

# Tracking the Spread of *Aedes albopictus* in a County



**PennState Extension**

Tom Smith - West Nile Virus Program Administrator  
Keep York Beautiful Executive Director  
York County

*Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.*

**[extension.psu.edu](http://extension.psu.edu)**

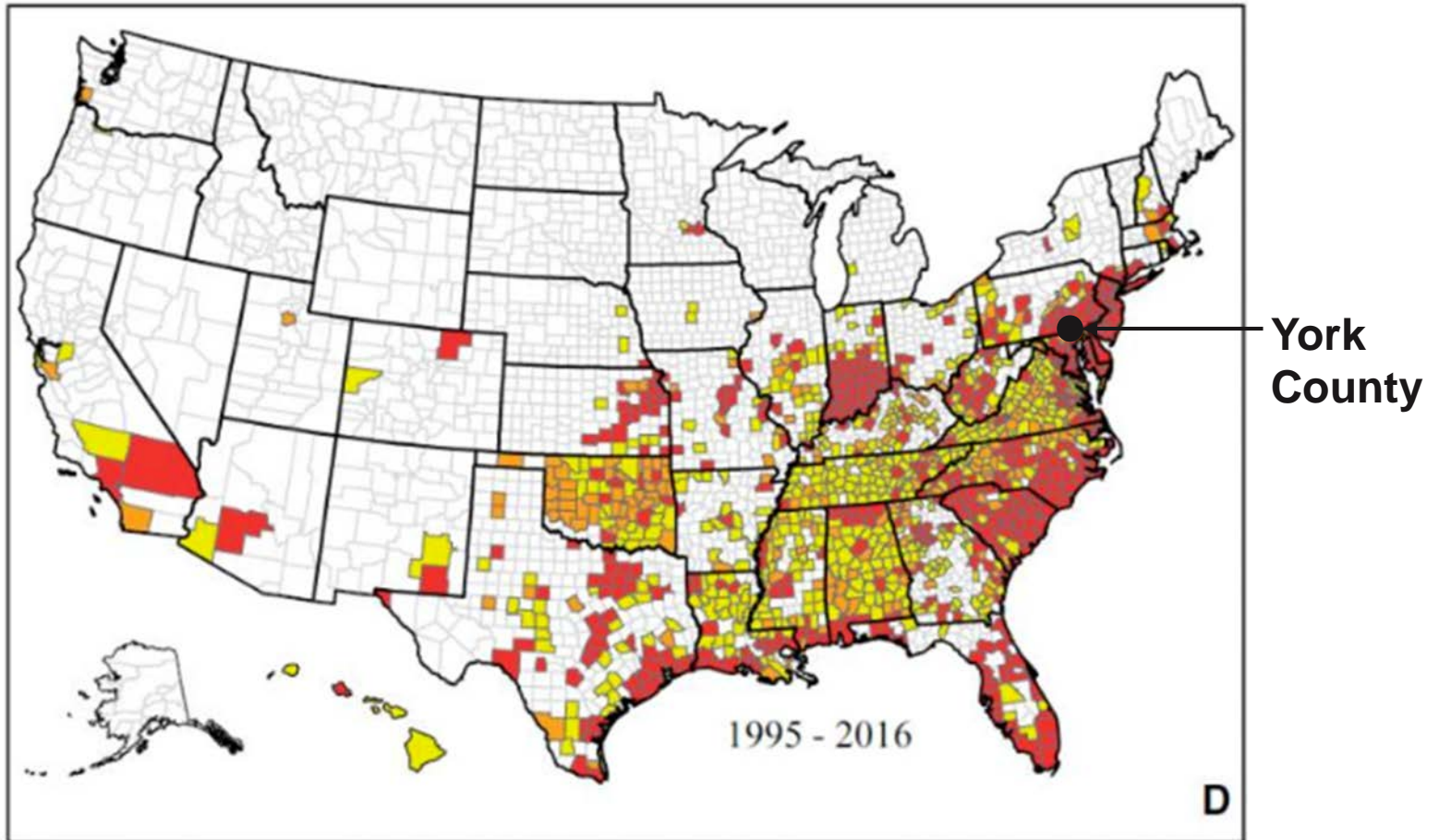
# *Aedes albopictus*



# Flying Distance of *Aedes albopictus*



# Asian Tiger US Expansion



Map shows counties where *Aedes albopictus* have been collected:  
Yellow – 1 Year, Orange – 2 Years, Red – 3 Years or more.

# York County Hub For Interstate Commerce



 Interstate Highways  US Highways  Toll Roads 0 50 KM 50 Miles © geology.com

# York County – 20+ Salvage Yards



# York County Manufacturing



# York County West Nile staff Perform PA CleanWays Illegal Dump Survey



2008-2009, 274 sites found!  
Habitat was just waiting for Asian  
Tiger mosquitoes.

