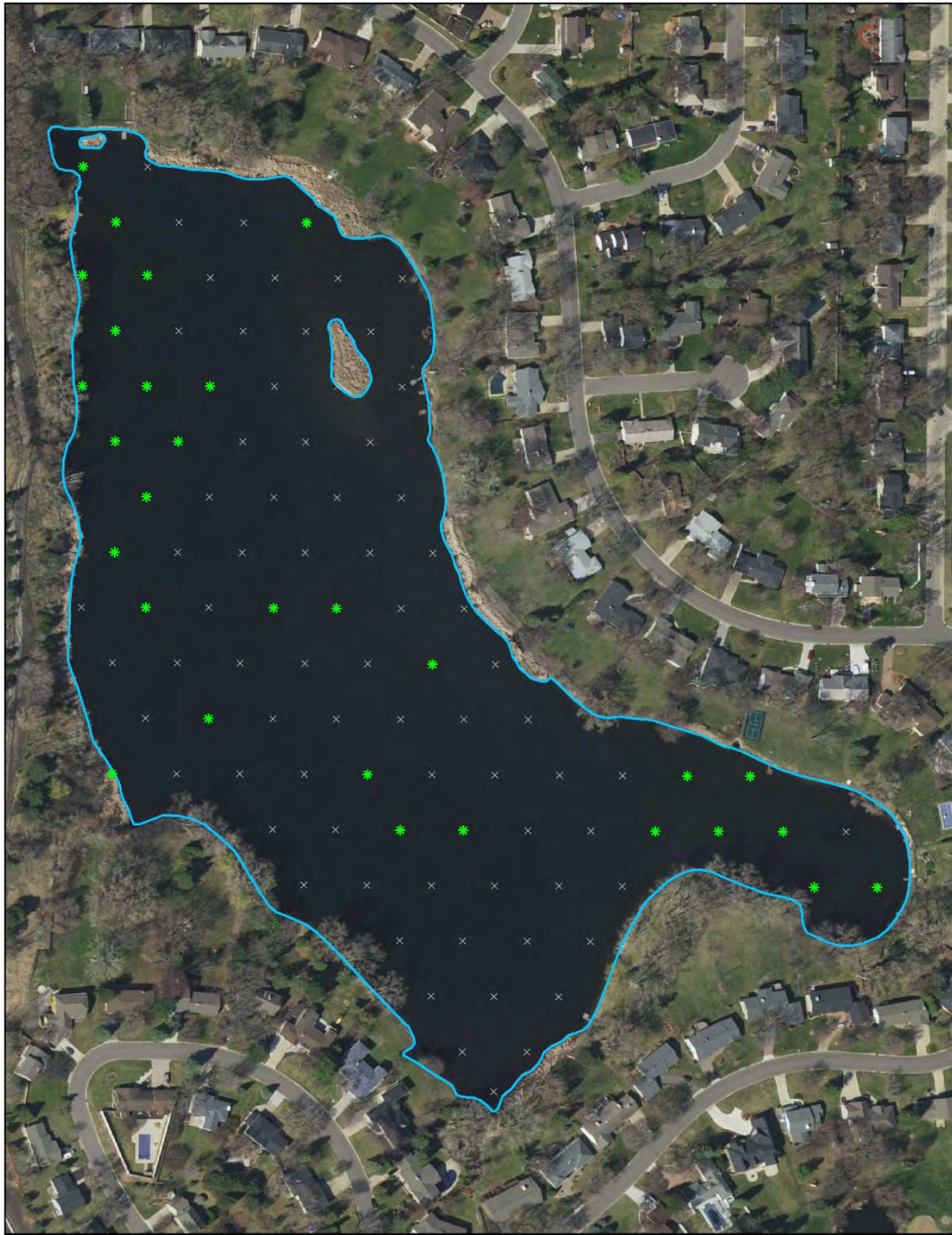
Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



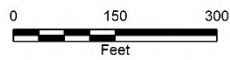
Water star-grass
(Heteranthera dubia)
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

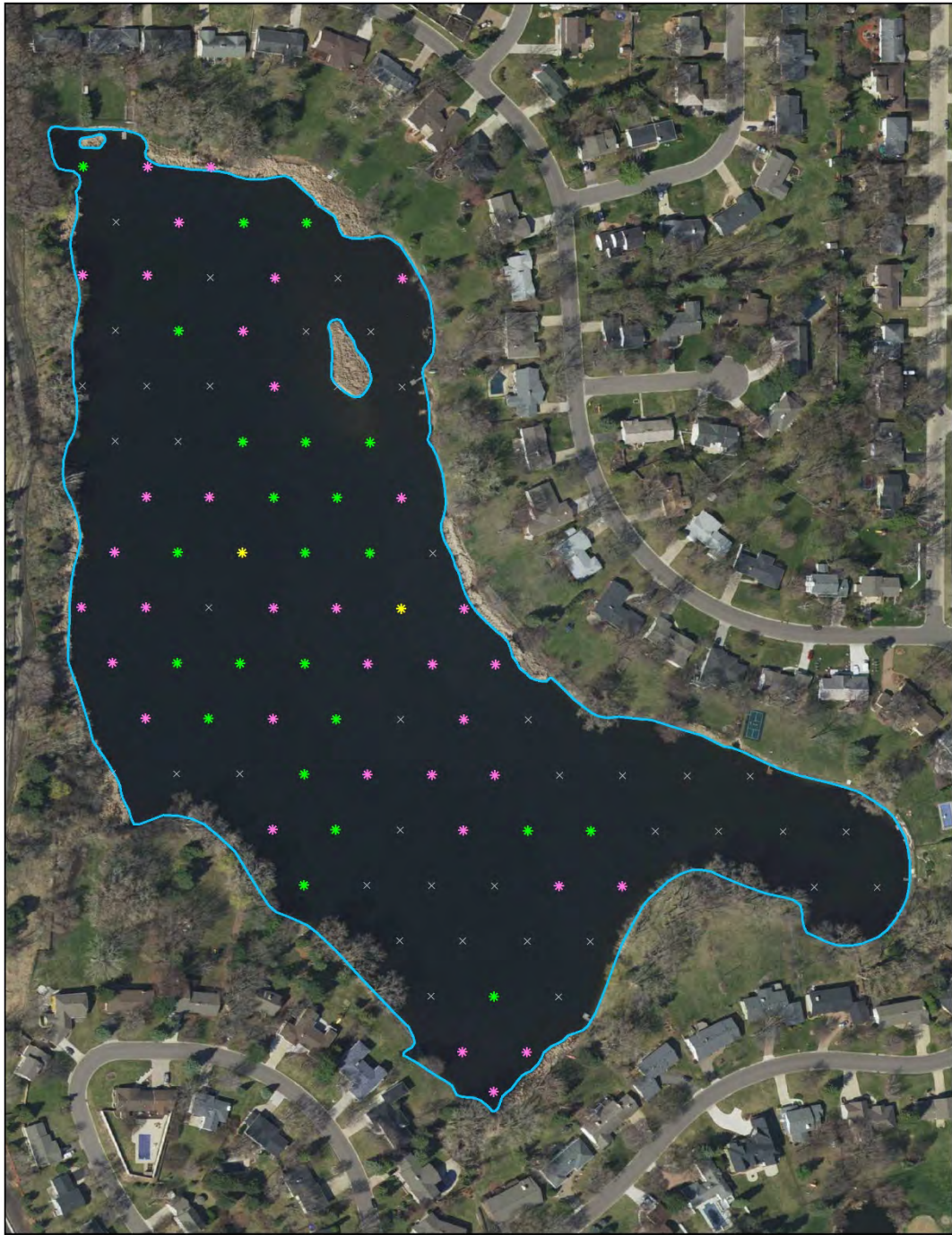
- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



