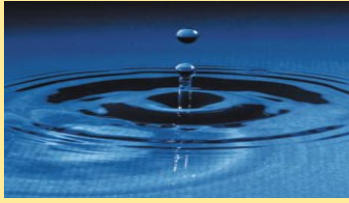


Dixon / Solano RCD Water Quality Coalition

UPDATE

Volume 12 — Issue 1

October 2017



ATTENTION:

ANNUAL MEMBER MEETING

NOVEMBER 14TH 6PM
Dixon Senior/Multiuse Center (RSVP Required).

Call Martha at
(707) 678-1655 x103

POLICY CHANGE!

FARM REPORTING MUST BE POSTMARKED OR RECEIVED IN OFFICE NO LATER THAN 5PM FEBRUARY 15TH TO AVOID LATE FEE!

Farm reporting forms will be distributed in Nov/Dec.

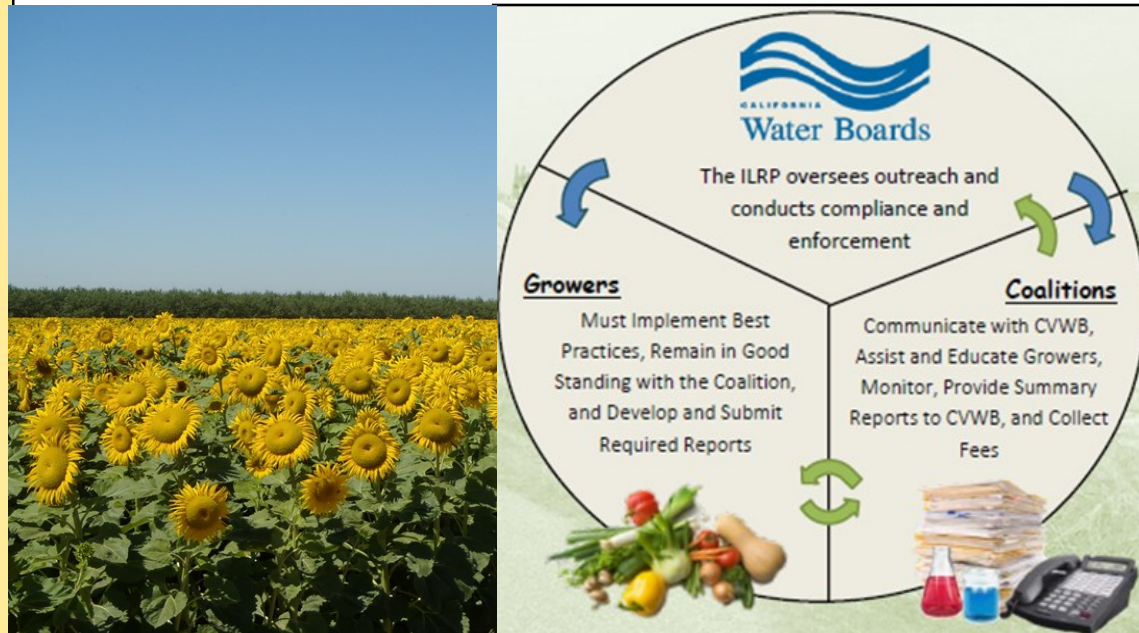
Regional Board Enforcement is here!

Be prepared.

See insert for membership checklist and flow chart to keep your membership in good standing.

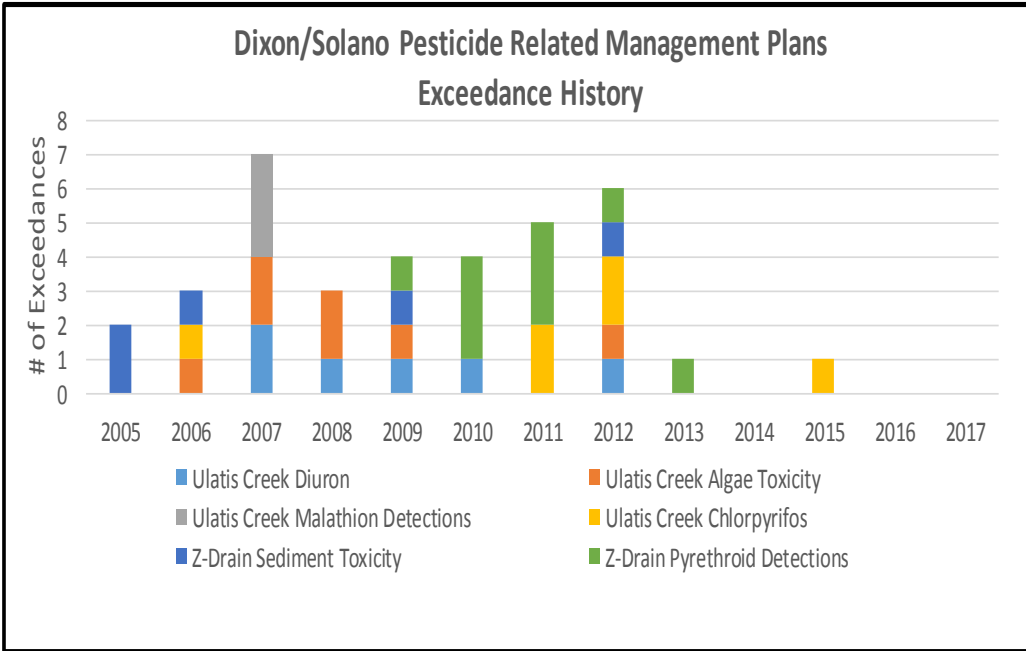
2017-2018 MEMBER REQUIREMENTS ~ What will be new or different?

