





**SWCA**  
ENVIRONMENTAL CONSULTANTS

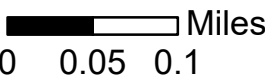
30 Nov 2018  
SWCA Job # 48737

**Figure 1**  
**2015 Proposed**  
**Application Areas**

**Rogers Lake**  
**Lyme & Old Lyme, CT**

Data Source: Office of Geographic Information (MassGIS)

30 cm Color Digital Ortho Image 2008/2009  
Digital Parcel Standard, Level 3

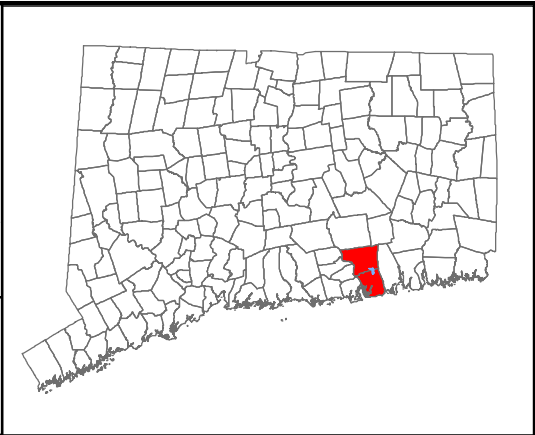


Miles  
0 0.05 0.1

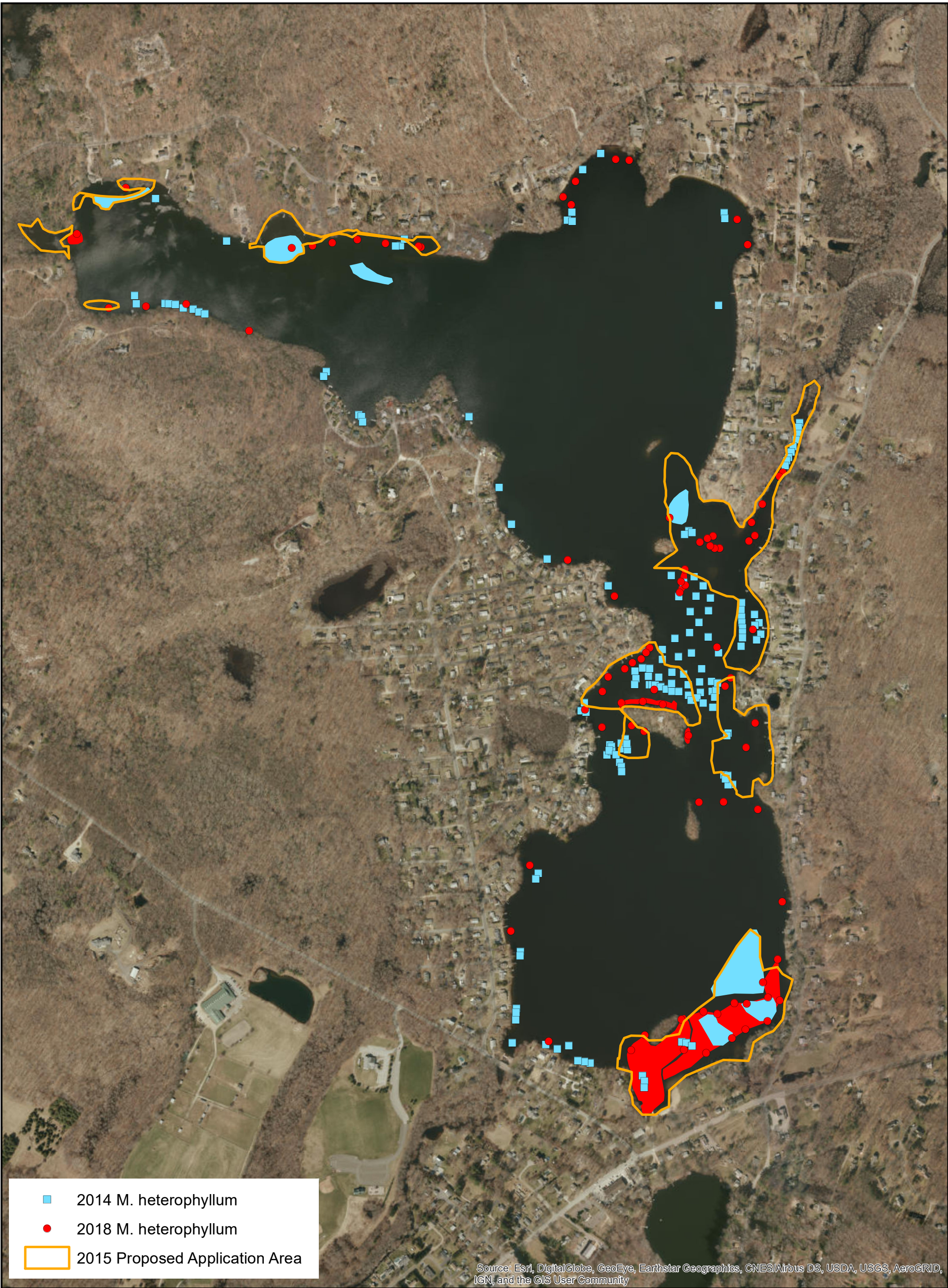


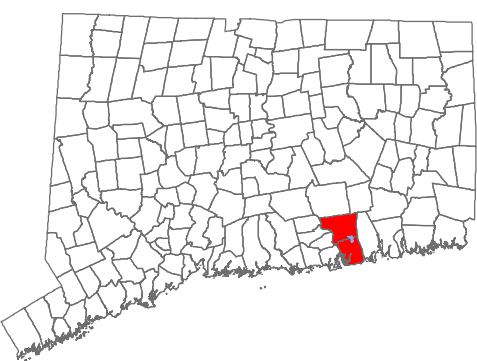
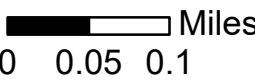
N