**Small duckweed
(*Lemna minor*)**

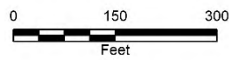
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- * Visual
- * 1
- * 2
- * 3
- × None Found



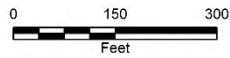
Eurasian water-milfoil
(Myriophyllum spicatum)
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



**Slender naiad
(*Najas flexilis*)**

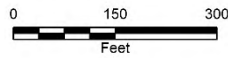
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



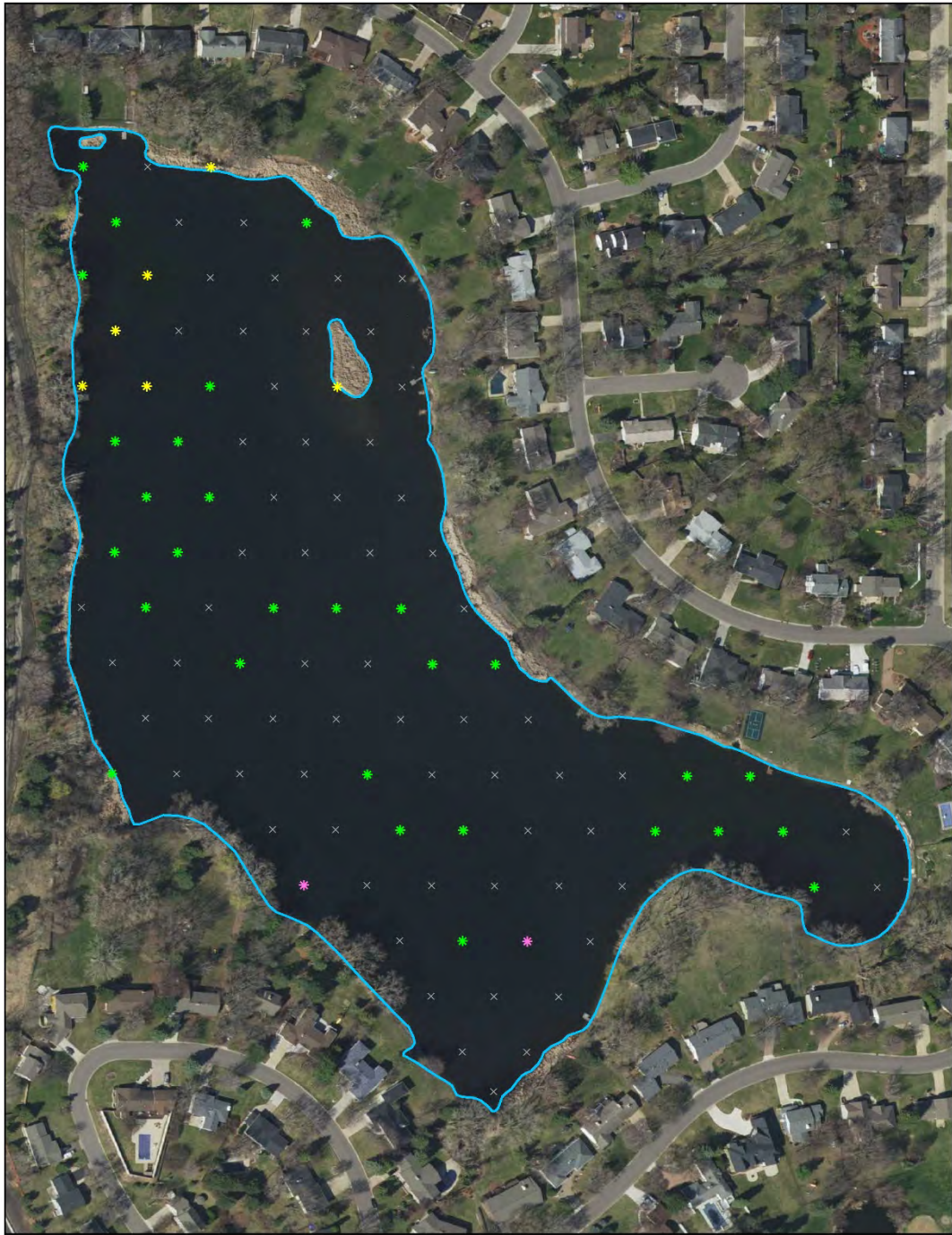
Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✱ None Found



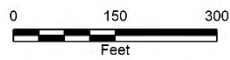
Small pondweed
(Potamogeton pusillus)
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- * Visual
- * 1
- * 2
- * 3
- x None Found



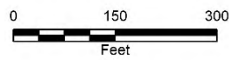
Large duckweed
(Spirodela polyrhiza)
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



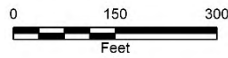
Sago pondweed
(Stuckenia pectinata)
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



