

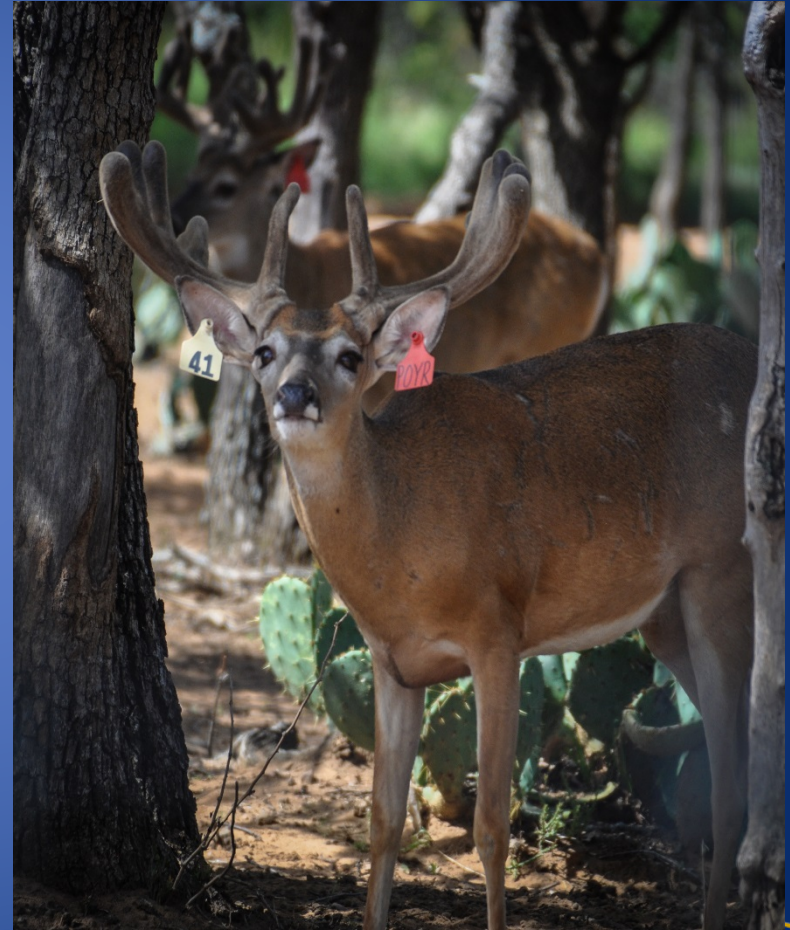
# CWD Medina County Herd Investigation

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# Medina County Affected Herd

CWD confirmed in samples submitted from a 2 year old natural born addition in a WTD Breeder Facility



# Medina County Affected Herd

## Chronology of Events

- Initial report of presumptive positive from TVMDL on Thursday, June 25, 2015
- TAHC and TPWD mount joint planning and response effort, ongoing meetings and consultations, based on Texas CWD Response plan revised in 2012 and 2015.
- CWD confirmed by NVSL on Tuesday, June 30 - two year old natural born addition to a WTD Breeder Facility in Medina county. TAHC quarantine issued on all facilities under common ownership
- TPWD notifies deer breeders through TWIMS – all are non-movement qualified, June 30
- Meeting with herd owners, Wednesday, July 1
- Multi-Agency CWD Working Group assembled July 6 (TAHC, TPWD, TVMDL, and USDA-APHIS-VS)
- TAHC hold orders issued on 177 Tier 1 WTD Facilities and 1 exotic livestock facility on July 9-10



# Medina County Affected Herd Case Presentation

- Laboratory confirmation - obex and medial retropharyngeal lymph nodes
- 2 year old buck, born in WTD Breeder Facility in Medina county
- No signs consistent with CWD observed
- Breeder facility enrolled in TAHC CWD Herd Certification Program since 2010 – First Year Status
- Two release sites, Medina and Comal counties
- Breeder pens surrounded by alleyway, situated on approximately 2000 acre high fenced ranch
- CWD susceptible species in high fenced area include released WTD and elk



# CWD Case Investigation

- TAHC is lead in conducting the disease investigation, working closely with TPWD for data on deer movement (TWIMS) and other support.
- CWD Management Plan – TPWD and TAHC – revised in 2012 prior to discovery of CWD in free-ranging mule deer in the trans-Pecos area of Texas, and again in April, 2015.
- Agencies working closely in a joint response effort



# CWD Case Investigation

- Multi-agency CWD Working Group formed (TAHC, TPWD, TVMDL, and USDA-APHIS-VS)
- 5 year investigation span – trace in and trace forward



# CWD Working Group Priorities

- Herd plan for management of trace forward herds with testing of exposed animal
- Recommended criteria for movement qualification of herds not in Tier 1
- Index Herd testing/management plan
- Herd Plans for trace forward herds where exposed animal is not tested
- Herd Plan for trace in herds



# Five Year Span



- Trace In: 30 facilities, 126 deer
- Trace Forward: 835 deer to 147 facilities
- 96 breeders
- 46 release sites
- 3 DMPs
- 2 International