Latitude 41° 21' 36" N  
Longitude 72° 18' 4" W

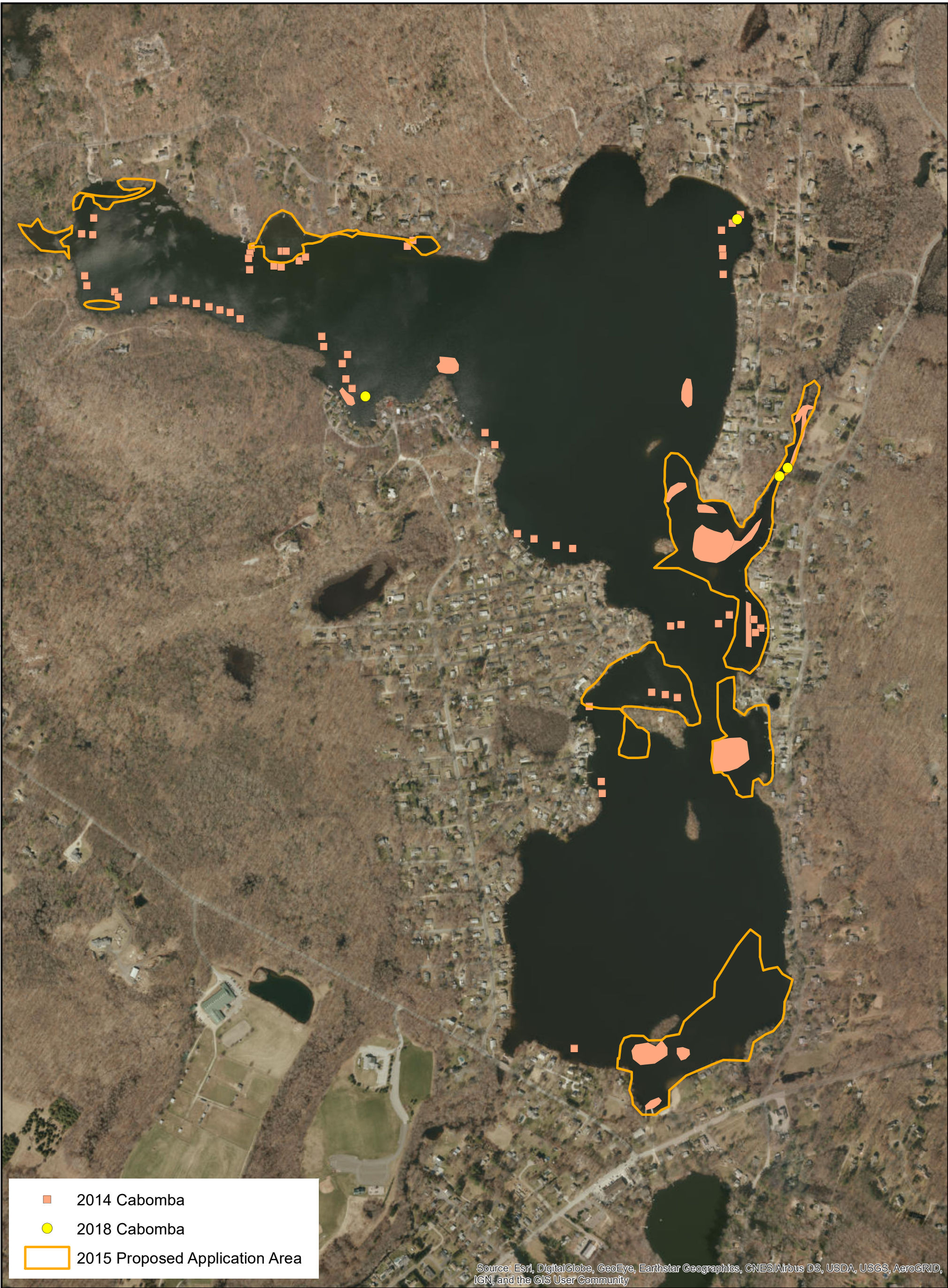






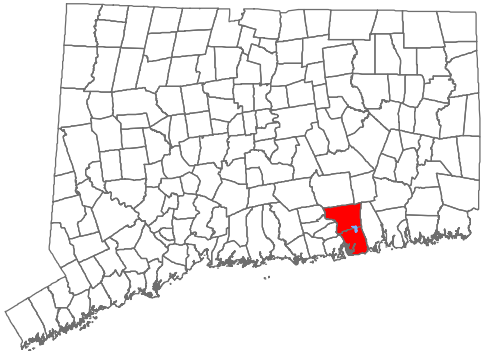
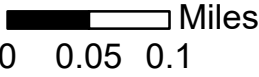
|                                                                                                                                                 |                                                                                                                                                                                       |                                                                                                                                                      |                                                                                                                                                         |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <p><b>SWCA</b><sup>®</sup><br/>ENVIRONMENTAL CONSULTANTS</p> | <p><b>Figure 2</b><br/><b>2018 and 2014</b><br/><b>Myriophyllum</b><br/><b>heterophyllum</b><br/><b>Observations</b></p> <p><b>Rogers Lake</b><br/><b>Lyme &amp; Old Lyme, CT</b></p> | <p>Data Source: Office of Geographic Information (MassGIS)</p> <p>30 cm Color Digital Ortho Image 2008/2009<br/>Digital Parcel Standard, Level 3</p> |                                                                                                                                                         |  |
|                                                                                                                                                 | <p>30 Nov 2018<br/>SWCA Job # 48737</p>                                                                                                                                               | <p> Miles<br/>0 0.05 0.1</p>                                     | <p> N</p> <p>Latitude 41° 21' 36" N<br/>Longitude 72° 18' 4" W</p> |                                                                                       |





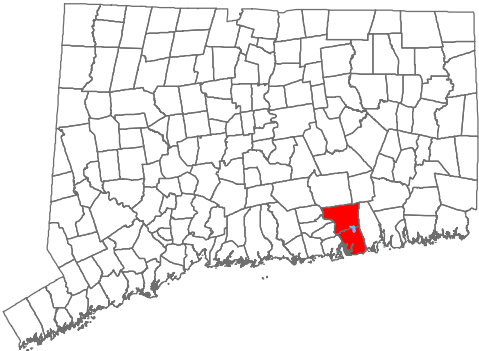
- 2014 Cabomba
- 2018 Cabomba
- 2015 Proposed Application Area