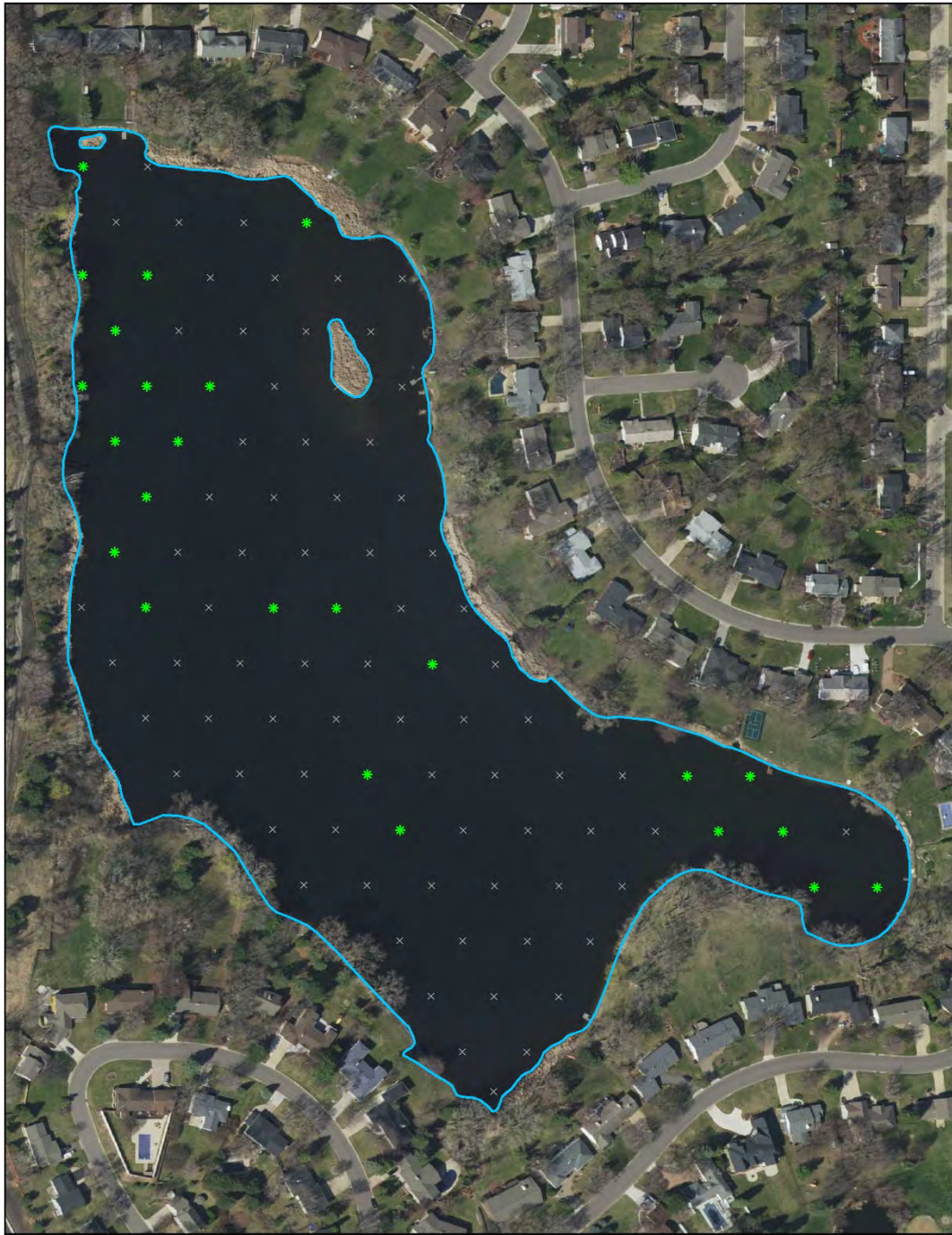
Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



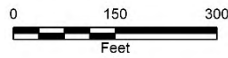
Narrow-leaved cattail
(Typha angustifolia)
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



Common watermeal
(Wolffia columbiana)

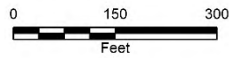
Point Intercept Macrophyte Survey
Lake Edina
Nine Mile Creek Watershed District
Hennepin County, MN
June 26, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✱ None Found

