



**EL DORADO AGRICULTURAL WATER QUALITY  
MANAGEMENT CORP**

PROTECTING OUR PRECIOUS RESOURCE

JANUARY 2020

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# Watershed Connection

*A publication for members of the El Dorado Subwatershed Coalition*

*A member of the Sacramento Valley Water Quality Coalition*

## Presidents Message

By *Dedrian Kobervig*

### Officers:

**Dedrian Kobervig**  
**President**  
Crystal Creek Farm  
530-622-7850

**Norm Krizl**  
**Vice President**  
Krizl Vineyard

**Sid Davis**  
**Secretary**  
Vinehill

**Bob Witters**  
**Secretary/Treasurer**  
Crystal Springs  
Vineyard

### Directors:

**Kirk Taylor**  
Smokey Ridge Ranch

**Carolyn Mansfield**  
Goldbud Farms

**Merv de Haas**  
Irrigated Pasture

**Jana Rapetti**  
Rapetti Farms

With the end of 2019 and the beginning of a new decade, we continue as an organization of farmers and ranchers to protect our lands and community. Using the current best management practices, we are ensuring that we leave to future generations an environment as good or better than the one we received. From 2007 to 2019 there have been:

*A total of 22 sample events, with a total of 562 samples tests, conducted in Coon Hollow Creek for legacy OCL pesticides. There have been 10 exceedances of the WQO for DDE (p,p') observed at the COONH monitoring location. Two exceedances were observed during stormwater runoff events, while the other eight exceedances were unassociated with stormwater runoff events. The maximum concentration of DDE (p,p') detected was 0.0164 µg/L. There have been no exceedances in the six samples collected since the last exceedance in August 2014.*

*In addition to DDE (p,p'), both DDT (p,p') and Endrine ketone have been detected at Coon Hollow Creek. DDT (p,p') was detected twice, but has been non-detect in samples collected since August 2014. Endrine ketone was detected once in July 2007, but has been non-detect in all other samples collected at COONH. No other OCL pesticides 1 have been detected.*

**Note: DDE is a persistent organochlorine C<sub>15</sub>H<sub>8</sub>Cl<sub>4</sub> that is produced by the metabolic breakdown of DDT. DDT has been banned in the U.S. since 1972. It remains in the soil as DDE a legacy pesticide. Movement of soil into streams releases it into the environment.**

2020 brings new requirements and expectations from the State Water Resource Control Board. Your dues packet this year (coming February 2020) will contain important documents that will need to be completed and returned to the coalition. These documents are mandatory and failure to return the required documents may result in the termination of your membership.

2020 is the year we need to:

- Fill out and return new Farm Evaluation Reports. These have not been updated since 2015.
- Complete and return to the coalition your 2020 Irrigation Nitrogen Management Plans. These previously were kept on site. This year they need to be completed and returned so we can submit a required Summary Coalition Report..
- All coalition members must now participate in Outreach events.

Beginning January 1, 2020 and ending February 29, 2020 the **Irrigated Lands Regulatory Program (ILRP) Grower Self-Certification Training** will again be available on line at no charge. Though not required for our coalition because of are low vulnerability status concerning sediment and erosion control, it is an educational, outreach tool worth your time.

Your board is in the process of scheduling a workshop specifically targeting nitrogen and the completion of the Irrigation Nitrogen Management Plans in Mid-April. Patricia Ann Lazicki, PhD student in soil science at UC Davis, along with Lynn Wunderlich, Farm Advisor U.C. Cooperative Extension-Central Sierra, will lead the workshop. The target of this workshop is specifically the Irrigation Nitrogen Management Plans worksheet completion.

Our next annual meeting will be held at the NRCS-CD Offices, 100 Forni Road, behind the US Forest Service Offices. (Not actually on Forni Road but on Briw Rd. off Forni by Thompsons Automotive) Look for signs.

# Ag. Water Quality Member Update

## President's message (cont.)

Patricia Ann Lazicki and Lynn Wunderlich will give a preview of the April workshop and advise coalition members on what materials they will need to bring to the workshop. Charlene Carveth, El Dorado County Ag Commissioner will again go over the county grading ordinances and current updates concerning agriculture in our county. Please come with any question you have and meet your neighbors and fellow farmers