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

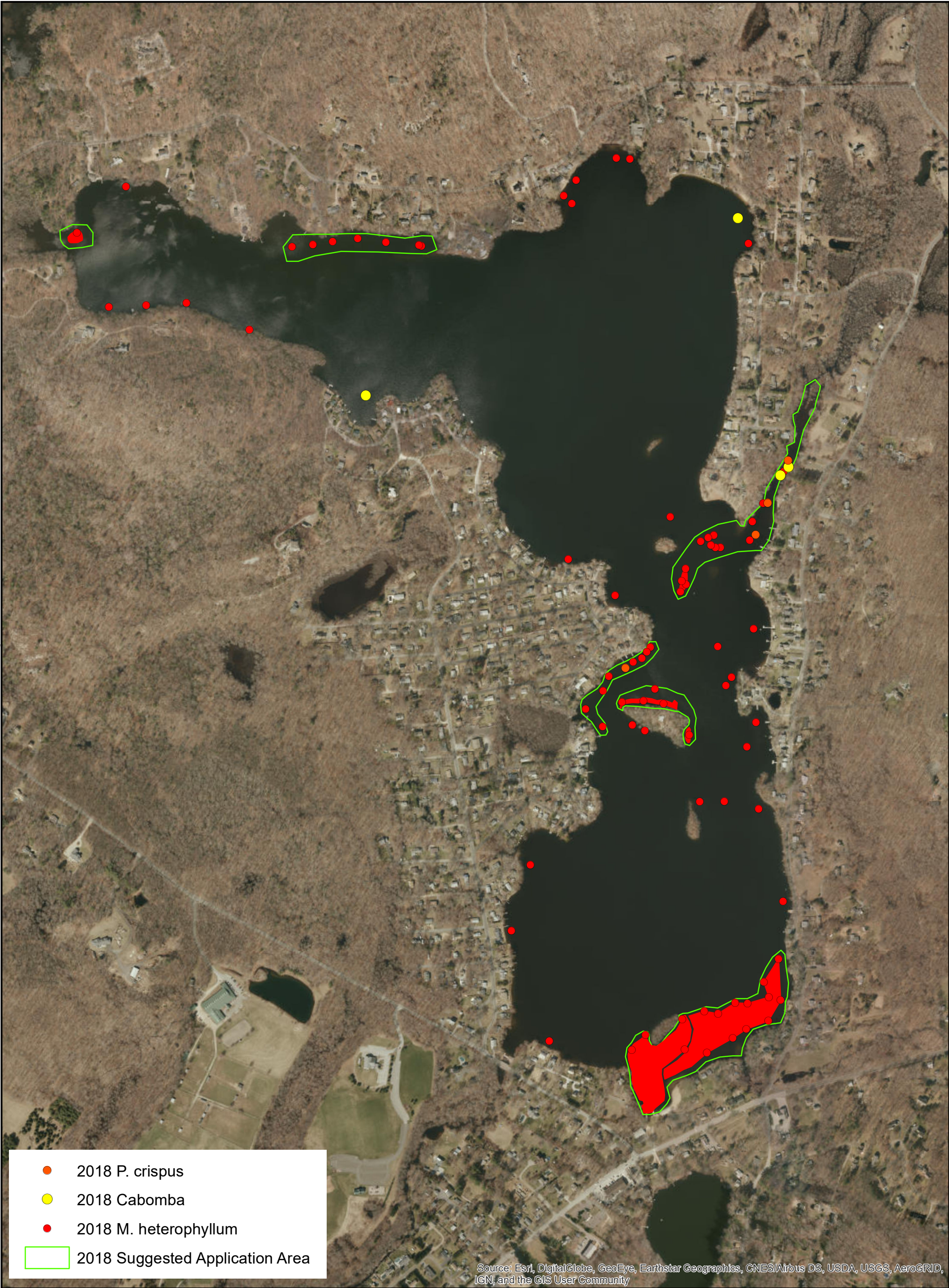
|                                                                                                                                             |                                                                                                          |                                                                                            |                                                  |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------|
| <br><b>SWCA</b> <sup>®</sup><br>ENVIRONMENTAL CONSULTANTS | <b>Figure 3</b><br><b>2018 Cabomba</b><br><b>caroliniana</b><br><b>Observations</b>                      | Data Source: Office of Geographic Information (MassGIS)                                    |                                                  |  |
|                                                                                                                                             | <b>Rogers Lake</b><br><b>Lyme &amp; Old Lyme, CT</b>                                                     | 30 cm Color Digital Ortho Image 2008/2009<br>Digital Parcel Standard, Level 3              |                                                  |                                                                                       |
| 30 Nov 2018<br>SWCA Job # 48737                                                                                                             | <br>0 0.05 0.1 Miles | <br>N | Latitude 41° 21' 36" N<br>Longitude 72° 18' 4" W |                                                                                       |





