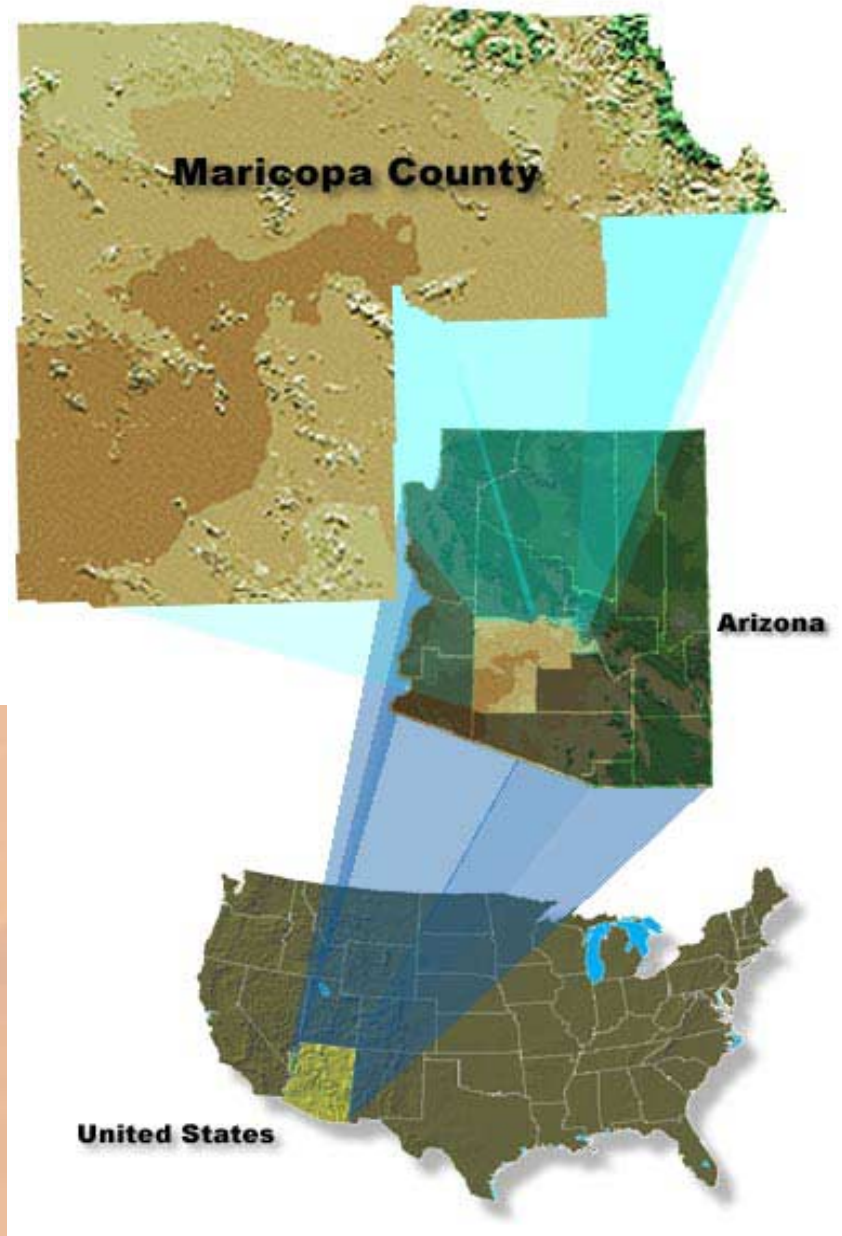
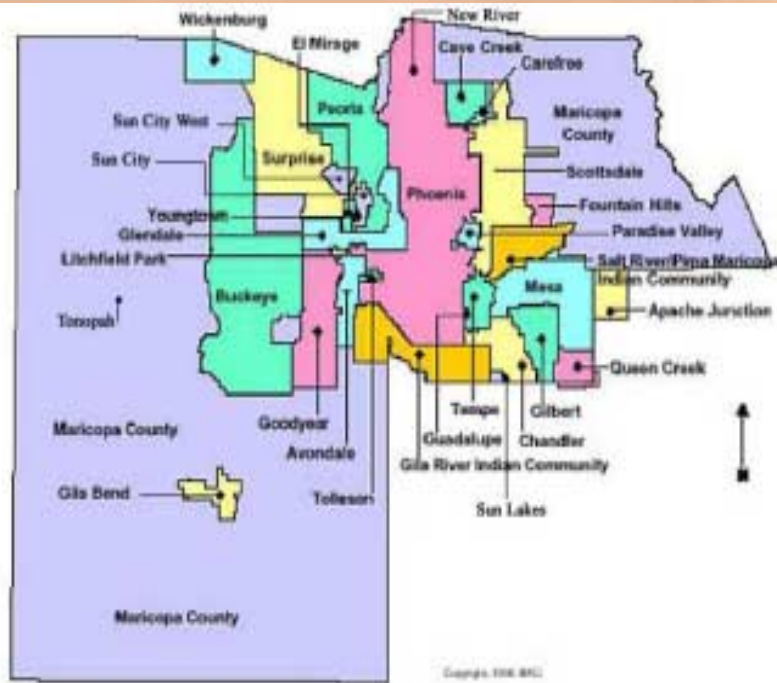


