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West Nile Virus Technical Advisory Committee

October 10, 2018 Meeting Agenda

4:30 p.m. – 6:00 p.m.

Large Conference Room, Parks Maintenance Shop, 413 S. Bryan Ave.

TAC members present: Eric Levine, Greg McMaster

Staff present: Matt Parker, David Young, Tyler Marr, Broox Boze (contractor), Joe Wimmer, Katie O'Donnell

Members of public present: Cadie, Dale Adamy

Meeting convened: 4:35

Basic Review of the 2018 Season

Re-Cap May 2018 Policy Changes

- Removal of the human case requirement for the City's involvement.
 - Old threshold for spraying was index of .75 and two human cases per week.
 - Staff recommendation was a threshold of .5 Vector Index and no human cases
 - City Council approved .75 Vector Index and no human case requirement.

Review Vector Index Charts

- Started review at week 31 (July 29 – Aug 4th), three weeks after first positive trap was recorded. Slow start to the season.
- Large increase in number of positive traps in week 33 – first spraying was recommended and carried out (Aug 26th and 29th).
- Week 35 (Sept 6th and 9th) sprayed 4 square miles in southeast Fort Collins.

Review of Public Engagement/ Communication Efforts

- Beat the Buzz with the 4 D's rebrand. Goal is to promote protection from mosquitos.
- Five outreach events: Lagoon series, 4th of July, Spanish speaking populations.
 - Over 4,000 repellents distributed
- Advertisements, social media, and door hangers (used once the area risk was elevated)
- The new branding won a government award. 3CMA Award.
- Questions/Comments
 - Would like to see Coloradoan running articles on the WNV preventative efforts (larviciding, education, outreach). City can write up an article to get out. Column from Darin, Kelly D or Wendy.
 - It was predicted that Social Media may be the most effective outreach method.
 - Discussion about emphasizing human cases survivors as an approach for outreach. County has been approached by survivors and will be telling their stories.

- LETA registration increased roughly 2,000 this year for the WNV notifications. May be a target by the City's outreach next year as it is an effective method for communication.
 - Comment that LETA might not be appropriate for WNV spraying as related to fear. Many communities are trending towards less communication due to fear.

Discuss Potential Areas of Improvement (PDCA)

Discussion of "quadrants" versus "treatment zones"

- City working to make data available online for analysis at different levels through the Open Data portal.
 - Able to be used community-wide as a tool for the public.
- Request for more data regarding larvicide activities. Data on where mosquitos are coming from or "wintering over". *Culex tarsalis* adults remain over winter, often indoors.
- Suggestion that quadrant data should remain for historical context. Quadrant data is too coarse and there is a need for sub quadrant levels.
- Pre- and post-analysis of spraying areas is being conducted to compare to areas which have not been sprayed.
 - Discussion about efficacy study (current City budget Offer).
- Noted that sub quadrant spray zones are coming exclusively from the County. Questions regarding public transparency of the process and the data. Members expressed that they would like to know more about the process – how is the spray zone determined?
 - Matt Parker will work with Darrick Turner to write up a one-page document explaining the factors that are used to determine the spraying area. Katie O'Donnell indicated the County is currently working on similar job-process write-ups.

General Discussion

Discussion about the reason behind high incident rates in Larimer County.

- Many western States do not have intensive larviciding programs.
- What would it look like if we didn't larvicide? How would we compare to other counties and communities?
- Low amount of testing in Larimer County due to many people with symptoms not coming in to get tested, and County does not use approach to promote testing due to cost to patients.
- Discussion circled back to tracking where mosquitos are coming from, fly-ins, and egg laying outside of our jurisdiction.
- Code compliance for standing water is a method used by other communities.

Public Comment

Cadie

- The notification for spraying this year was inadequate. Resident only received notification through Nextdoor and many neighbors were unaware. Notification should not be limited to social media and LETA. Resident did not know about LETA.
- Suggestion to use signs near community parks, bulletin boards at the Library.
- Concerns about the adult mosquito treatments and harmful effects to kids and sensitive populations.

- Insufficient proof that the programs are working. How long will the WNV management program and adult mosquito treatments continue? There are other public health issues that the budget could go towards.
- Would like to see the City expand the opt-out service. People should be able to have their property excluded. Schools and playgrounds should be excluded and have a setback.
- OneHealth institute at CSU. Are we considering the effect of pesticides on the ecosystem?
 - Matt Parker will follow up with OneHealth. City is exploring many of these outreach methods.

Items for Next Meeting

- VDCI Report on 2018
- Larimer County Health Department Report on Human Cases
- Discuss Potential Areas of Improvement (PDCA)
 - GIS Abilities
 - Business Opt-Out and Urban Agriculture
 - Standing Water and Code Compliance

Meeting adjourned: 6:00pm