Visit [www.keppabeautiful.org](http://www.keppabeautiful.org)

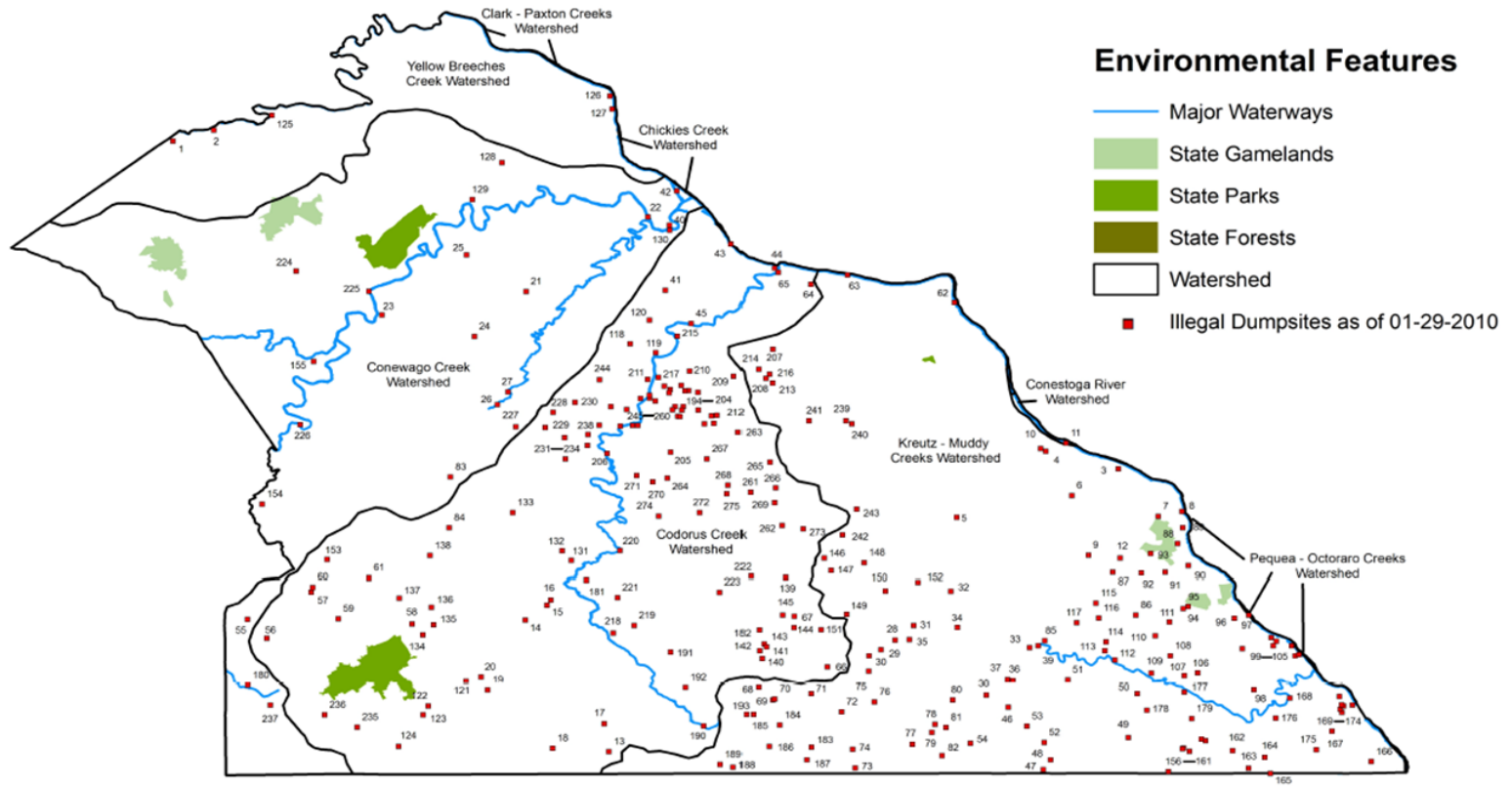






# York County, Pennsylvania Illegal Dumpsites and Environmental Features January 2010

Attachment 3

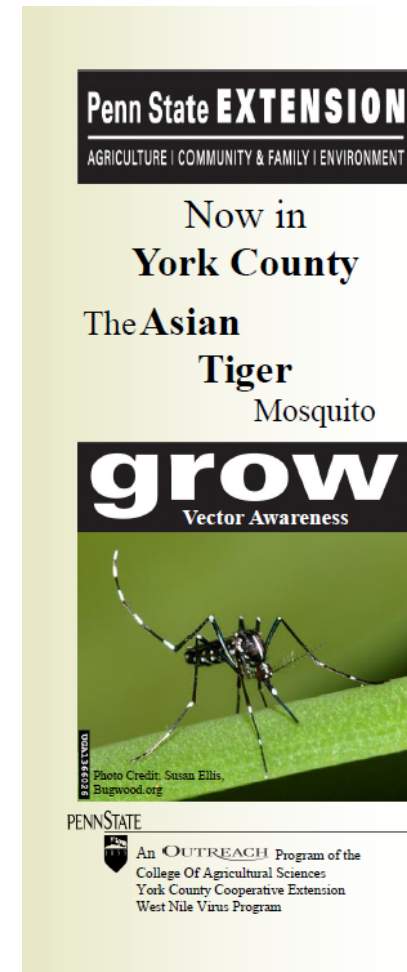


© 2010 PA CleanWays  
Map Prepared by Yongfei Zhao  
UCSUR, University of Pittsburgh