- ⇒ **LATE FEES** for farm reporting submitted after **FEBRUARY 15th**
Why? Staff time for follow-up is costly and the turnaround time to get summarized information to Regional Board is very short. Over 20% of our members/growers submitted their reports late in 2017.
- ⇒ **REVOCATION OF MEMBERSHIPS** that do not turn in their farm reporting or pay their membership fees. Regional Board has increased their focus and enforcement in this area.
- ⇒ **UPDATED GROUNDWATER VULNERABILITY** Parcels that were previously "To Be Determined" (TBD) have been updated to Low or High Vulnerability. Please carefully review each parcel's vulnerability designation on reporting forms.
- ⇒ Members who submitted Nitrogen Management Plan Summary Report (NMPSR) data from the 2016 crop year will receive feedback and education on how their nitrogen use compared to others.
- ⇒ State Water Board proposed revisions to the Eastern San Joaquin Order are being considered and any new requirements will affect all current orders.
- ⇒ **ATTENDANCE OF AN ANNUAL EDUCATION EVENT** and confirmation of attendance to your coalition is an annual requirement. See insert for schedule of upcoming events. Plan to attend at least one, keep a record of attendance to report on Farm Evaluation.



Retrieved from: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/outreach_trifold.pdf

Enrollment in the Dixon/Solano RCD Water Quality Coalition allows irrigated agricultural growers and landowners to comply with Central Valley Regional Water Board regulations under a group permit (order) instead of under an individual permit. The Irrigated Lands Regulatory Program regulations apply to all commercially irrigated land in the Central Valley Region.



Well Done!

Since 2005, Dixon/Solano Coalition members have successfully completed five out of our six pesticide related management plans. In order for a management plan to be deemed "complete" we must finish a 3-year period with no exceedances in addition to tracking and reporting management practices members have implemented to address the issue. If there are no Chlorpyrifos exceedances at Ulatis Creek in 2017/2018, we can apply to have the final pesticide related management plan deemed complete.

New Pesticide Monitoring Requirements

2016/2017 marked the second year with no pesticide exceedances at Dixon/Solano sites under our current monitoring requirements. In 2017/2018 Coalitions will be required to begin new methods of monitoring for pesticide levels in surface water. New pesticide monitoring techniques detect trace amounts of pesticides dissolved in the water which can cause toxicity to aquatic organisms. There is the potential for new management plans to be triggered under the new monitoring requirements. PLEASE CONTINUE TO USE EXTREME CAUTION WHEN APPLYING PRODUCTS with the following:

Chlorpyrifos includes: [Pyrethroids \(Lamda-Cyhalothrin, Bifenthrin, Esfenvalerate, Cypermethrin, etc.\)](#) includes:

- Cobalt
- Dursban
- Lorsban
- Govern
- Lock-on
- Eraser
- Vulcan
- Warhawk
- Cobalt
- Lamda-Cy
- Lambdastar
- Warrior II
- Karate
- Ammo
- Mustang
- Silencer
- Asana SL
- Pounce
- Baythroid
- Besiege

Coalition Groundwater Requirements

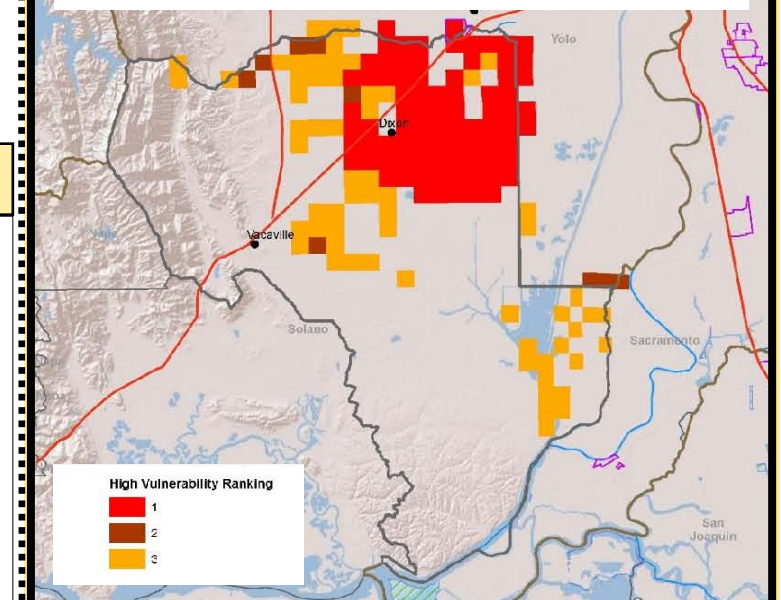
- ◆ Sac. Valley Groundwater Management Plan* was approved by the Regional Board in Sept. 2017
- ◆ Sac. Valley Groundwater Quality Trend Monitoring Plan* submitted to Regional Board in Sept. 2017
- ◆ Participation in a Central Valley Wide Management Plan Evaluation Program (MPEP) is ongoing. MPEP is tasked with identifying crop specific practices that are protective of groundwater quality.

