

**PROCEEDINGS OF THE COCHISE COUNTY BOARD OF SUPERVISORS
WORK SESSION HELD ON
Tuesday, August 22, 2017**

A work session of the Cochise County Board of Supervisors was held on Tuesday, August 22, 2017 at 11:00 a.m. in the Board of Supervisors' Executive Conference Room, 1415 Melody Lane, Building G, Bisbee, Arizona.

Present: Ann English, Chairman; Patrick G. Call, Vice-Chairman; Peggy Judd, Member

Staff Present: Edward T. Gilligan, County Administrator
Britt W. Hanson, Chief Civil Deputy County Attorney
Kim Lemons, Assistant to the Clerk of the Board

Attendees: Carrie Langley, Health & Social Services Director
Ray Falkenberg, H&SS Deputy Director
Gregory McQuaide, PHEP

Chairman English called the meeting to order at 11:00 a.m.

ANY ITEM ON THIS AGENDA IS OPEN FOR DISCUSSION AND POSSIBLE ACTION

PLEDGE OF ALLEGIANCE

THE ORDER OR DELETION OF ANY ITEM ON THIS AGENDA IS SUBJECT TO MODIFICATION AT THE MEETING

INTRODUCTIONS

ITEMS FOR DISCUSSION

Board of Supervisors

1. Discussion and possible direction on the vector control and response plan.

Ms. Langley and Mr. McQuaide presented this item using a PowerPoint Presentation.

Ms. Langley said the reason for today's Work Session is if there was an outbreak, it could have large economic implications, and if we already had this discussion we can be prepared to act.

Mr. McQuaide gave an overview of the presentation. He explained that Vector borne diseases are those caused by biting insects such as mosquitoes and ticks; Zika, Dengue, Chikungunya, West Nile Virus, St. Louis Encephalitis are of particular significance to Cochise County with diseases occurring due to the proximity of the U.S./Mexico border. The Aedes and Culex species of mosquitoes have all be identified in Mexico and/or Arizona.

Ms. Langley said one area of concern is the reporting from Sonora is not good, but at a bi-national forum in El Paso everyone said they are eager to help.

Mr. McQuaide discussed the different species and said they have all been found in the state of Arizona.

Ms. Langley continued and said mosquitoes like people; do not fly far and can breed in a small amount of water; they thrive in lucky bamboo indoor plants; spread the disease from mother to larva; and they can bite anytime of the day or night. The Health Department is responsible for catching the specimens and collaborates with the University of Arizona for testing. West Nile (Culex) has not been an issue this year or last year, eradication has been successful.

Mr. McQuaide discussed the Education & Awareness Campaign. A Zika and mosquito bite prevention campaign has been undertaken involving the distribution of Zika literature (bilingual), the distribution of Zika kits to community members through CHSS programs, design and posting of 8 billboards strategically placed around Cochise County (Willcox, Benson, Douglas and Sierra Vista) including 30-second radio spots.

Ms. Langley said the Mosquito Trapping and Testing contract has been established and implemented to trap and test mosquitoes in various residential centers around Cochise County: Douglas, Bisbee, Naco, and Sierra Vista. The results are a good cross section of mosquitoes. The effort been focused in the most populated areas not just because of our proximity to the border.

Ms. Langley explained the mosquito season is the monsoons through mid-October. They are temperature and elevation sensitive (6,500 ft. and below); temperature range is in flux, but they have moved farther north with milder winters in those areas. The eggs are viable for 6 months and very resilient.

There was short discussion about the trapping and testing results to date.

Ms. Langley covered Prevention. Wear dark clothes, use insect repellent - DEET is best but you can use eucalyptus oil - should be reapplied every 2 hours. Zika is sexually transmitted, lives in sperm for six months, exhibits mild symptoms: very light rash for two days, flat, red and it does not itch. Ft. Huachuca is being very proactive in educating and collaborating with the Health Department especially regarding high risk areas when travelling.

Mr. McQuaide gave an overview of the border health surveillance reports and the active areas of new cases of Zika.

Ms. Langley covered the Travel Definitions set by CDC:

- Local Transmission: A person who does not have risk factors for Zika virus acquisition through travel, sexual contact or other known exposure with body fluids, and who tests positive for Zika virus infection per CDC laboratory guidance.
- Limited Local Transmission: Confirmed local transmission of a person without an epidemiological link within a 5-mile diameter over a period of 45 days.
- Multiple Person Local Transmission: Confirmed local transmission multiple person transmission with epidemiological links.
- Travel Related Transmission: Confirmed transmission with risk factors associated with travel, sexual contact or other known bodily fluids and who tests positive for Zika virus infection per CDC laboratory guidance.

She continued discussing the impact to the economy and community if a travel advisory/restriction was put in place and the response levels and phases using color-coded

maps.

- Immediate case investigation all residences within 100 meter radius and working outward to a 1 mile diameter to match the “Red Area” travel advisory.
- Immediate environmental survey for potential breeding sites, increased mosquito surveillance through trapping, potential for spraying/fogging operations.
- Coordinated response education campaign targeted to “red and yellow area” and expanding to entire community and county.

Mr. McQuaide covered the next step Insecticide Control Measures. Insecticide control measures are not done now and he covered the recommendations by the CDC: backpack spraying/fogging would work best for our area. Naled is a liquid aerosol; EPA approved since 1950; is not a new chemical; environmental impact is minimal. BTI is a granule least effective but targeted at larvae, but some may be resistant.

The presenters gave example of case investigations and canvassing and the impact of travel advisories in response to an outbreak or multiple outbreaks with overlapping area. They also included examples of media releases in order to maintain a consistent message by using the same templates.

Ms. Langley concluded by stating she wanted the Board to be aware of the possible impact, in order to make an informed decision regarding spraying, so on, if a need arises.

The Board asked that they be well informed about any health situation as soon as it occurs. Mr. Gilligan said it needs to be a non-filtered message to distribute right away in order for the County to formulate a well-informed response.

The Board, administration and staff discussed contacting city managers/municipalities in advance about their position regarding a response.

Chairman English requested the Health Department present a condensed version of this presentation at the Mayor/Managers meeting next week.

Mr. Gilligan also asked for a brief discussion with Facilities about on-site suppression of potential risks at County sites.

Chairman English adjourned the meeting at 12:06 p.m.

APPROVED:

Ann English, Chairman

ATTEST:

Kim Lemons, Assistant to the Clerk of the Board