# Now Our Third Most Mosquito Collected

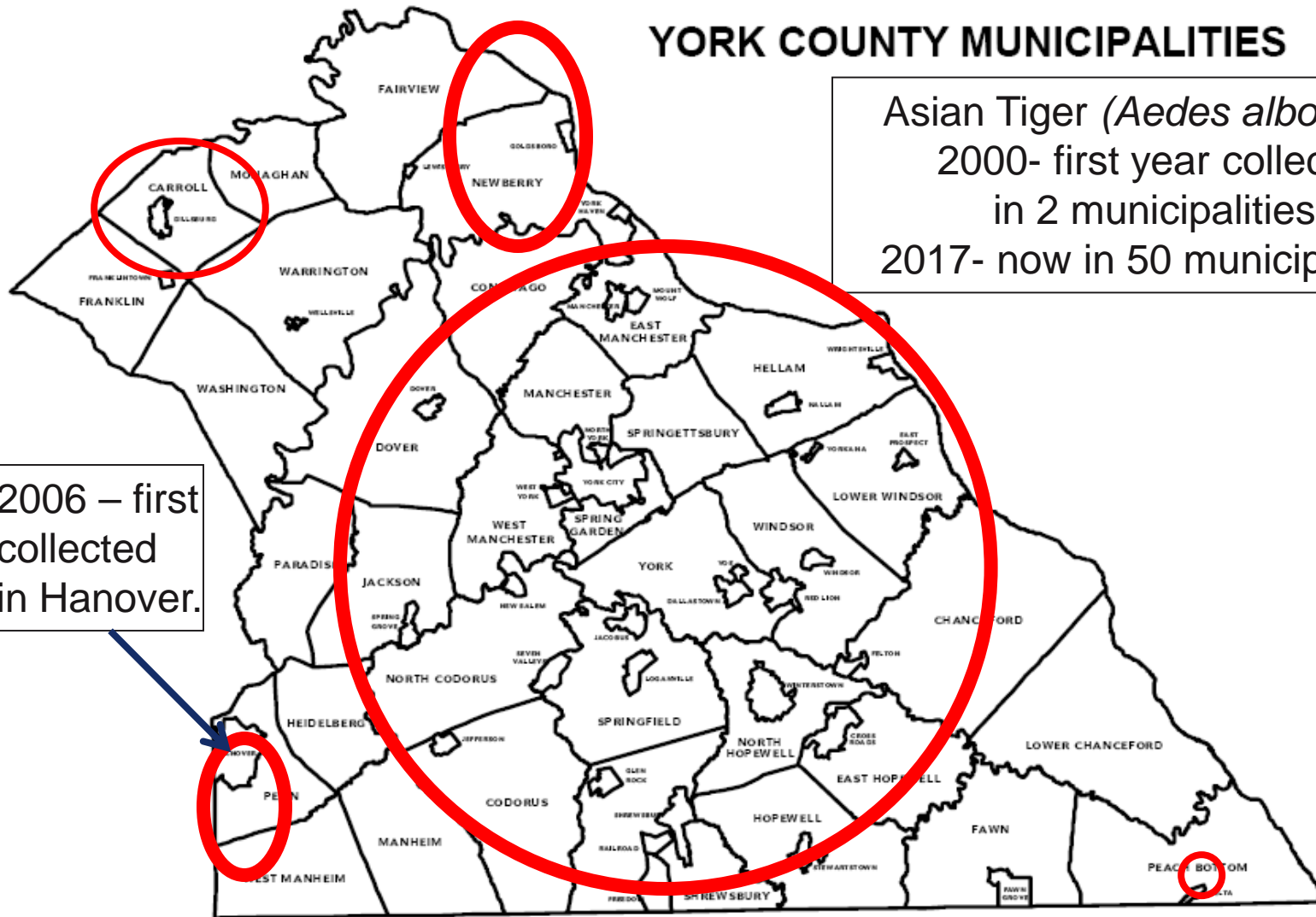
- 2002 – end of September & early October
- 2005 – June 26th
- 2006 – June 14th
- 2007 June 13th
- 2008-May 29th York City
- 2009 - June 10th York City
- 2011 - May 27th Springettsbury
- 2012 – **April 10th** Windsor
- 2013 – May 10th York City
- 2014 – May 20th York City
- 2015 – May 29th, Springettsbury
- 2016 – June 7th, Hanover
- 2017 – April 18<sup>th</sup>, Springettsbury



