



MCAB MEETING AGENDA

Meeting Description: Boulder County Mosquito Control Citizen's Advisory Board

Results Desired: Information Sharing/Action

Date: Tuesday, May 8, 2018

Location: BCPH - Auditorium
3450 Broadway
Boulder, CO 80304

Scheduled Time			Actual Time		
Start	Stop	Total Hours	Start	Stop	Total Hours
6:00 PM	7:30 PM	1.5	6:00	7:45	1.75
Persons Attending					
MCAB	Martin, Rick, Brian, Elizabeth, Michael, Sheri, Dawn				
BCPH	Lane, Marshall, Jessica				
VDCI	Mel Kyer				
Guests	Elise Jones (BOCC)				
Ground Rules					
1	Each member will share responsibility to facilitate meetings [See Facilitation Schedule]				
2	Agenda will be distributed the Friday before the meeting. Facilitator of meeting will solicit agenda items one week prior to the agenda distribution date				
3	Use email to share information and important updates prior to meetings				
4	Start meetings on time. 6:00-6:15pm will be reserved for dinner, social time, and round table discussions.				
5	Follow time limits and items on agenda				
6	Listen, respect others, contribute, and speak up if discussion gets off topic				
7	Contractor shall attend only the first half of the meeting provide updates, reports, and answer operational questions unless invited to remain for entire meeting.				
8	Wrap up meetings with clear statements of next steps				
9	Finish on time.				
10	Meeting minutes sent to members by the Friday following the meeting.				
Discussion Items					Mins
1	Dinner				10
2	VDCI Update – Mel				15
3	Adulticide Reduction Discussion – All				30
4					
5					
6					
	Next Meeting: June 12, 2018				

Minutes

Location: BCPH

Facilitation Schedule 2018

March	Marshall
April	Martin
May	Rick
June	Brian
July	Michael
August	Elizabeth
September	Sheri
October	Marshall

MINUTES:

VDCI Update:

- Full training for all seasonal technicians will take place the week of 5/21
- Technicians started inspection and larviciding on 4/23
- Larval control to date:
 - 414 site visits
 - 240 sites wet
 - 35 sites breeding
 - 4.5 acres treated
- Select traps were set with overall low counts
- Full trap schedule will begin 5/28
- Call/Shutoff list update letters have been sent out. Letters are to be sent back to VDCI to update database
 - 441 letters sent
 - 205 of those letters were for shutoffs

Adulticide Reduction Discussion:

- Discussion regarding potential ways to reduce adulticide applications through modified thresholds that may breakout nuisance vs. disease vector species
- Commissioner Jones was present for the meeting and supported further analysis

Current Threshold: 100 Mosquitoes

Option #1: 200 total, 75 Culex

Option #2: 150 total, 50 Culex

Year	Option 1	Option 2
2017	74.60%	84.60%
2016	49.90%	72.75%
2015	12%	35%
2014	29%	64%
Average	41.40%	64%

**Percentages compared to current threshold.*

When taking into account the thresholds for both the total number of mosquitoes and the number of Culex, we would have sprayed 74.60% using Option 1 in 2017 compared to our current threshold. Using Option 2, we would have only sprayed 84.60% in 2017.

Thresholds Met	Option 1	Option 2
	Cx>75	Cx>50
2017	14	14
2016	10	15
2015	3	12
2014	2	7
Average	7.25	12

**Weeks 26-33*

When considering how many more sprays would result from adding a Culex threshold, Option 1 (>75) and Option 2 (>50) both added 14 more sprays between weeks 26 and 33 of mosquito season. On average between these weeks for the last four years, Option 1 would have added 7.25 sprays, while Option 2 would have added 12 sprays.

Discussion Points:

- Should we have a consistent threshold throughout the season, or should it change depending on different variables: month, vector index, current mosquito totals in a given year, etc.
- Should we have multiple thresholds for Culex vs nuisance/total mosquitoes or only have one for the total number?
- BCPH will continue to analyze data relating to disease transmission risk and trap counts to determine if trends are present that would indicate benefit to modifying thresholds