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# **SACRAMENTO ENVIRONMENTAL COMMISSION**

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Robert Bailey  
Mark Barry  
Dana Curran, Vice Chair  
Dr. Anthony DeRiggi  
Richard Hunn, Chair  
Diane Kindermann  
George "Buzz" Link  
Margie Namba  
Eric Rivero- Montes  
Mark White

A JOINT COMMISSION APPOINTED BY:

County of Sacramento  
City of Sacramento  
City of Isleton  
City of Folsom  
City of Galt  
City of Elk Grove

## **MEETING MINUTES**

**MONDAY, APRIL 18, 2016  
700 H STREET  
SACRAMENTO, CA 95814**

**6:30PM.**

**1 Call to Order- Chair Hunn**

The meeting of the Sacramento Environmental Commission was called to order at 6:30 p.m.

**2 Roll Call- Staff Secretary**

Commissioners present: Richard Hunn, George "Buzz" Link, Robert Bailey, Margie Namba, Diane Kindermann, Anthony DeRiggi, Dana Curran

**3 Introduction of Commissioners-Chair Hunn**

**4 Public Comment- Chair Hunn**

No members of the public addressed the Commission.

**5 Approval of February 2016 Minutes**

1. A motion to approve the March 2016 minutes, was made by Robert Bailey and seconded by Anthony DeRiggi.

Ayes: Richard Hunn, George "Buzz" Link, Robert Bailey, Margie Namba, Diane Kindermann, Anthony DeRiggi, Dana Curran

Noes: None

Abstentions: None

**6 Annual West Nile Virus and Other Diseases Update- Gary Goodman, Manager of the Sacramento-Yolo Mosquito and Vector Control District**

The Sacramento-Yolo Mosquito and Vector Control District (Control District) provides mosquito and vector control to lessen the threat of disease transmission and lower annoyance levels. They divide the two counties of Yolo and Sacramento into geographical zones and survey mosquito breeding areas and disease indicators such as dead birds, treating areas where mosquito breeding is taking place.

Mosquito breeding grounds include habitats that contain still and stagnant water, irrigated pastures, flooded rice fields, storm drains, stagnant swimming pools, standing water in outdoor containers, urban creeks and beaver dam habitats. The Control District focuses on mitigating breeding that taking place in these environments.

The Control District works to eradicate mosquitos at the aquatic stage of their lifecycle, before they begin to fly and bite. Only the female mosquito bites for “blood meals”, while the male mosquito eats only nectar. Females prefer laying their eggs near organic matter and lay 100-200 eggs at a time.

Integrated mosquito management measures include public education, biological controls and physical controls. Spraying is accomplished by backpacks, truck or aerial spraying and can include the use of BTI, a naturally occurring bacteria that targets only mosquitos with no impact to endangered species. Prior to aerial spraying, the Control District notifies the affected public of pesticide spraying in the area.

The Fisheries Program is one of the Control District’s largest and successful programs. The fishery breeds mosquito fish and guppies that are and planted and used as a natural control method. The Control District plants over 4000 lbs. of fish in stagnant pools and urban Ag areas each year free of charge.

Mosquitos carry West Nile Virus which in most cases is not severe but in the worst cases can lead to meningitis and neurological damage. West Nile Virus transmitted to horses’ ends in death 50% of the time, unless the horses are vaccinated yearly to prevent the disease. In 2015, 737 human cases of West Nile Virus were reported but the CDC estimates that for every neuroinvasive case reported there could have been 30-70 cases that were not reported.

Dengue Fever and Chikungunya are also mosquito borne diseases that are now established in California. Zika Virus is the newest threat and is directly linked to the birth defect microcephaly.

Innovative methods of mosquito eradication and control are being researched and used selectively. Mosquitos are bred in a lab where the male mosquitos are genetically modified to be sterile. A forensic marker, a color, is added to the insects which makes it easy for scientists and doctors tracking mosquitos to identify them and how far they travel. When the female mosquito mates with the genetically modified male, no offspring will result. Another experimental method being used in Brazil, which is hard hit by the Zika Virus, is to release gamma-irradiated sterilized males into municipalities to compete with wild males. The hope is that there will be a population crash over time as mating produces no offspring.

The best protection again mosquito bites is using a repellent containing deet, pacaridin, Oil of Lemon Eucalyptus or IR 3535. Be vigilant about draining standing water in urban areas, dress in long sleeves and pants and keep screens in good working condition.

## 7 **Sacramento Environmental Commission Awards for Year Ending 2015**

Presented to:

- **City of Elk Grove, County of Sacramento, City of Rancho Cordova** for the educational publication **“The Usual Suspects”**
- **City of Elk Grove, Elementary School Recycling Education Program**
- **Walk Sacramento-Design 4 Active Sacramento**
- **Melting Pot**, sustainable business practices

## 8 **Sacramento County Environmental Management Director’s Report- Val Siebal, Director**

## 9 **Agency Monitoring Report Back**

Commissioners reported back on issues they are monitoring from other local government entities.

## 10 **Commissioner Comments**

Robert Bailey inquired as to the status of the letters proposed to be drafted and sent at April's meeting. Chair Hunn advised that the Cap to Cap support letter and the AB 1716 support letter and letter regarding language concerns were still in process.

Bob Bailey commented that there may be an issue with where to put organic waste containers now that AB1826 is in effect.

The Amgen race will be running through Folsom, Ca again on May 20<sup>th</sup>.

The Sacramento County Board of Supervisors will hear the plastic bag ban ordinance proposal one more time on April 26<sup>th</sup>.

- 11 **Adjournment-** 8:14 p.m. Next meeting May 16<sup>th</sup>, 2016 at 10590 Armstrong Ave., Mather, CA 95655.