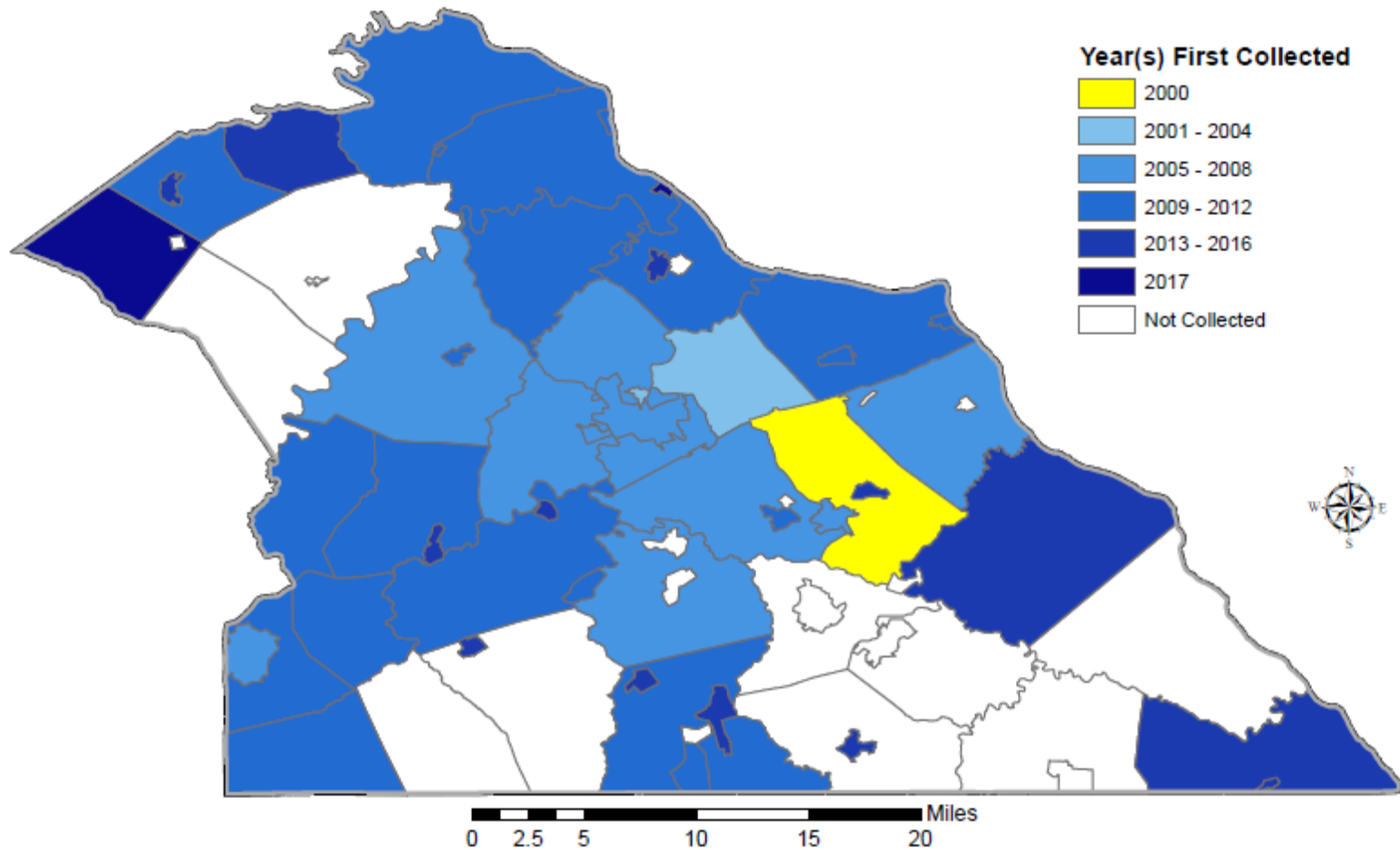
# YORK COUNTY MUNICIPALITIES

Asian Tiger (*Aedes albopictus*)  
2000- first year collected  
in 2 municipalities.  
2017- now in 50 municipalities.

2006 – first  
collected  
in Hanover.



Pennsylvania West Nile Virus Program  
*Aedes albopictus* Collection by Municipality



# 2008 Start of Complaints Calls



# Complaints at Community Parks



# York Catholic Cleans Up

With assistance from:

York Water Company

Glatfelter Paper

York County Parks

Conservation District

and more.