## Treasurer's Report

**By Bob Witters**

Proposed Budget - 2020	
<b>Income:</b>	
AITC*	\$0
Membership Dues	\$34,000
<b>Total</b>	<b>\$34,000</b>
<b>Expenses:</b>	
SVWQC	\$12,800
Contract Services	\$6,000
Insurance	\$2,200
Office Lease	\$3,700
Operations	\$3,600
Utilities	\$1,200
Farm Evaluations	\$1,000
<b>Total</b>	<b>\$30,500</b>
Revenue (over/short)	\$3,500
Participating Acreage	3,246
Current Number of Members	254
* - AITC terminated office lease as of 1/15/20	

### 2020 Meeting Dates

El Dorado Agricultural Water Management Corporation  
EDC Agricultural Department - 311 Fair Lane, Placerville, CA

### Annual Meeting of Members

Monday, January 27, 2020 - 6:00pm - RCD Offices, Forni Road

#### Board of Directors Meetings

Monday, January 27	8:00pm - RCD Offices, Forni Road
Monday, April 20	3:30pm
Monday, June 15	3:30pm
Monday, August 17	3:30pm (if needed)
Monday, October 19	3:30pm
Monday, December 21	3:30pm

#### Executive Committee Meetings

Monday, March 16	3:30pm
Monday, May 18	3:30pm
Monday, July 20	3:30pm
Monday, September 21	3:30pm
Monday, November 16	3:30pm

## Ag. Water Quality Member Update

January 1,2020 – February 29, 2020

**\*\*\*On-line Course\*\*\***

### **Irrigated Lands Regulatory Program (ILRP) Grower Self-Certification Training Sediment Erosion Control Plans (SECPs)**

<https://irrigated-lands-regulatory-program.thinkific.com/>

Federal and state water quality regulations require that growers implement management practices to minimize impairments to surface and ground water quality. Sediment and excessive erosion does not only impair water quality, it may also cause crop damage and loss, decreased property values, and impacts on sustainability.

Sufficient sediment and erosion control can:

- Reduce agricultural inputs (water, fertilizer, energy, erosion expenses)
- Reduce loss of valuable topsoil (contributes to soil fertility and water holding capacity)
- Improve farm aesthetics
- Minimize offsite movement of pesticides and fertilizers
- Improve neighbor relations
- Limit regulatory concerns such as fines and other enforcement actions and public relation issues

***Hard copies of the course can be obtained by calling the coalition at 530-622-7850 and leave a message. Arrangements will be made to get a hard copy to you.***

### **Websites that may help in filling out Irrigation Nitrogen Management Plans**

#### **Nitrogen Concentrations in Harvested Plant Parts - A literature overview**

[https://apps1.cdfa.ca.gov/FertilizerResearch/docs/Geisseler\\_Report\\_2016\\_12\\_02.pdf](https://apps1.cdfa.ca.gov/FertilizerResearch/docs/Geisseler_Report_2016_12_02.pdf)

#### **Research Update: Nitrogen Concentrations in Harvested Material**

<https://blogs.cdfa.ca.gov/FREP/index.php/nitrogen-removed/>

#### **Crop Yield to Nitrogen Removed Calculator**

<https://aqmpep.com/calc-y2r/>

#### **USDA Natural Resource Conservation Service Nutrient Content of Crops**

<https://plants.usda.gov/npk/main>



# EL DORADO AGRICULTURAL WATER QUALITY MANAGEMENT CORP

PROTECTING OUR PRECIOUS RESOURCE

P. O. Box 286, Placerville, CA 95667-0286

## El Dorado County Agricultural Water Quality Management Corporation

### 2020 Annual Members Meeting

Monday, January 27, 2020

6:00 P.M. to 7:30 P.M.

**NRCS-CD Offices, 100 Forni Road, Placerville, CA**

### Guest Speakers

**Patricia Ann Lazicki PhD** student in soil science at UC Davis. She works with Dr. Daniel Geisseler, who is the UC Cooperative Extension Specialist in nutrient management, and her research focuses on soil fertility and conservation in agroecosystems. She is especially interested in the links between the carbon and nitrogen cycles, and in exploring how management practices can help growers both maximize soil organic matter and optimize nutrient availability. For two years, she worked with Dr. Geisseler to create the California Fertilization Guidelines, which is a tool that allow users to access current information on how to fertilize major California crops in an organized and user-friendly way.

At the Annual meeting of the El Dorado County Agricultural Water Quality Management Corp. in January, Patricia Ann Lazicki would like to start by giving an overview of the nitrogen cycle and why it matters from a management perspective. She will also give a preview of the workshops, to be held in April and go over some of the information that growers need to bring for building budgets for their own farms.

**Charlene Carveth** El Dorado County Agriculture Commissioner will review what is new in the Agriculture community and current county grading ordinances. Questions are welcome.