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West Nile Virus Technical Advisory Committee

February 21, 2018 Meeting Minutes

4:30 p.m. – 6 p.m.

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

TAC Members Present: Chet Moore, Roxanne Donnelly, Greg McMaster, Liz Pruessner, Eric Levine

Staff Present: Tyler Marr, David Young, Katie O'Donnell (LCDPHE), Broox Boze (VDCI), Matt Parker

4:30 – 4:40 Welcome and Introductions
Review Agenda

4:40 – 5:00 Communication and Outreach Efforts

Young provided an overview of outreach efforts for 2017. Specific focus groups – outside recreators, rafters, anglers, etc. Multi-prong advertising approach. Banners around town. Spanish translations. Social media is a major element of our outreach. Handouts (wipes, bike bands, rack cards, etc.)

Looking to next year. How to better affect people's action? Citizens generally convey an understanding of WNV, but they seldom take action.
New visual delivery. Same content.

McMaster: If you had additional resources, what additional outreach methods would you pursue?

Young: We don't really have any gaps in our outreach at this time.

McMaster: We've not always been particularly pleased with the coverage of the Coloradoan. Is there a way that we could ask the Coloradoan that when they do a story, they run it by the City?

Levine: Like having talking points ready.

Moore: The central problem is the lack of technical and scientific reporting. It's a big problem.

5:00 – 5:50 Continue discussions of any recent findings (past 5 years of so) on impacts of WNV or impacts of permethrin

We previously discussed two studies addressing increased risk of WNV. What new research is available discussing the impacts of permethrin?

Levine: I've got information that I'm not able to pull up (computer) but

Donnelly: I've got a couple of studies that look at real world applications.

Moore: Bob Peterson has been producing youtube videos explaining results in a non-technical way.

Levine: We had a phone conversation with Peterson, didn't seem to me to be the most objective person.

McMaster: I think he didn't address the impacts on the endocrine disruption side.

Donnelly: a lot of the previous work in this area have been focused on the agriculture application. Here's a study (MMWR June 3, 2005) that looks at a real world, public application.

Levine: I've looked into other species as well. Up to a 40% of mortality rate in cats that have acutely dosed with permethrin. Humans may have a better ability to de-toxify permethrin.

Boze: Some of those incidents may be related to agricultural applications.

Levine: You can go on Youtube and see some pretty gruesome videos of cats convulsing.

McMaster: But it really gets to the risk cup (EPA). But the endocrine aspect changes how the risk cup is looked at. Small doses may have larger impacts.

Donnelly: There's a project working to build a model that could predict the intensity of human cases. Might be ready in the coming couple of years.

Moore: Years that show warm temps early on in the season tend to show more likelihood of higher VI values. Though some years with high temps do not lead to high VI.

5:50 – 6:00 Public Comment

Meeting Discussion Guidelines:

1. Share the floor; give everyone a chance to be heard
2. Listen to others
3. Try to remain open minded
4. If you find yourself in disagreement, focus on the issue, not one another