# Hanover residents share concerns, questions for media at town hall

*A range of issues, from spraying to limit mosquitoes and West Nile virus and the status of the Hanover State Theatre to traffic problems and **feral cats**, were brought up during the hour-long meeting, sponsored by The Evening Sun and WGAL News.*  
Posted: 09/06/2012

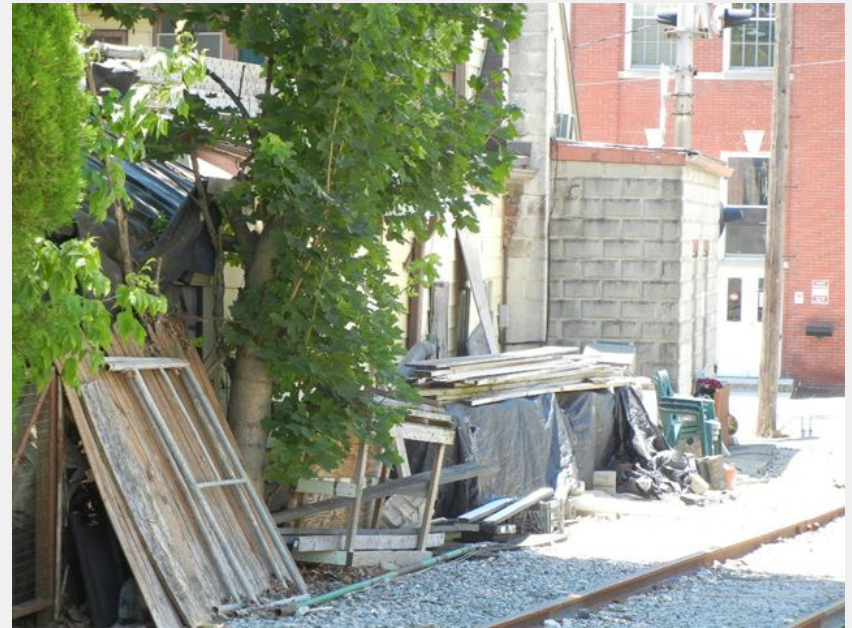




# Hanover has Issues with Abandoned Property



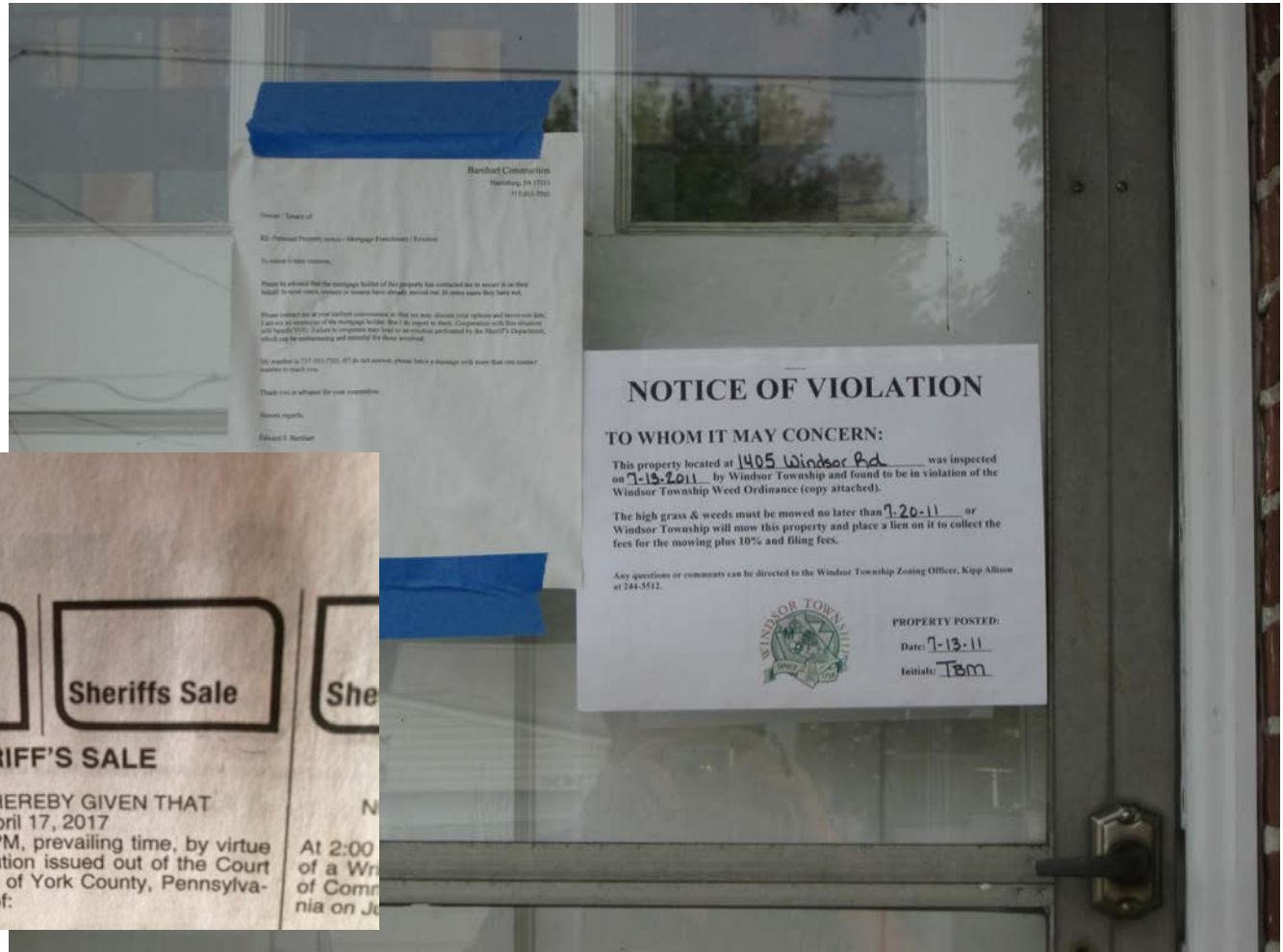
# And More Abandoned Properties



# Hanover Mall Sears Automotive Center



# York County – Foreclosures



Bankhart Construction  
Harrisburg, PA 17111  
717.653.7953

Owner: [Redacted]

RE: Potential Property Issues - Mortgage Foreclosure - Eviction

To whom it may concern,

Please be advised that the mortgage holder of this property has contacted me to assist it on their behalf to meet with property owners have already advised me, in some cases they have not.

Please contact me if you wish to discuss in that we may discuss your options and how to proceed. I am not an attorney of the mortgage holder. But if it comes to that. Cooperation with the situation will benefit you. Failure to cooperate may lead to an eviction petitioned by the Sheriff's Department, which can be embarrassing and stressful for those involved.

My number is 717.653.7953. If I do not answer, please fax to a message with your contact number to reach me.

Thank you in advance for your attention.

Sincerely regards,  
Edward J. Runkle

Sheriffs Sale      Sheriffs Sale      She

**SHERIFF'S SALE**

NOTICE IS HEREBY GIVEN THAT  
April 17, 2017

At 2:00 O'Clock, PM, prevailing time, by virtue of a Writ of Execution issued out of the Court of Common Pleas of York County, Pennsylvania on Judgment of:

At 2:00  
of a Writ  
of Common  
Law on Judgment


**NOTICE OF VIOLATION**

**TO WHOM IT MAY CONCERN:**

This property located at 1405 Windsor Rd was inspected on 7-13-2011 by Windsor Township and found to be in violation of the Windsor Township Weed Ordinance (copy attached).

The high grass & weeds must be mowed no later than 7-20-11 or Windsor Township will mow this property and place a lien on it to collect the fees for the mowing plus 10% and filing fees.

Any questions or comments can be directed to the Windsor Township Zoning Officer, Kipp Allison at 244-3512.