# Maricopa County 2004 West Nile Virus Response



John Townsend

Maricopa County Environmental Services,  
Vector Control Program Manager



9,226 square miles  
population 3,200,000  
4th most populous county  
14th largest county

But It's a Dry Heat....Right?

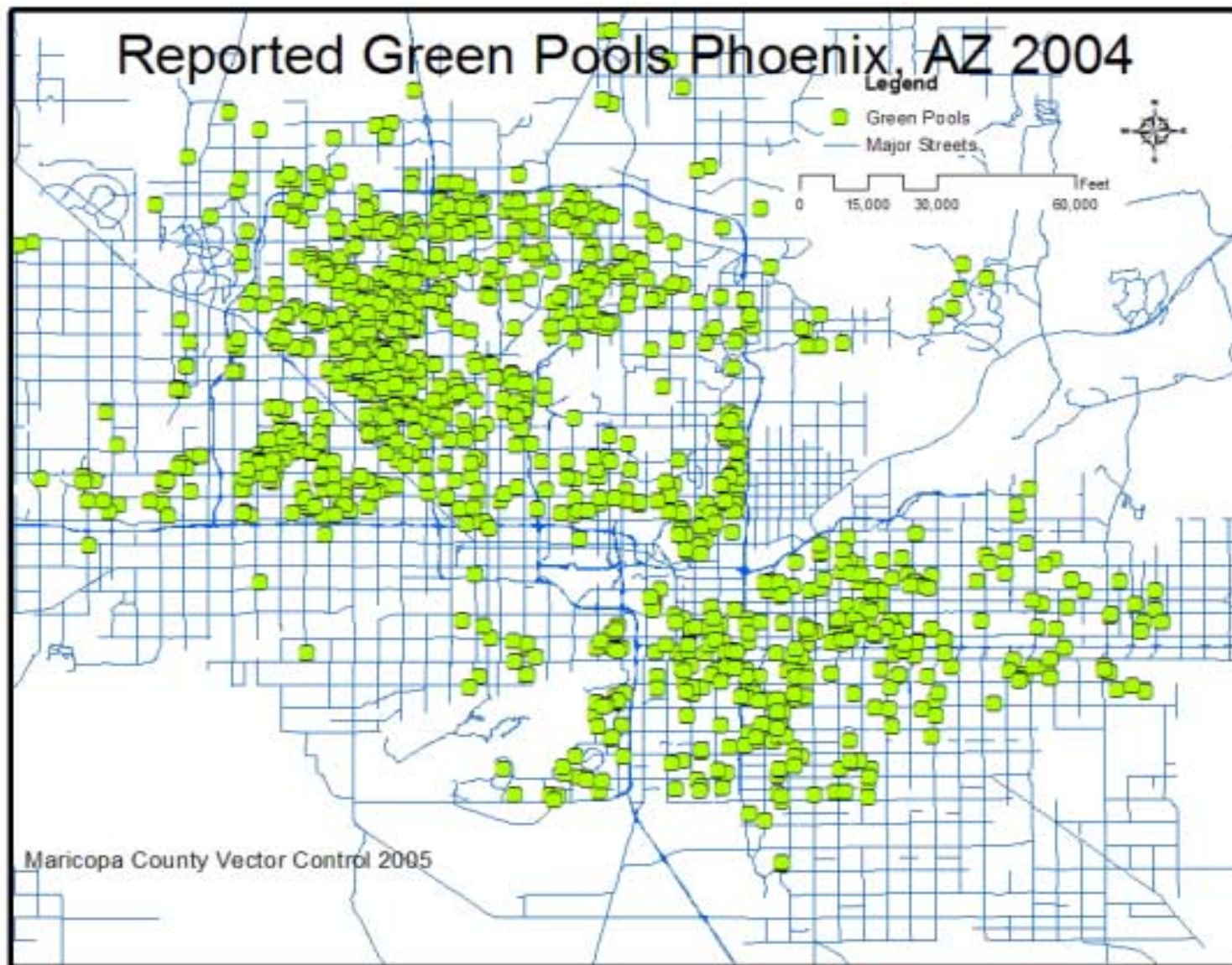


**There are approximately  
300,000 swimming pools  
located within Maricopa  
County**

**A Conservative Estimate  
is that ~ 15,000 are Poorly  
Maintained**



# Reported Green Pools Phoenix, AZ 2004



Aprox. 10% of pools are grn  