|                                                                                                                                                 |                                                                                                                                                 |                                                                                                                                                      |                                                                                           |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <p><b>SWCA</b><sup>®</sup><br/>ENVIRONMENTAL CONSULTANTS</p> | <p><b>Figure 4</b><br/><b>2018 Potamogeton</b><br/><b>crispus Observations</b></p> <p><b>Rogers Lake</b><br/><b>Lyme &amp; Old Lyme, CT</b></p> | <p>Data Source: Office of Geographic Information (MassGIS)</p> <p>30 cm Color Digital Ortho Image 2008/2009<br/>Digital Parcel Standard, Level 3</p> |                                                                                           |  |
|                                                                                                                                                 |                                                                                                                                                 | <p>30 Nov 2018<br/>SWCA Job # 48737</p>                                                                                                              | <p>0 0.05 0.1 Miles</p> <p>N</p> <p>Latitude 41° 21' 36" N<br/>Longitude 72° 18' 4" W</p> |                                                                                       |





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

2018 *P. crispus*

2018 *Cabomba*

2018 *M. heterophyllum*

2018 Suggested Application Area

SWCA<sup>®</sup>

ENVIRONMENTAL CONSULTANTS

**Figure 5**  
**2018 Observations**  
**and New Suggested**  
**Application Areas**  
  
**Rogers Lake**  
**Lyme & Old Lyme, CT**

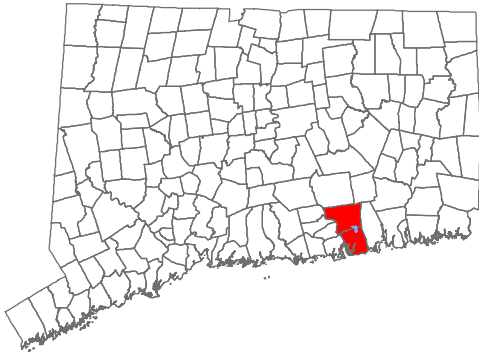
30 Nov 2018  
SWCA Job # 48737

Data Source: Office of Geographic Information  
(MassGIS)  
  