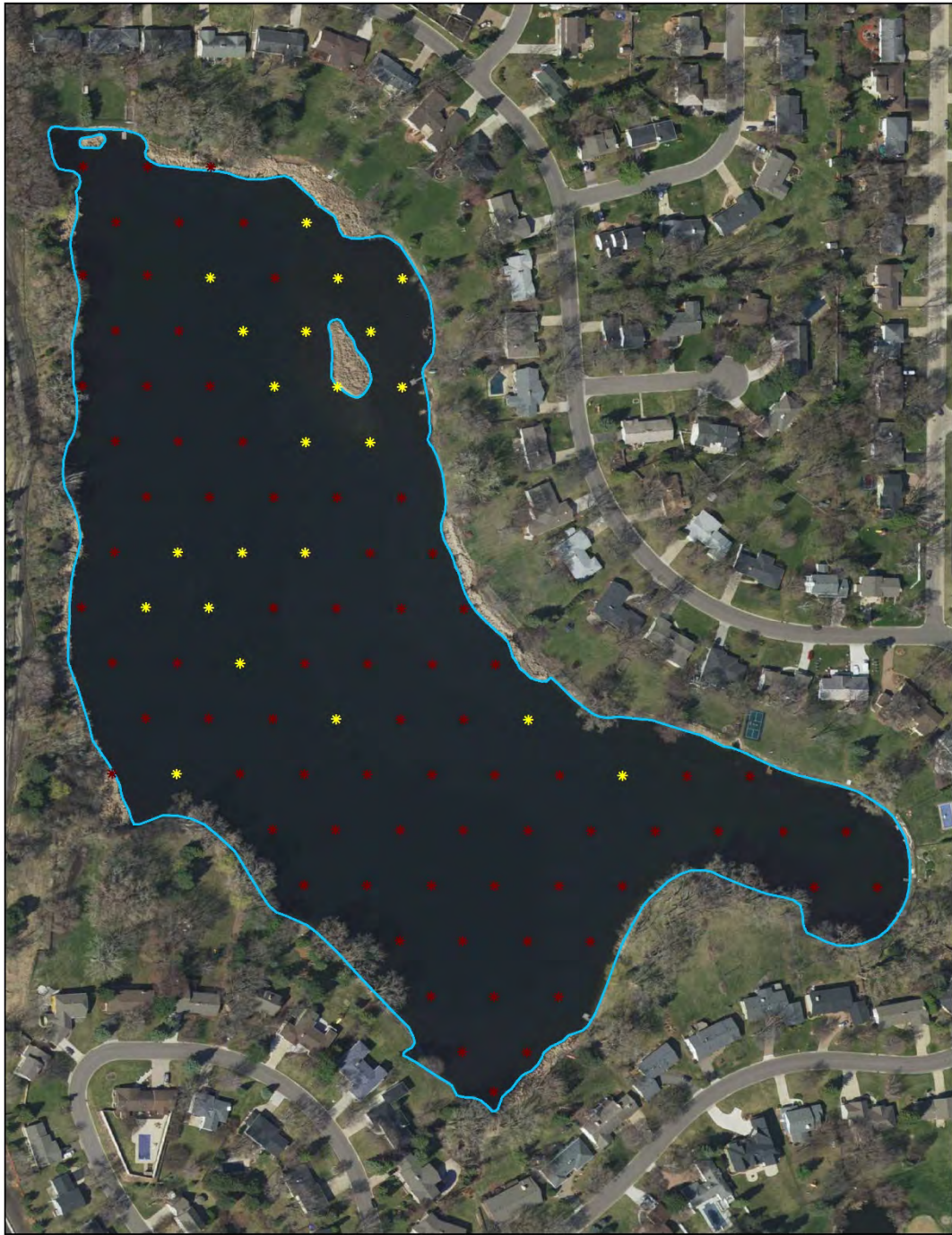


Horned pondweed
(Zannichellia palustris)
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 June 26, 2019

Aerial Imagery: 2010 MNGeoWMS

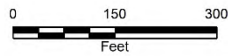
August 2019

Aquatic Plant Survey Maps: Lake Edina



Substrate Type

- * Muck
- * Rock
- * Sand



Bottom Substrate

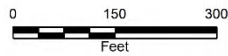
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



Depth in ft.

- * 1.0 - 2.0
- * 2.1 - 2.5
- * 2.6 - 3.0
- * 3.1 - 4.0



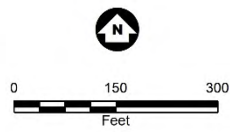
Lake Depth

Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS

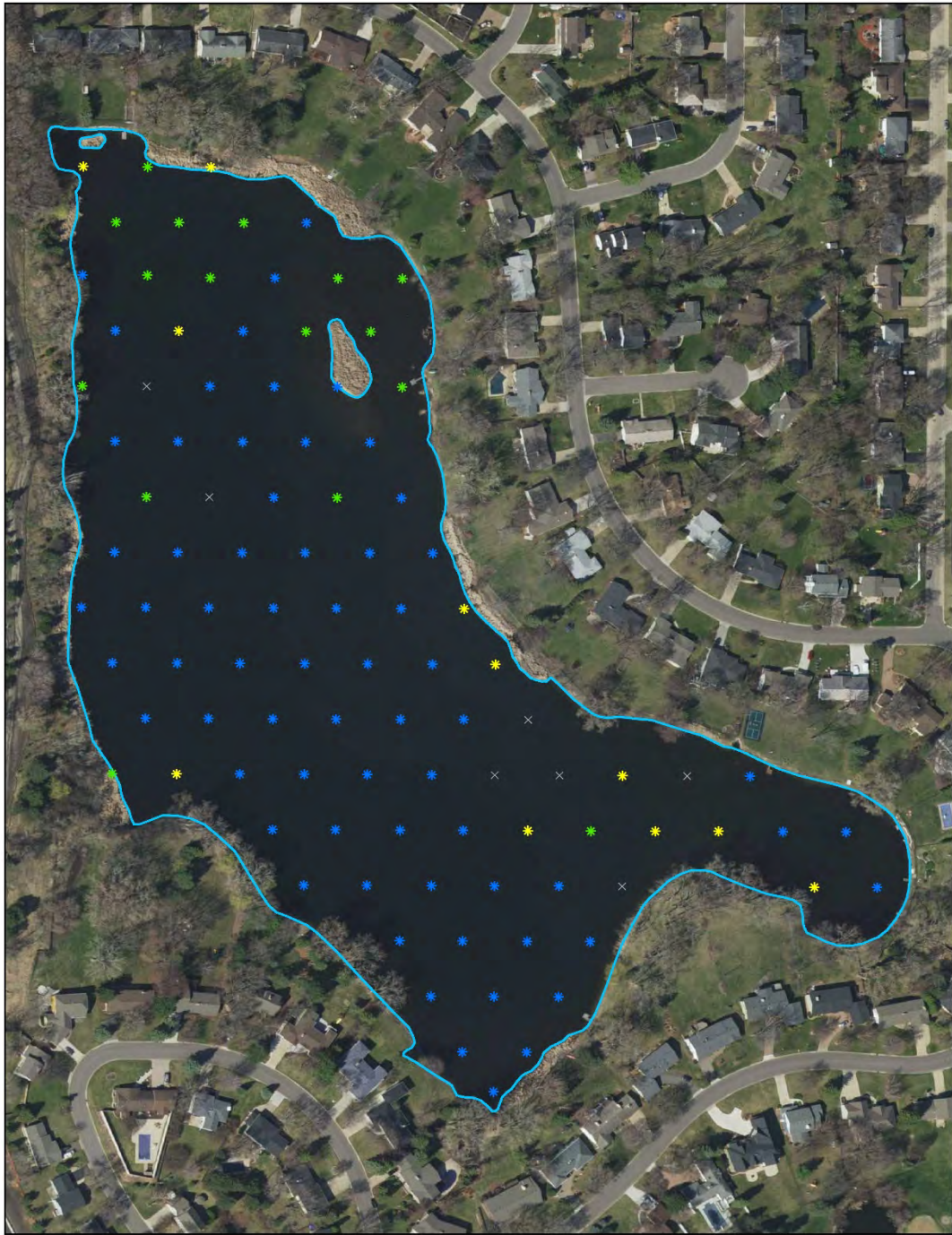


- * Littoral Zone
- * Littoral Zone with Plants



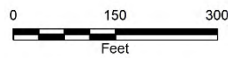
Littoral Zone
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



