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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 17, 2017**

**Board of Supervisors Chambers, 700 H Street, Sacramento, CA 95814**

**6:30 p.m.**

### **ITEM**

- 1** Call to Order – Chair Hunn  
Meeting was called to order at 6:30 p.m.
- 2** Roll Call – Staff Secretary

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

Absent: Robert Bailey

- 3** Introduction of Commissioners – Chair Hunn
- 4** Public Comment – Chair Hunn  
No members of the public addressed the Commission.
- 5** Sacramento Environmental Commission Awards Presentations

The Annual Environmental Awards ceremony took place, with four trophies being awarded to local organizations for excellence in environmental stewardship and/or education.

Awards recipients were:

- City of Elk Grove Integrated Waste Department and the Toby Johnson Middle School, for their educational on-campus Recycling Program. The City of Elk Grove was contacted by one of the school's teachers, Kathleen Albiani to assist in the implementation of a school recycling program. Elk Grove staff worked to train and educate a core group of students and teachers about the logistics of recycling and correct sorting, using signage and colorful, printed materials that clearly showed which waste streams get sorted into the various bins provided by the City of Elk

Grove. The on-campus recycling program also addresses the new requirements for organics recycling and the City provided food waste bins and educational signage. Each week students collect and audit recyclables in classrooms to give to the custodians. This type of on-campus recycling program serves as a model for other schools in the Elk Grove School District that would like to incorporate on-campus recycling programs at their school.

- Carmichael Water District, for Riparian Habitat Restoration on the American River as part of the American River Pipeline Conveyance Project. This project included removal of exposed, abandoned river infrastructure, as part of their American River Pipeline Conveyance project. Existing abandoned water diversion assets at the project site along the American River were removed, and the riverbank was restored to a natural setting. This environmental restoration included the removal of 400 feet of 33-inch diameter exposed steel pipe dating back to the 1950s that had long posed a boating hazard in the river channel. In addition, three concrete intake and pump station structures, a failing riveted steel culvert, and large buried valves were demolished and removed. The restoration culminated with the reconnection of an upstream riparian habitat that had long been separated from the primary American River channel by freefall discharge from a 65- year old culvert.
- Sacramento County Department of Water Resources, for management of the collaborative Cordova Creek Naturalization Project. The purpose of the project was to replace a deteriorating concrete-lined channelized portion of Cordova Creek (formerly referred to as Clifton Drain) with a new meandering stream channel. The project was designed to create a naturalized channel intended to restore ecological function to the stream, and also included measures to eradicate and prevent re-establishment of invasive species, installation of an interpretive walkway for public recreation and environmental education programs implemented by Soil Born Farms, and establishment of over 19 acres of new native riparian, wetland, and upland habitat.
- The project was completed in the fall of 2016. The new stream channel has a natural stream substrate, a wide meandering design, and banks consistent with natural vegetation assemblages and historical drainage patterns. The project installed a total of approximately 4.3 acres of new riparian habitat, 4.8 acres of wetland habitat, and 10.1 acres of native upland plantings. Special provisions were taken all throughout the design and construction process to protect sensitive wildlife, plants, and other natural resources at the site, with the intention of establishing a more productive and natural environment where these resources can thrive in perpetuity.

## 6 Sacramento-Yolo Mosquito & Vector Control District- Gary Goodman, Executive Director

The Sacramento-Yolo Mosquito & Vector Control District provides safe, effective and economical control of mosquitoes and other vectors by providing ongoing surveillance to determine the threat of disease transmission and acting to reduce that threat and lower annoyance levels. The peak season for mosquitos and other vectors is June through

September but can include May if the weather is very warm.

Water management is key to controlling mosquito populations. Technicians are assigned to district zones where they look for breeding sites and determine if treatment is required. Traps are set every day and mosquitos that are caught are tested for disease. Sacramento and the surrounding regions have optimal conditions for mosquito breeding, including urban ag areas, rural farms, urban pools and backyard water sources. Mosquitoes lay 50-200 eggs at a time in as small as a bottle cap amount of water so targeting water that acts as a breeding grounds is very important.

Methods of controlling mosquito populations include removing outdoor water sources, planting mosquito fish, backpack spraying and aerial spraying. Drones are being utilized to look for urban mosquito breeding areas. Untreated pools are the largest source of urban mosquito breeding that requires intervention. One unmaintained, untreated pool can produce millions of mosquitoes. The public can call Sacramento Yolo Mosquito and Vector Control District to report pools that are green and untreated and they will respond usually within 24 hours to plant mosquito fish in the pool. A properly maintained pool will not produce mosquitoes. Last year 4000 pounds of mosquito fish were planted in pools and agricultural areas, ditches and wetlands. The District also works with landowners to control mosquitoes physically, by manipulating properties and land to reduce depressions where standing water accumulates.