353 pools 37+ grn lsg mile

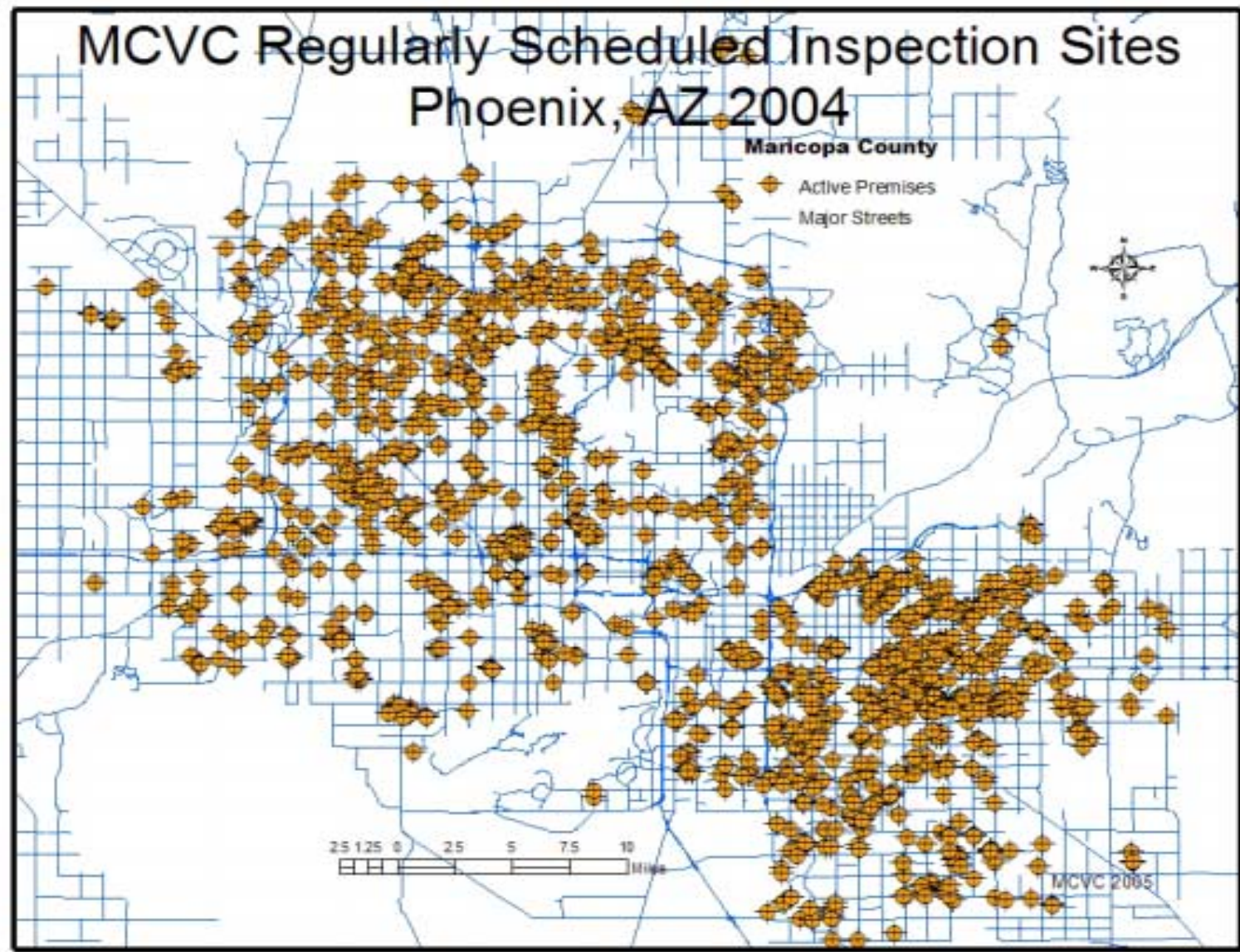
Old West Estate Retention Basin



keyhole

keyhole.com

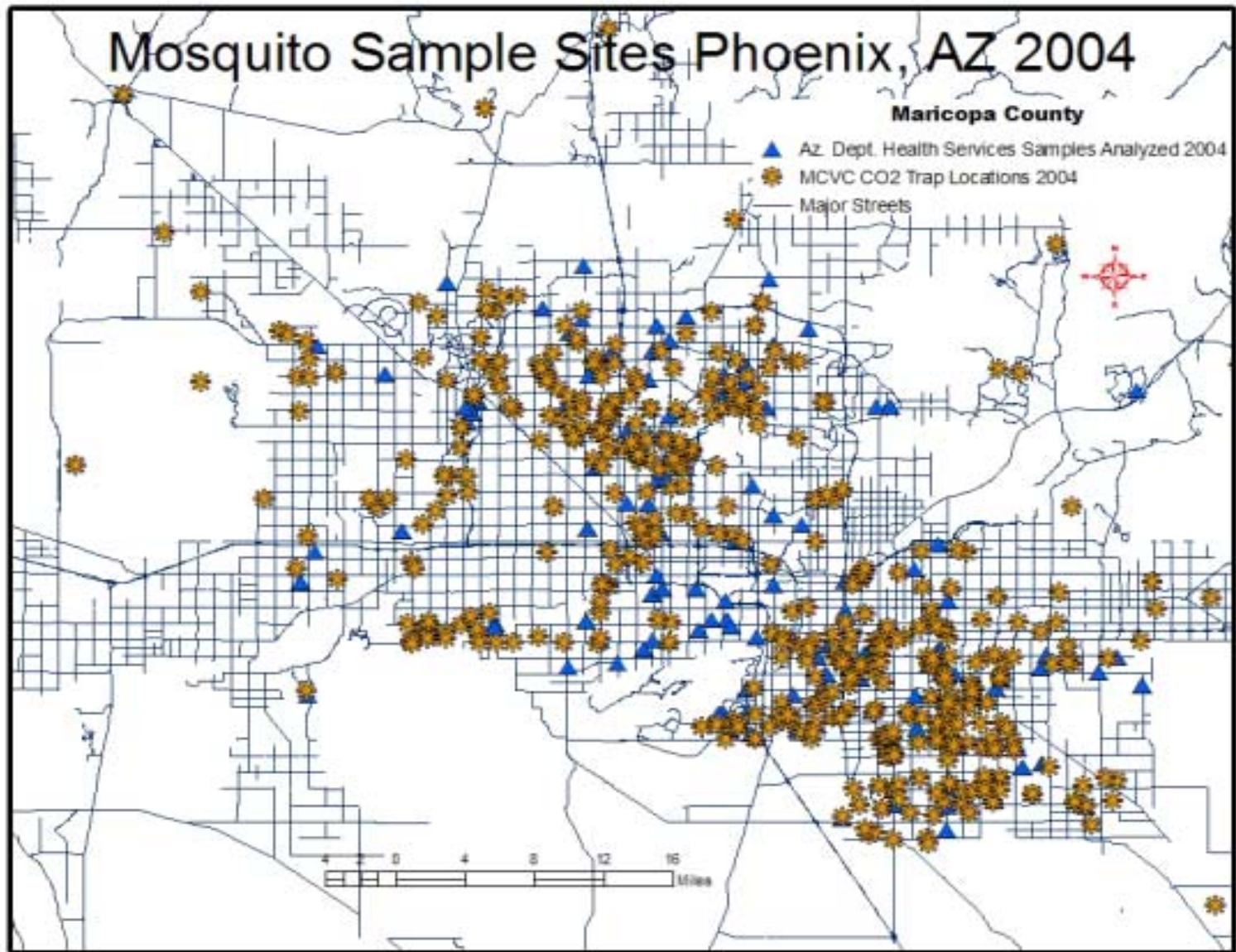
# MCVC Regularly Scheduled Inspection Sites Phoenix, AZ 2004