of Native Species

- × None Found
- * 1
- * 2
- * 3 - 4
- * 5 - 6
- * 7



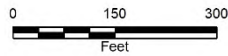
Native Species Richness

Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



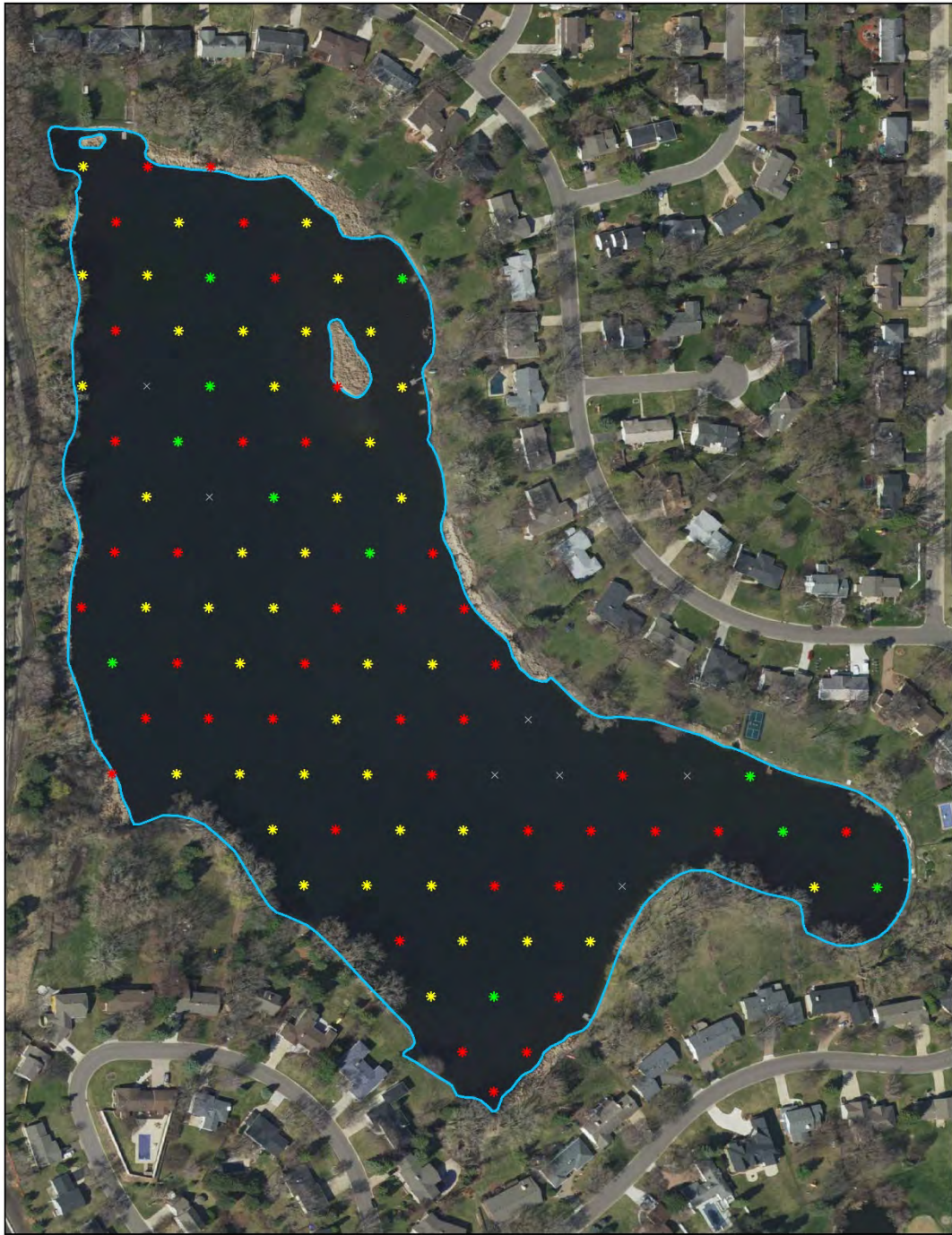
* Sample Point



Survey Sample Points

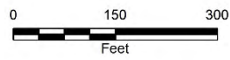
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