30 cm Color Digital Ortho Image 2008/2009  
Digital Parcel Standard, Level 3

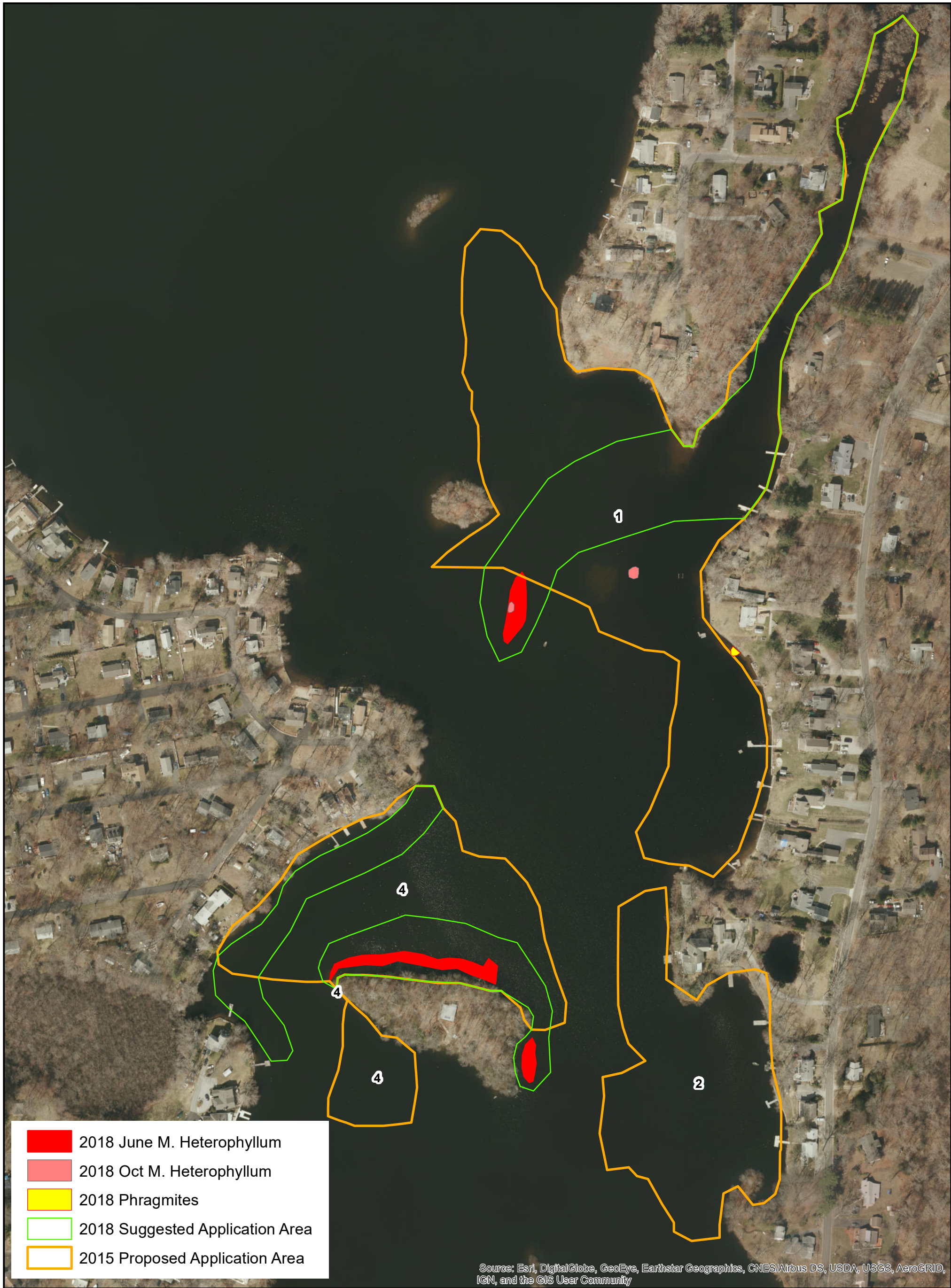
Miles  
0 0.05 0.1

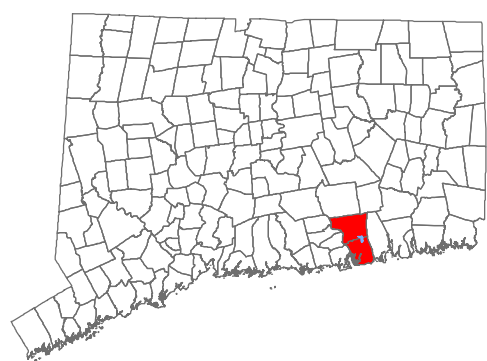


Latitude 41° 21' 36" N  
Longitude 72° 18' 4" W

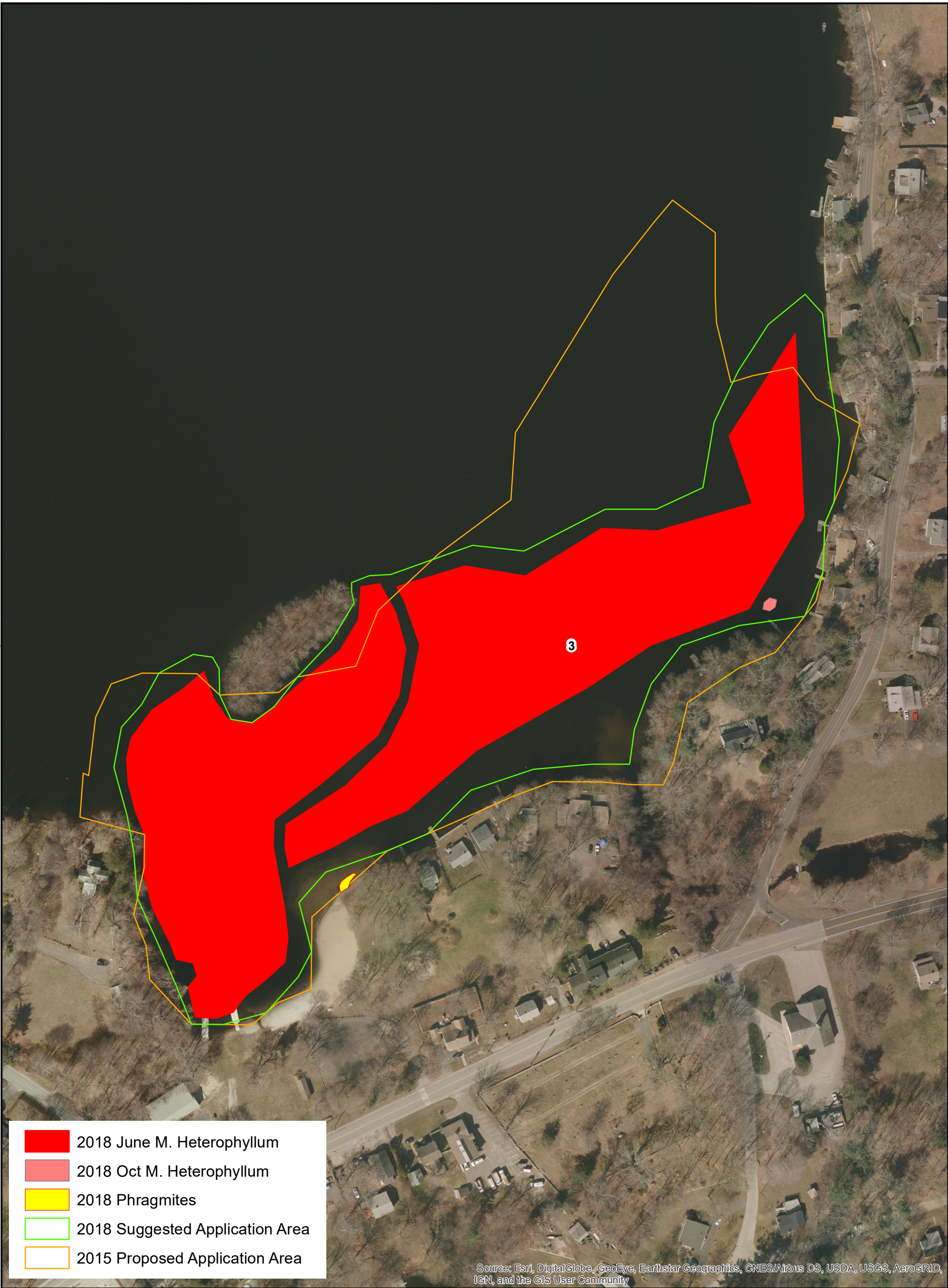






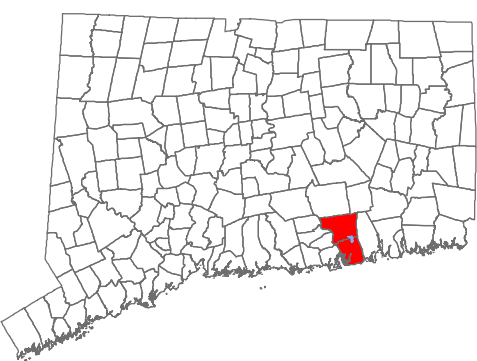
|                                                                                                                                     |                                                                                                                                                                         |                                                                                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <p><b>SWCA</b><br/>ENVIRONMENTAL CONSULTANTS</p> | <p><b>Figure 6</b><br/><b>October 2018</b><br/><b>M. heterophyllum</b><br/><b>Distribution Central</b></p> <p><b>Rogers Lake</b><br/><b>Lyme &amp; Old Lyme, CT</b></p> | <p>Data Source: Office of Geographic Information (MassGIS)</p> <p>30 cm Color Digital Ortho Image 2008/2009<br/>Digital Parcel Standard, Level 3</p> |  |
|                                                                                                                                     | <p>30 Nov 2018<br/>SWCA Job # 48737</p>                                                                                                                                 | <p>0 100 200 Feet</p> <p>N</p> <p>Latitude 41° 21' 36" N<br/>Longitude 72° 18' 4" W</p>                                                              |                                                                                       |



