



**DURHAM COUNTY NC**  
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# Voluntary Apiary Registration in Durham, NC

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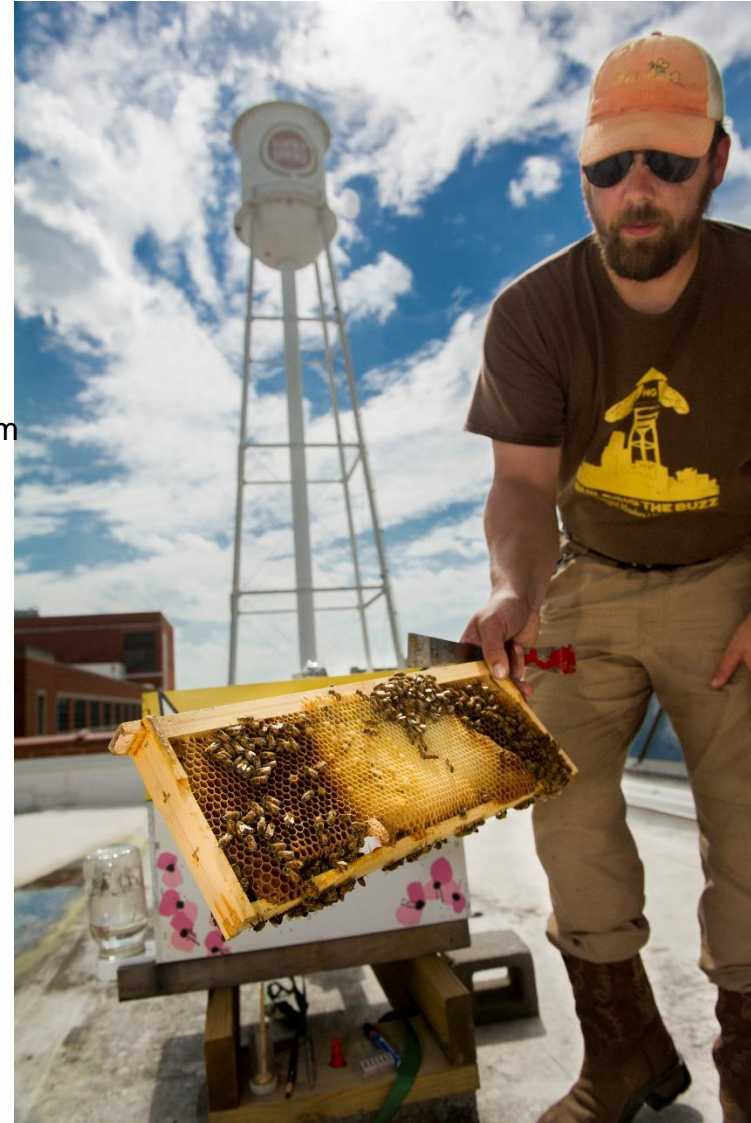
&

President  
Durham County Beekeepers Association

# Overview

“First, let me be clear, **Durham County does not currently spray for mosquitoes.** Secondly, **Durham has no localized transmissions of Zika virus spreading due to mosquitoes.** Facts on the table, things can change. In the event of localized transmission of Zika virus, isolated spraying is an option that will be considered by Durham County. This will mean spraying in a targeted area, using backpack sprayers, similar to those used by local mosquito control companies already operating in Durham.”

- Reasoning
- Implementation
- Results and Going Forward





# Reasoning

- Preparedness!
- Educational opportunity regarding mosquito prevention and the spread of Zika virus
  - Tip and Toss
  - Aerial spraying vs hand spraying
  - Insecticide types
- Current events and press coverage
- State apiary registration only covers aerial spraying, primarily used in agriculture settings. Durham is comprised mainly of backyard beekeepers.



# Implementation

2017Apiary\_Zika\_Helpsheet(1).pdf - Adobe Acrobat Reader DC

File Edit View Window Help

Home Tools RSCourses(6).pdf 2017Apiary\_Zika\_H... x Sign In

Step 1: Go to <http://compass.durhamnc.gov/>

Step 2: Search the address of your honeybee apiary

Step 3: Select Blockgroup or Neighborhood

Step 4: Blockgroup or Neighborhood will appear here. Write down the identifier, along with your name, number, and email address. Send requested information by email/or phone: Environmental Health [Myearoun@DCoNC.gov](mailto:Myearoun@DCoNC.gov) 919-560-7803

NOTE:  
In the event of localized transmission of Zika virus, Durham County may engage in targeted spraying for mosquitoes. Durham beekeepers may voluntarily register their honeybee apiaries. Those in proximity to ground spraying will be notified so that they may move or cover their hives accordingly. Voluntary registration only covers ground spraying by Durham County. To register for aerial spraying go to <http://www.ncagr.gov/PlantIndustry/>

Why is this important?  
Residential building permit values reflect active investment in property, whether improvements or maintenance for existing residences or

Additional Resources  
Durham Office of Economic and Workforce Development

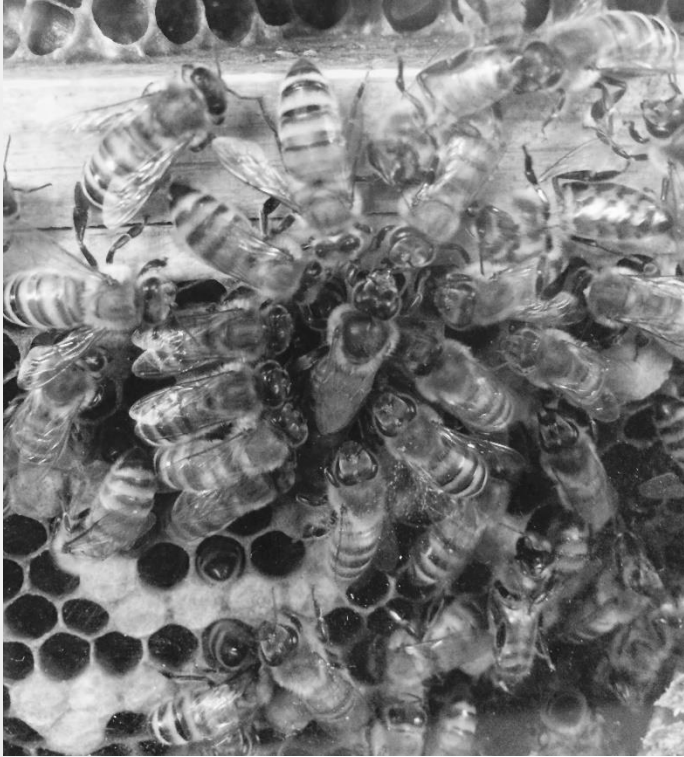
Neighborhood Measure  
Overview  
Find My Location  
Infrastructure & Amenities  
Education  
Economy  
Land Use Density  
Residential Building Permit Values  
Commercial Building Permit Values  
Residential Certificates of Occupancy  
Commercial Certificates of Occupancy  
Housing

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- Registration using Durham Neighborhood Compass, Block Group or Neighborhood Identifiers
- Processed in house using a simple spreadsheet and GIS
- Outreach through DCBA meetings and listserv



# Results



## Results

- No Zika Outbreaks so untested
- Poor participation

## Going Forward

- A local outbreak may increase registration
- Simplifying steps may also increase participation



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Thank You!



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