Mosquitoes can carry and transmit several debilitating diseases including West Nile Virus, Dengue Fever, Malaria, Chikungunya, Zika Virus, and dog heartworm. Many of these diseases cause fever, joint aching, long term neurological damage, meningitis and even death. Twenty percent of people who are bitten will develop West Nile Virus, but there are no marks that appear on the skin when bitten to indicate whether a mosquito carried, and transmitted, the virus. Symptoms can last weeks and even months and are not curable. Of the 25 cases of West Nile Virus confirmed in California last year, 18 of those were in Sacramento and Yolo counties. Zika disease transmitted by mosquitoes is known to cause birth defects in fetuses of pregnant women so pregnant women should avoid travel to transmission areas while pregnant. The first case of microcephaly linked to the virus is also sexually transmitted.

Cases of confirmed West Nile Virus (WNV) in California have increased because birds and mosquitos are sharing the same limited water sources. Mosquitos bite infected birds and then carry the disease to humans and horses. The CDC estimates that for every 1 case of WNV threat is reported, there are 30-70 cases unreported. In 2016 there were 442 confirmed reported cases of WNV in California.

Emerging mosquito carried diseases now confirmed in Southern California, Madeira and San Mateo include Dengue Fever and Chikungunya (translated bent-over) transmitted by the Yellow Fever Mosquito. The eggs of this mosquito can lay dormant for 6 months, hatching at various times of the year making them difficult to eradicate. These mosquitoes are aggressive day biters but only fly up to 150 yards.

The best protection against mosquito bites is mosquito repellent containing DEET. There are other products containing Picaridin, Oil of Eucalyptus and IR 3535 but they don't last as long or work as effectively.

**7 Approval of March 2017 Minutes**

A motion was made by Commissioner Link, seconded by Commissioner DeRiggi, to approve the March 2017 minutes.

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

Noes: None

Abstentions: None

**8 Review of April Meeting Action Items:**

1. The Arch Nexus building tour is scheduled for May 18<sup>th</sup>, 2017
2. Send a follow up letter to Supervisor Frost from the April 12<sup>th</sup> meeting.
3. Diane Kindermann reported back that Mayor Steinberg's office is working on a meeting date for Commissioners to talk with the Mayor and/or staff to discuss current environmental issues of concern.

**9 Create Permanent Committees**

At the upcoming May meeting, volunteers from the Commission will form the following committees:

1. 2017 Environmental Awards Committee
2. Webpage Committee
3. 2017 Annual Report Committee

**10 Ad Hoc Committees Reports**

1. Cyanobacteria Committee Status Report  
Chair Hunn drafted a report finalizing the committee's conclusions, which he proposes to discuss with the State Water Board regarding reasonableness of findings and with the Sacramento –Yolo Mosquito and Vector Control District regarding their interest in the issue.
2. Electric Vehicle Fleet Committee Status Report

**11 SEC Organization**

1. SEC Annual Goals
2. Chair/Vice Chair/Commissioner Roles and Responsibilities
3. Participation on Committees
4. Contribution to SEC Recommendations

**12 SEC Outreach**

1. Agency Monitoring Report Back
2. Create List of Interested Stakeholders/Agencies for Future Outreach
  - a. Identify Type of Communications and Outreach

b. Time Schedule for Outreach

- 13** Sacramento County Environmental Management Director's Report- Marie Woodin
- 14** Commissioner Comments
- The Commissioners discussed identifying agencies and local organizations for outreach in order to look at their issues of concern.
  - Commissioner Namba will ask Metro Chamber's environmental committee if they summarize the meetings and events that took place after Cap to Cap in Washington.
  - Commissioner White volunteered to track discussions taking place between Sacramento County and consultants specializing in agency fleet formation composed primarily of Electric Vehicles
- 15** Adjournment – Next Meeting Monday, May 15, 6:00 p.m. EMD Offices, 10590 Armstrong Ave., Mather, CA 95655

*This meeting is being audiotaped/videotaped in its entirety and will be available at the Environmental Management Department office. Agendas are posted in the offices of the City of Sacramento, Folsom, Galt, Isleton, Rancho Cordova, Elk Grove, and the County of Sacramento and also on the EMD Website at: [emd.saccounty.net](http://emd.saccounty.net). Agendas are also forwarded to interested parties upon request.*