# Mosquito Sample Sites Phoenix, AZ 2004

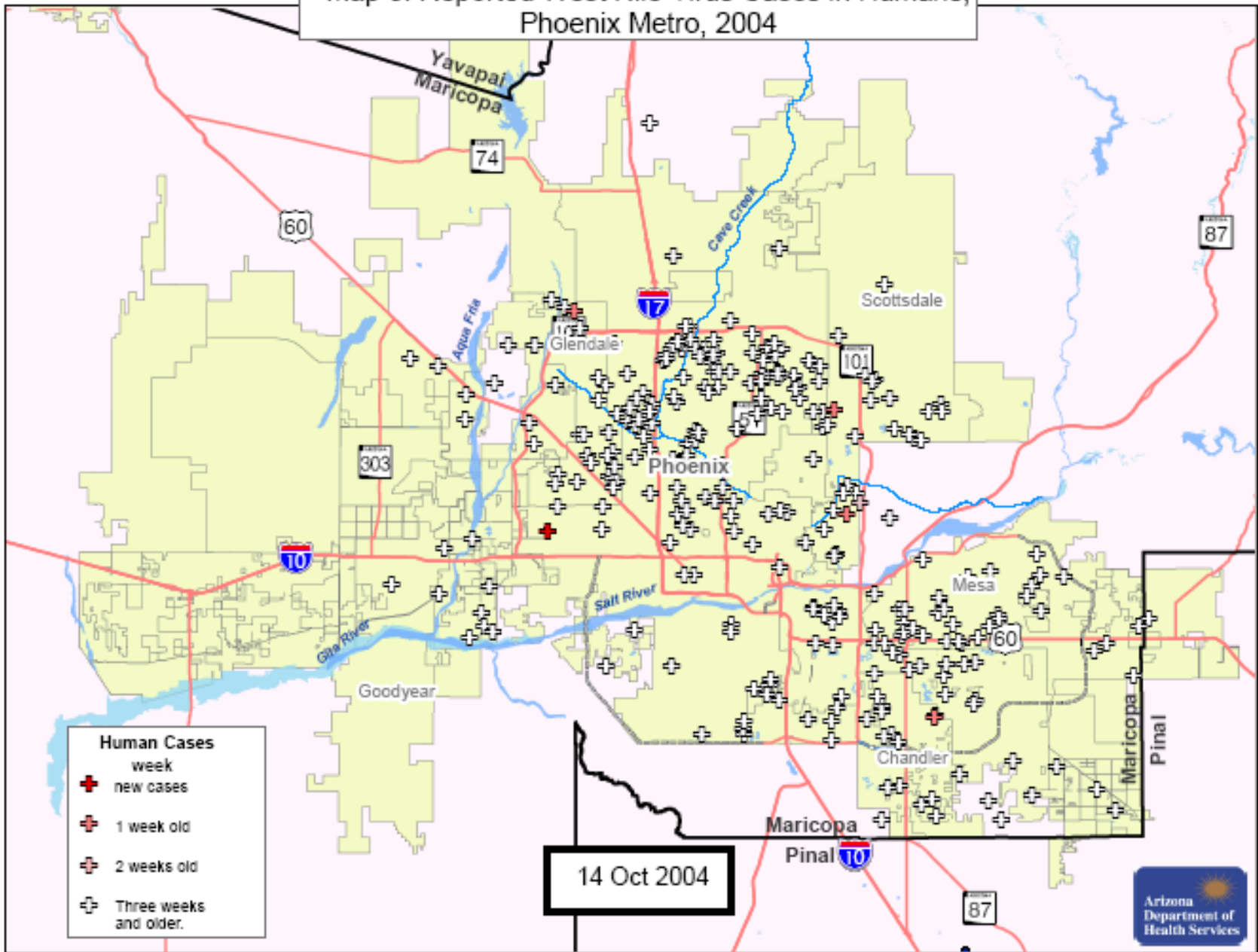
Maricopa County

- ▲ Az. Dept. Health Services Samples Analyzed 2004
- ✿ MCVV CO2 Trap Locations 2004
- Major Streets