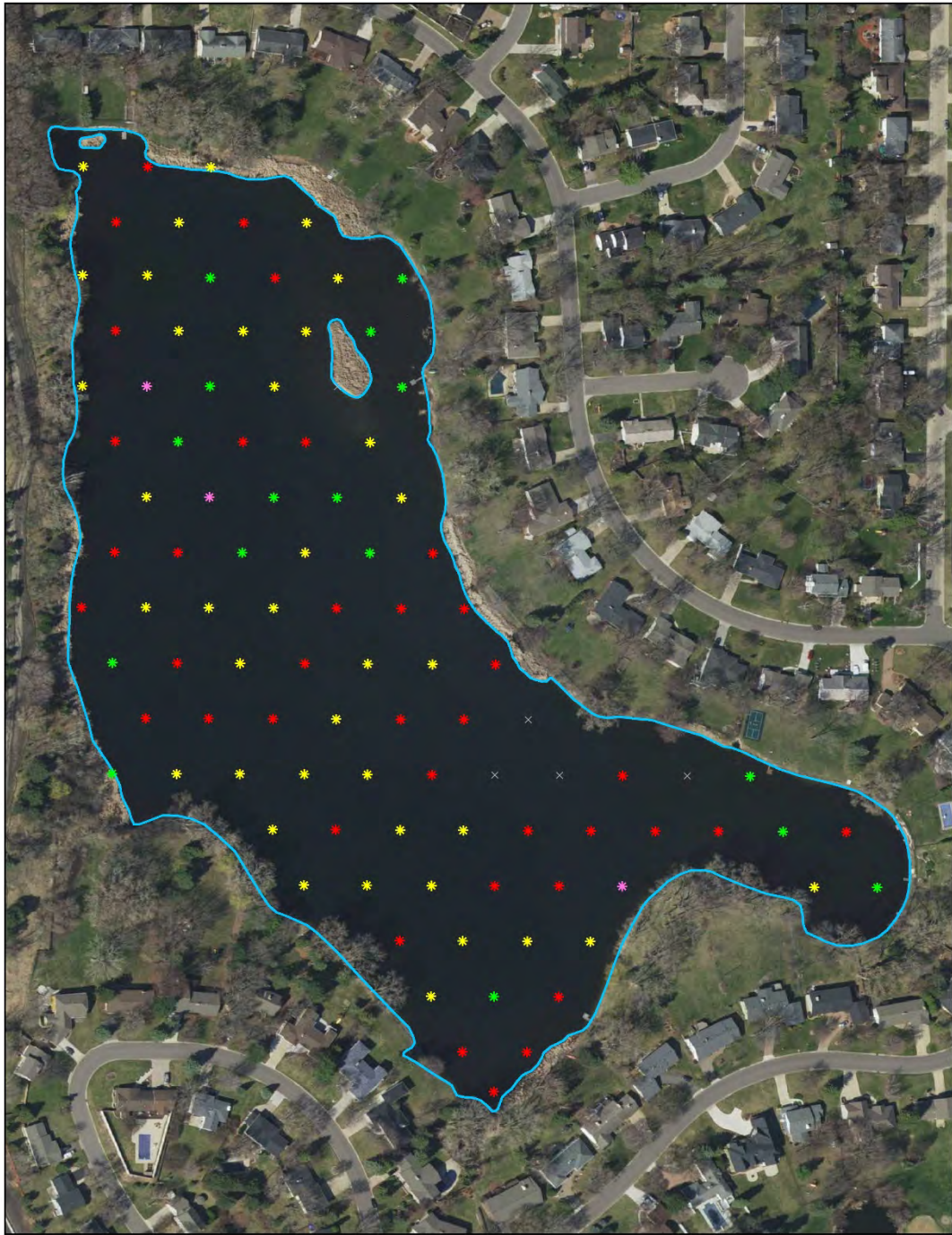
- * 1
- * 2
- * 3
- × None Found



Total Rake Fullness

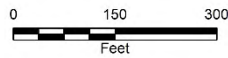
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



**Common waterweed
(*Elodea canadensis*)**

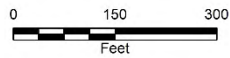
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



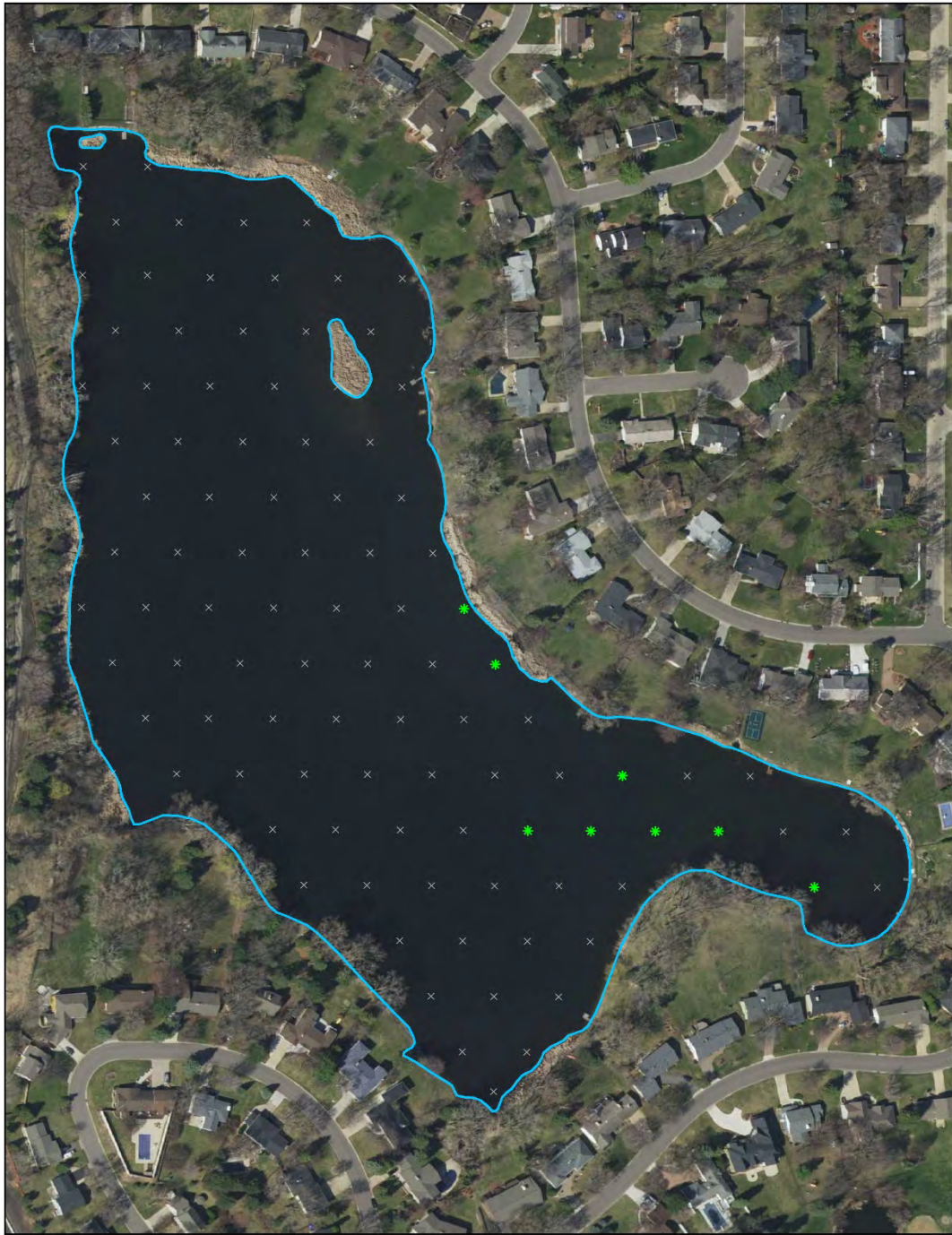
Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



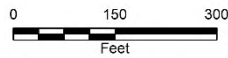
Water star-grass
(Heteranthera dubia)
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