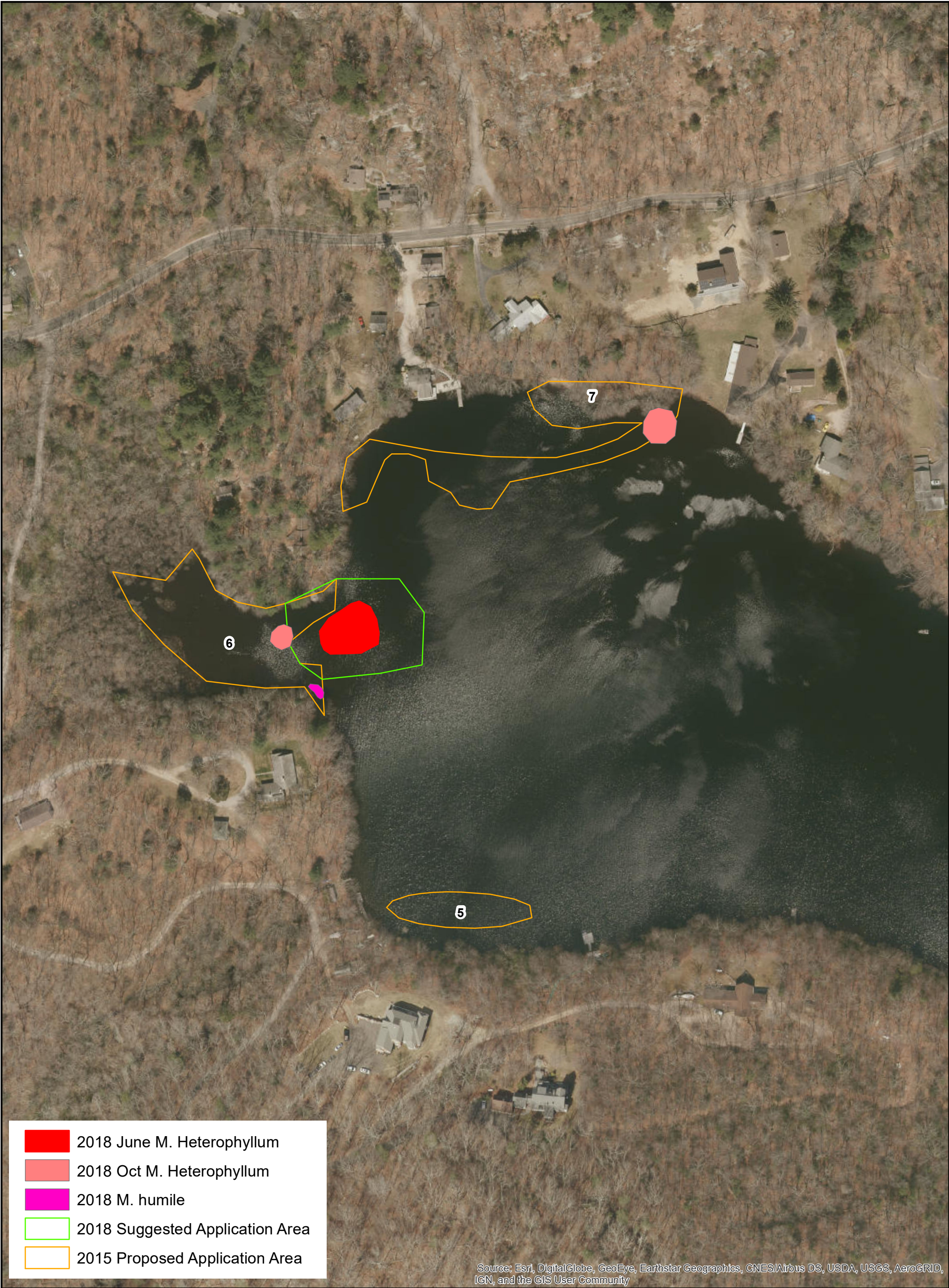


- 2018 June M. heterophyllum
- 2018 Oct M. heterophyllum
- 2018 Phragmites
- 2018 Suggested Application Area
- 2015 Proposed Application Area

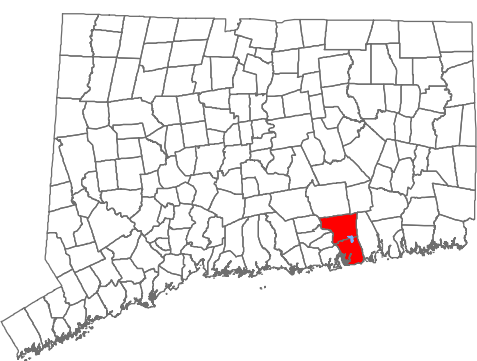
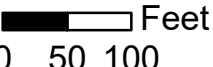
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

|                                                                                                                                     |                                                                                                                                                                       |                                                                                                                                                      |                                                                   |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <p><b>SWCA</b><br/>ENVIRONMENTAL CONSULTANTS</p> | <p><b>Figure 7</b><br/><b>October 2018</b><br/><b>M. heterophyllum</b><br/><b>Distribution South</b></p> <p><b>Rogers Lake</b><br/><b>Lyme &amp; Old Lyme, CT</b></p> | <p>Data Source: Office of Geographic Information (MassGIS)</p> <p>30 cm Color Digital Ortho Image 2008/2009<br/>Digital Parcel Standard, Level 3</p> |                                                                   |  |
|                                                                                                                                     | <p>30 Nov 2018<br/>SWCA Job # 48737</p>                                                                                                                               | <p>0 50 100 Feet</p>                                                                                                                                 | <p>N</p> <p>Latitude 41° 21' 36" N<br/>Longitude 72° 18' 4" W</p> |                                                                                       |



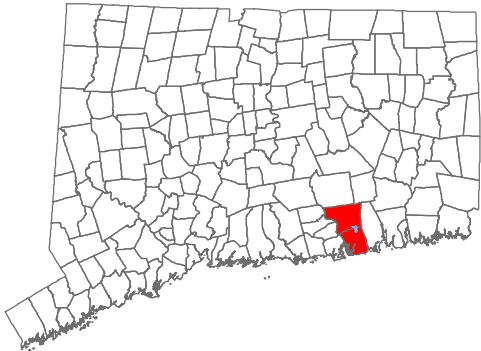


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