 PROPERTY POSTED:  
Date: 7-13-11  
Initials: TBM

# York County - Waste Tires



**A New Gas Line Across the County**

# York County - Waste Tires



**Dairy Farms Using Tires to Hold Down Silage Covers**

# York County - Waste Tires



**Illegal Dumping of Tires**

# 2011-2012 Participated in Rutgers University Study



YorkCityHealthDEPT\_April2011.pdf - Adobe Reader

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Comment Share

## Public Health Points

**York City Bureau of Health**  
**Volume 26, Issue 10** Phone: 717-849-2252 Fax: 717-852-9397 **April 2011**  
[www.yorkcity.org](http://www.yorkcity.org)


### York City to be Part of Asian Tiger Mosquito Management Project

Penn State Cooperative Extension – York County West Nile Virus Program is cooperating with Pennsylvania Department of Environmental Protection and Rutgers University in a two-year program using ovitraps to collect data on early populations of Asian tiger mosquitoes and to develop effective control strategies. For the past two years the Asian tiger species has been the third most collected mosquito species in York County.

During the first year of implementing this program, ovitraps will be placed at 25 sites within a one-kilometer square area of York City and will be checked weekly by program staff. Ovitrap are urn-shaped traps used to monitor Asian tiger mosquito egg laying activity.

During the second year, weekly collections from ovitraps will continue and control efforts may be instituted to control the Asian tiger mosquito populations. Control efforts may include habitat reduction and the use of area-wide pesticides. Pesticides to be used will be the same products used in Pennsylvania, including various locations in York County, to control mosquito-associated West Nile Virus over the last 10 years.

The success of this program is critical to developing a mosquito control strategy specific to the Asian tiger mosquito and reducing the risk of West Nile fever and dengue fever. In 2010, Pennsylvania had 20 imported human cases of dengue fever. Dengue is endemic in Puerto Rico and Florida, as well as most tropical countries. Current methods of mosquito control do not provide any long-term relief from Asian tiger mosquito populations.