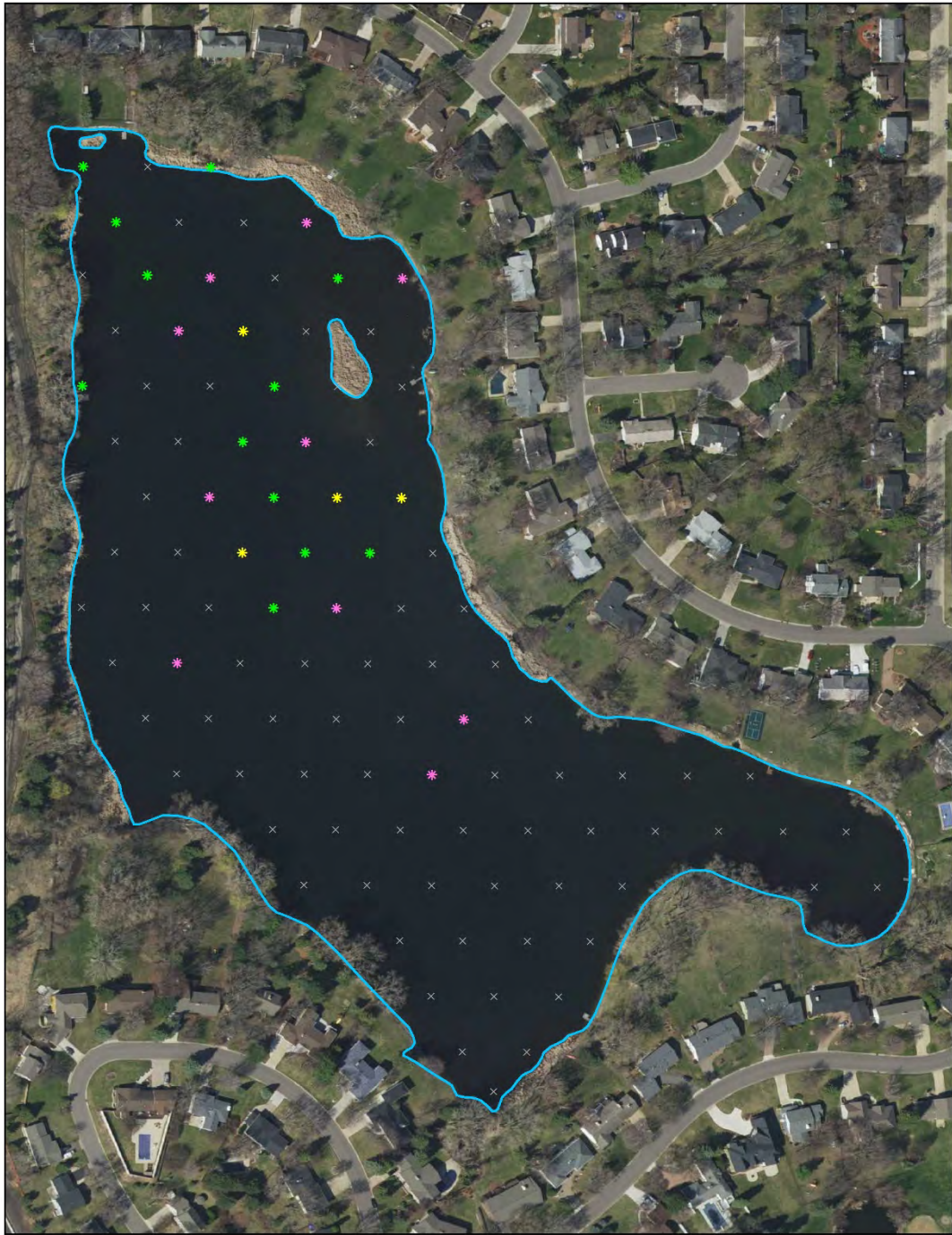
- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



**Small duckweed
(*Lemna minor*)**

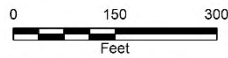
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

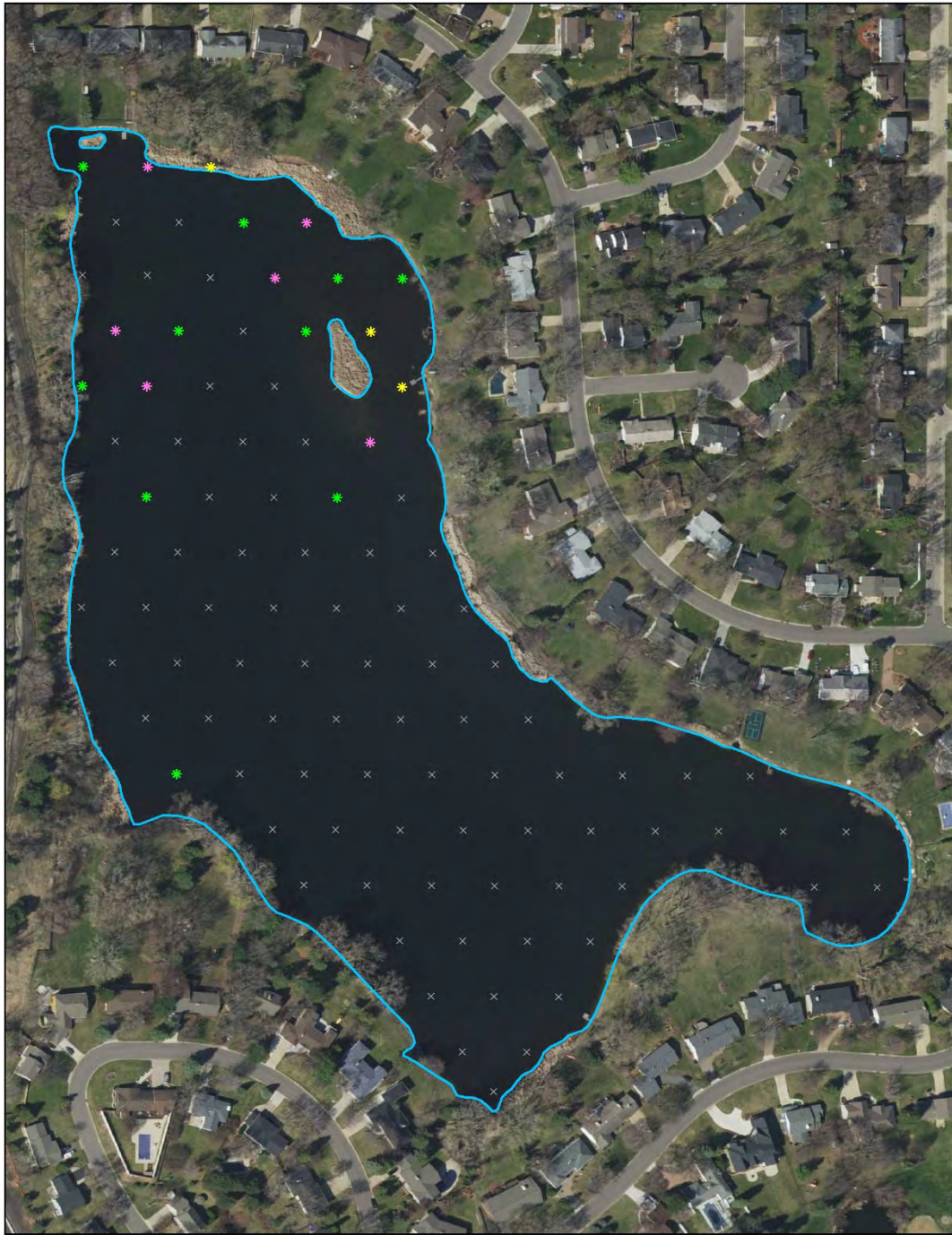
- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