|                                                                                                                 |                                                                                                       |                                                                                            |                                                  |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------|
| <br>ENVIRONMENTAL CONSULTANTS | <b>Figure 8</b><br><b>October 2018</b><br><b>M. heterophyllum</b><br><b>Distribution Northwest</b>    | Data Source: Office of Geographic Information (MassGIS)                                    |                                                  |  |
|                                                                                                                 | <b>Rogers Lake</b><br><b>Lyme &amp; Old Lyme, CT</b>                                                  | 30 cm Color Digital Ortho Image 2008/2009<br>Digital Parcel Standard, Level 3              |                                                  |                                                                                       |
| 30 Nov 2018<br>SWCA Job # 48737                                                                                 | <br>0 50 100 Feet | <br>N | Latitude 41° 21' 36" N<br>Longitude 72° 18' 4" W |                                                                                       |





|                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <p><b>SWCA</b><br/>ENVIRONMENTAL CONSULTANTS</p> | <p><b>Figure 9</b><br/><b>October 2018</b><br/><b>M. heterophyllum</b><br/><b>Distribution</b><br/><b>Northcentral</b></p> <p><b>Rogers Lake</b><br/><b>Lyme &amp; Old Lyme, CT</b></p> | <p>Data Source: Office of Geographic Information (MassGIS)</p> <p>30 cm Color Digital Ortho Image 2008/2009<br/>Digital Parcel Standard, Level 3</p> |  |
|                                                                                                                                     | <p>30 Nov 2018<br/>SWCA Job # 48737</p>                                                                                                                                                 | <p>0 50 100 Feet</p> <p>N</p> <p>Latitude 41° 21' 36" N<br/>Longitude 72° 18' 4" W</p>                                                               |                                                                                       |