Reported Cases	Mar.	Total
Animal Bites	2	3
Campylobacter Enteritis	0	1
Chlamydia	40	125
Gonorrhea	6	24
Hepatitis B	2	3
Hepatitis C	10	34
HIV Infection	0	4
Influenza Type A	4	17
Influenza Type B	2	2
Invasive Group A Beta-Strep Disease	1	4
Lead Poisoning	4	9
Lyme Disease	0	1
Pertussis	0	1
Respiratory Syncytial Virus Infection	12	39
Salmonellosis	1	3
<b>Total Case Reports</b>	<b>84</b>	<b>270</b>

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# Our Test Site – Fireside, York City

Penn State **Extension**

## Asian Tiger Mosquito

Area-wide Management Project

2011-2012  
York, Pennsylvania


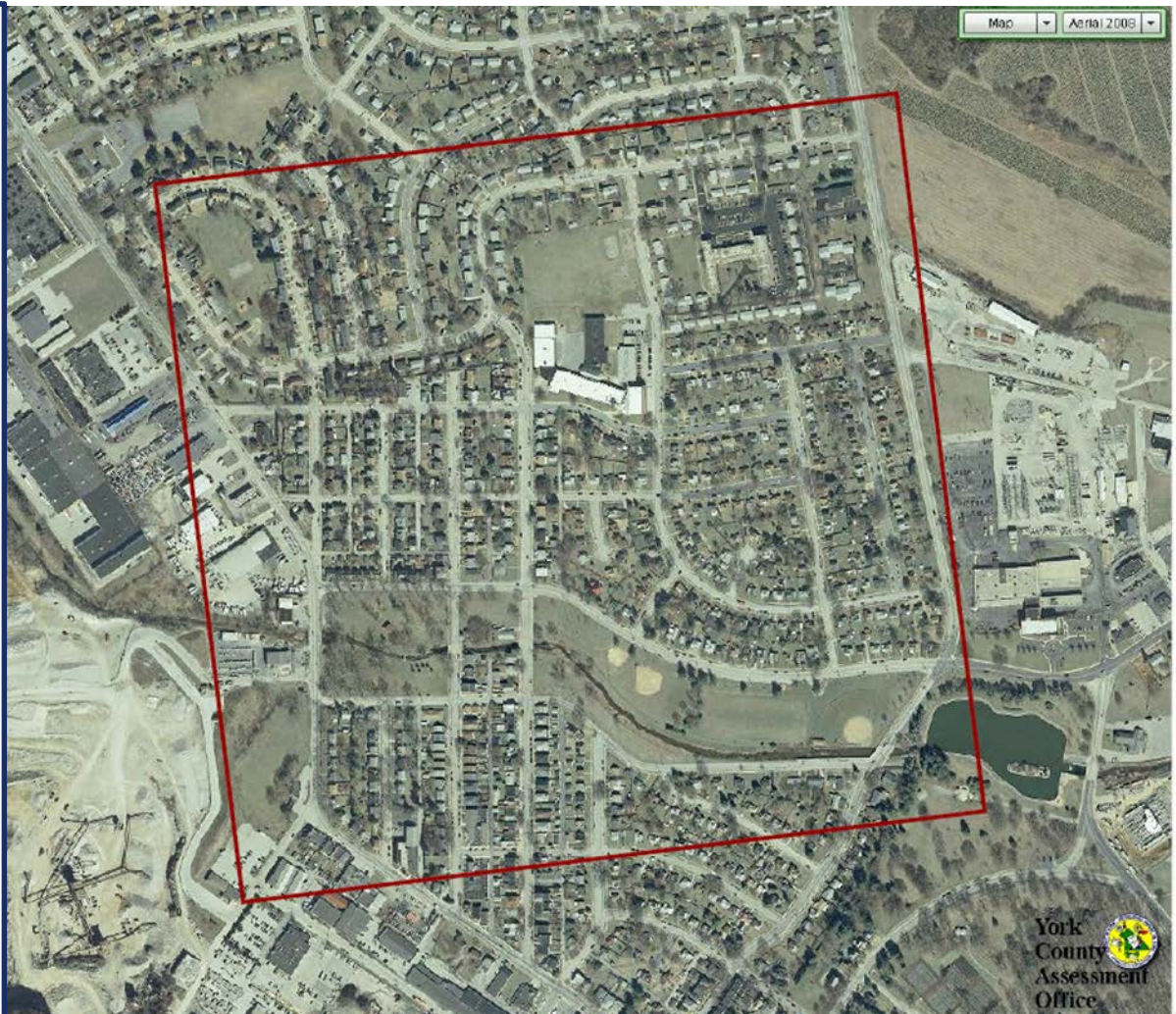


Photo Credit: Susan Ellis, Bugwood.org  
9229515708  
extension.psu.edu

**PENNSTATE**  
Cooperative Extension  
College of Agricultural Sciences



# Stormwater Management



# Spy Missions



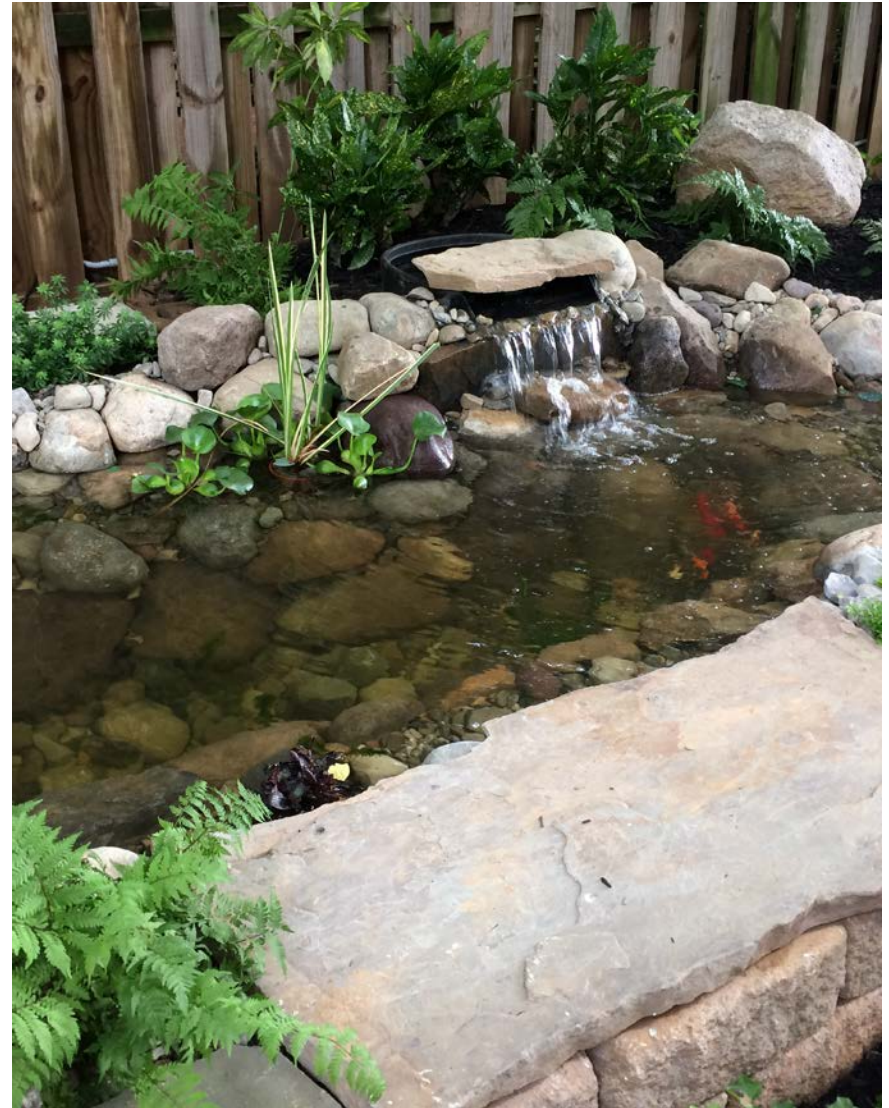
# Spy Missions



# Spy Missions






# Spy Missions





# Spy Missions

CL baltimore > for sale > auto parts - by owner post | account


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reply    prohibited  Posted about a month ago [print](#)

☆ **Tons of Jeep Parts - \$1 (Delta)** 



