

# STATEWIDE OAK WILT JAN-MAY 2017 QUARTERLY UPDATE



Department of  
Environmental  
Conservation

Crews from New York State's Department of Environmental Conservation (DEC) and partner agencies continue to manage oak wilt at confirmed infection sites in 5 towns and 1 borough in New York State, including Brooklyn, Canandaigua, Islip, Riverhead, Scotia, and Southold. For background information on oak wilt, please visit: <http://www.dec.ny.gov/lands/46919.html>.

## Trees were removed to manage oak wilt

To decelerate possible disease transmission, trees were cut during leaf-off time and stumps of the removed infected trees were treated with herbicide. All infected wood was chipped, incinerated, or covered with clear plastic to eliminate the fungus in the wood.

- 7 oak trees were removed in Canandaigua on March 30<sup>th</sup>.
  - 2 trenches were installed with material barriers to prevent the spread of oak wilt to nearby healthy trees. Trenching was done in this site as part of an eradication tactic since this infection is isolated from all other areas.
- Green-Wood Cemetery removed the oak wilt-infected tree in Brooklyn.
- All 12 oak wilt-infected trees were removed from West Islip, Central Islip, Riverhead, and Southold by DEC, Wildwood State Park, and the Town of Southold.



*Trenches were installed with material barriers during the winter.*

## Insect traps were set by DEC and USDA FS

- 5 traps were set-up in Green-Wood cemetery and Prospect Park by DEC and USDA FS.
  - Traps will be checked biweekly by DEC.
  - USDA FS will check for the presence of oak wilt fungus on beetles caught.
- DEC installed 21 insect traps in Canandaigua and 21 were installed in Central Islip.
  - Traps will be checked biweekly by DEC.
  - Trap results will help DEC improve future trapping for oak wilt and help identify which bark beetle species may be spreading the disease



*DEC staff installs traps to study insects that can spread oak wilt*

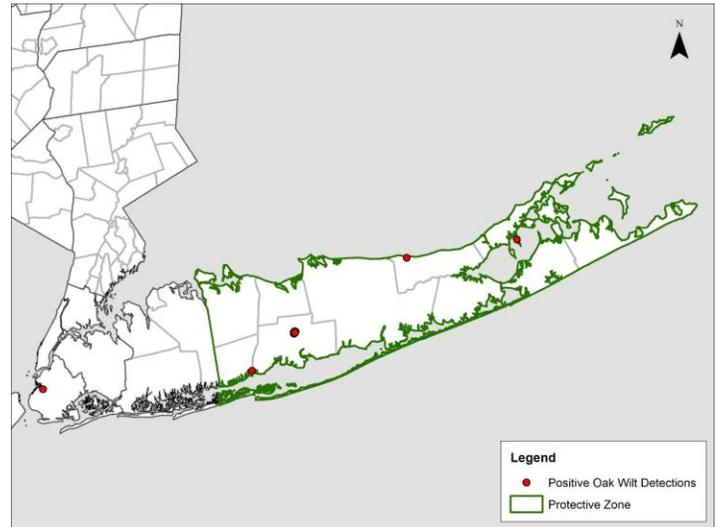
## Monitoring

Aerial and ground surveys will be focused around the infection centers. Trees have been tagged in the Suffolk and Brooklyn Protective Zones for monitoring during the growing season, which will happen on a bi-weekly basis.

- 123 trees in Islip, 31 trees in Southold, 2 trees in Riverhead and 8 trees in Green-Wood cemetery.

## 2017 Protective zone establishment.

- Protective zones were established surrounding the infection in Brooklyn and Canandaigua March 23<sup>rd</sup>.
- The Central Islip Protective Zone has been expanded to Suffolk County since oak wilt was confirmed in 4 locations within the county.
  - The permitting process for nursery stock is being finalized by NYS DAM
  - The permitting process for wood movement is being finalized by NYS DEC.



A map showing the expanded Protective Zone in Suffolk County.



A map showing the Protective Zone established surrounding the infection in Canandaigua.



A map showing the Brooklyn Protective Zone

## CONTACT INFORMATION

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