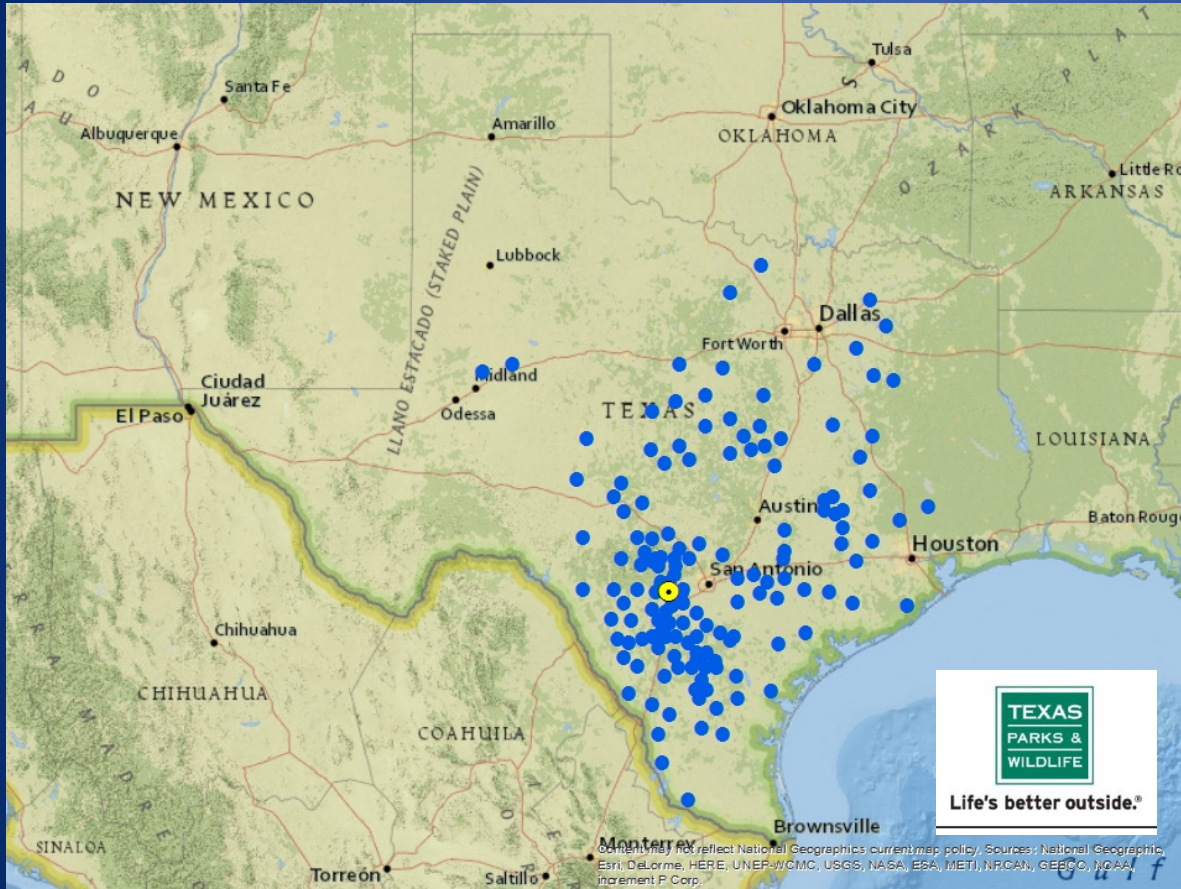


# Trace In Facilities

- Since June 1, 2010 the index herd has received new deer additions from 30 facilities in 30 counties
- Index herd also has a nursing facility that took in fawns from 1 facility in 2010, data is not represented on this map



# Trace Out Facilities



- Counties in which facility owner received deer from index herd since July 1, 2010
- 66 Texas sites, 2 Mexico sites
- Index herd took in fawns from 1 facility in 2010, data is not represented on this map
- All facility owners that have received deer that traced out from the index breeding facility and nursing facility have been sent hold orders



# Herd Management Factors for Consideration

- Per literature, there are two primary sources of exposure to CWD for uninfected deer: Infected deer and contaminated environment
- The CWD test positive white-tail deer was a 2 year old, natural born addition - lateral transmission of disease in the index herd is likely
- Incubation period for CWD can be as long as five years. Due to the relatively young age of this herd, prior testing of mortalities may not accurately reflect the true disease prevalence.
- Significant number of animals moved into and out of the index herd may pose a significant risk to both the captive and wild deer populations in Texas.
- Herd prevalence of disease is crucial in assessing risk in all trace forward and trace in herds directly associated with the index herd.



# Public Outreach and Industry/Expert Input

- Joint Agency Press release July 1, 2015
- Stakeholder updates via email
- Conference calls with Texas deer industry groups on July 3rd, 8th and 10th
- Conference call with veterinarians working in deer industry – July 10
- Culture, Recreation, and Tourism Committee Hearing July 13
- TAHC/TPWD CWD Taskforce meeting July 14
- Interviews with television stations and press



# TAHC CWD Herd Certification Program

- Total Enrollment
  - 189 herds
  - 18,936 animals
- ID requirements
- Annual inventory reconciliation and on-site inspection
- Test eligible deaths (12 months and older)
- Certified Herds: 58
  - 3 elk
  - 1 mule deer
  - 2 reindeer
  - 1 fallow





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