**OFFROAD AFTERLIFE**  
Jeep Parts Specialist  
114 Slateville Rd  
Delta PA 17314



Jefferey Barron  
Owner/operator  
443-508-1083  
Offroadafterlife@gmail.com

**OFFROAD  
AFTERLIFE**

Im parting out 70+ Jeeps. Cherokees, Grand cherokees and a couple of liberty's. I will beat most pick and pull prices and I pull the parts.

- Coil pack motor (\$500) if available
- 4.0 for cherokee w/accessories (\$350)
- 4.0 for 00-04 Grand Cherokee \$600
- 4.7 motor w/accessories \$700-1000
- Aw4 transmission (\$150)

# Credit and Thanks to!

- Andy Kyle
- Matt Helwig
- Mike Hutchison
- Christian Boyer
- Jennifer Stough
- Lee Graybill
- Becky Zolko
- and many more!



# *Questions?*

# *Thank you*

Contact Information:

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[TLS35@psu.edu](mailto:TLS35@psu.edu)

717-840-2375

West Nile Virus Program Administrator

Penn State Extension - York

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York, PA 17402

[Extension.psu.edu](http://Extension.psu.edu)

Executive Director

Keep York Beautiful 501(c)3 non profit

[www.facebook.com/KeepYorkBeautiful](http://www.facebook.com/KeepYorkBeautiful)