# Map of Reported West Nile Virus Cases in Humans, Phoenix Metro, 2004





Ground Based



Adulticiding Equipment



**Adulticiding**

**2004**

**2003**

**1,521,355ac.**

**60,889ac.**

**Equipment**

**34 ULV Units**

**7 ULV Units**

**Staffing**

**11 fte ,35 seasonal, 90+\***

**11**

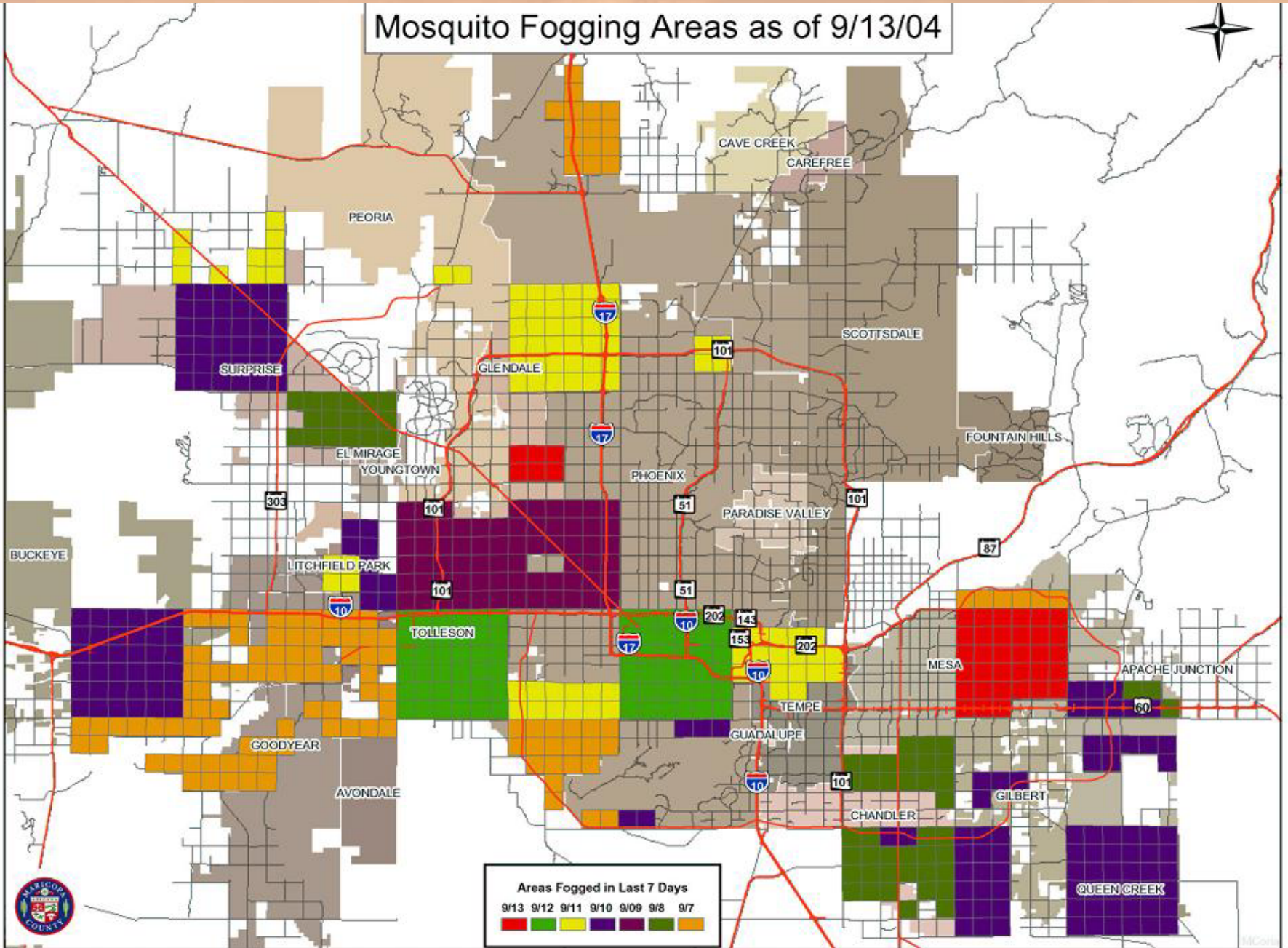
**Citizen Complaints**

**10,876**

**3,764**

\* employees within Environmental Services and other Maricopa County Departments

# Mosquito Fogging Areas as of 9/13/04



# Focus for 2005



**Aggressive year round larviciding**



**Enforcement actions on bad pool owners**



**Increased surveillance**



**Thank You**