Eurasian water-milfoil
(Myriophyllum spicatum)

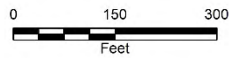
Point Intercept Macrophyte Survey
Lake Edina
Nine Mile Creek Watershed District
Hennepin County, MN
August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



**Slender naiad
(*Najas flexilis*)**

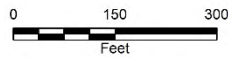
Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



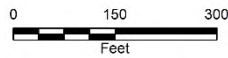
Large duckweed
(Spirodela polyrhiza)
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



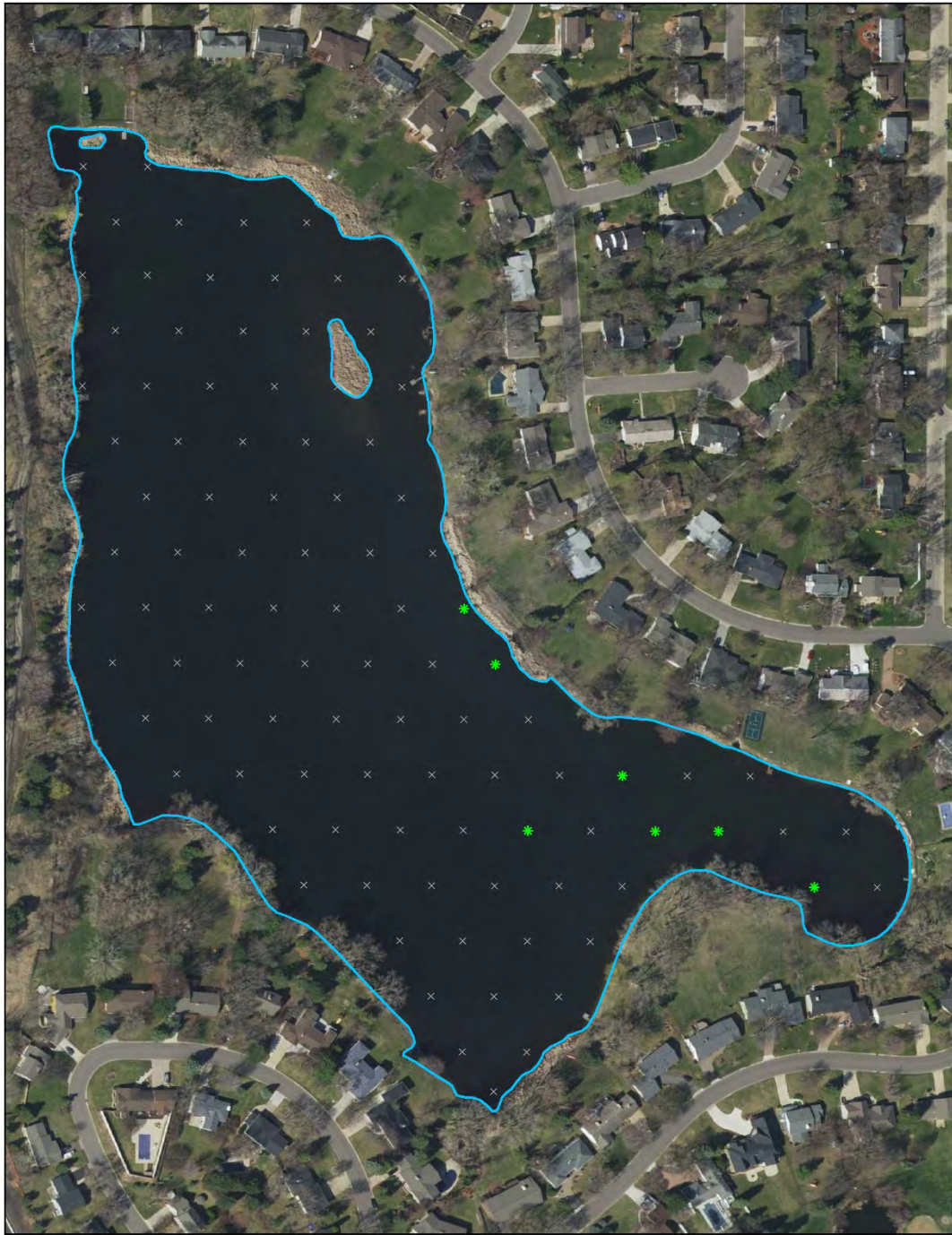
Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



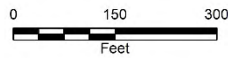
Narrow-leaved cattail
(Typha angustifolia)
 Point Intercept Macrophyte Survey
 Lake Edina
 Nine Mile Creek Watershed District
 Hennepin County, MN
 August 24, 2019

Aerial Imagery: 2010 MNGeoWMS



Rake Fullness Rating

- ✱ Visual
- ✱ 1
- ✱ 2
- ✱ 3
- ✕ None Found



Common watermeal
(Wolffia columbiana)

Point Intercept Macrophyte Survey
Lake Edina
Nine Mile Creek Watershed District
Hennepin County, MN
August 24, 2019

Aerial Imagery: 2010 MNGeoWMS