*Reports submitted to Regional Board are accessible at http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/water_quality/coalitions/sacramento_valley/

Member Groundwater Requirements

- ALL ENROLLED PARCELS complete Nitrogen Management Plan Worksheet (NMP) annually & keep onsite.
- Parcels in High Vulnerability Areas (HVAs), vulnerability rankings 1, 2 & 3 in map below, must have NMP certified (self-certified with training or by qualified crop adviser) for 2018 Crop Year.
- Parcels in HVA areas, vulnerability rankings 1, 2 & 3 in map below, must complete and submit a Nitrogen Management Plan Summary Report (NMPSR) of 2017 Crop Year nitrogen usage in February 2018.
- Parcels in original (2014) HVA designated areas, ranking 1 in map below, will receive feedback this October on comparative nitrogen use from the 2016 Crop Year.

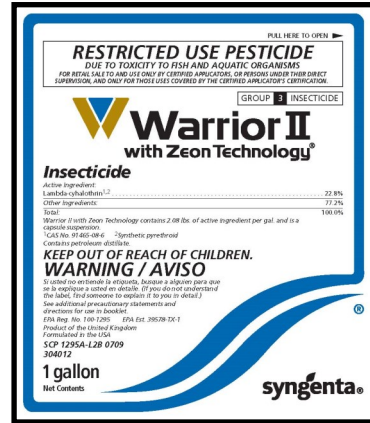
UPDATED HIGH VULNERABILITY AREAS



WHAT QUALIFIES AS A "BEST MANAGEMENT PRACTICE" (BMP)?

When related to water quality BMPs can generally be described as agricultural practices that are suitable for reducing or minimizing water quality impacts. There is not a static list of water quality BMPs, rather a suite of practice categories that practices are continually being added to. We encourage members to consider the following categories and document specific practices you use under these categories as "BMPs" in farm reporting.

- ◇ **Pest Control** - Prevention of pesticide residues from movement offsite. *Review pesticide labels to check for additions to timing, methods, amounts, buffers requirements.
- ◇ **Irrigation Management** - Irrigation systems and management that reduces or treat runoff to minimize pollutants moving offsite.
- ◇ **Runoff Management** - Reduction of amount and/or velocity of irrigation tailwater or stormwater to minimize pollutants leaving property.



LIST OF TESTING LABS AVAILABLE ONLINE OR IN OFFICE

Lab Name	Contact Information	Testing Available
FAIR WEATHER AGRICULTURAL LABS	1111 PROSPECT AVE SUITE #1111, MODESTO, CA 95350	SOIL, PLANT, WATER, COMPOST/MANURE
SUNLAND ANALYTICAL	1400 W. BARTON RD, SUITE 100, SUNLAND, CA 95870	SOIL, PLANT, WATER
DELTAVALLE LABORATORY INC	1000 W. WATSON ST, SUITE 100, DELTA, CA 95621	SOIL, PLANT, WATER, COMPOST

◇ **Nutrient Management** - Fertilizer timing, placement, rate, product choice that minimizes excess nutrients moving to surface and groundwater.

Testing irrigation water for nitrate & adjusting fertilizer applications.



Groundwater Wells - Wellhead Protection & Backflow Prevention



Proper Abandonment or Decommissioning of Wells



MEMBER REPORTING TIPS

Invoices

- Please return the **BOTTOM (larger) portion of the invoice with any changes/updates to member information. Please include an email address or enter "none" if you do not have one.**

Farm Evaluations

- **Be sure to check the box "No Nitrogen Applied" on question B4 if you did not apply nitrogen in that crop year.**
- **Complete and sign the education page. Regional Board requires that we report those missing this annual requirement. Contact the office if you have questions on what events qualify.**
- **Before checking the "No Change" boxes, please review your responses for accuracy.**

Nitrogen Reporting

- **Irrigated pasture is exempted from nitrogen reporting in crop years where no fertilizer is applied. Members must confirm no nitrogen use annually for parcels in high vulnerability areas.**

Considering a Cover Crop?

Dixon RCD is working on a project to quantify the potential of cover crops to increase groundwater recharge and reduce storm runoff in addition to water quality benefits. The project seeks to quantify to what extent the use of winter cover crops (or other practices) can help meet local water management goals, which include a balanced groundwater basin and reduced flood risk in addition to water quality benefits. The potential mechanisms we will explore include enhanced rainfall capture, increased infiltration, and reduced storm water runoff. If these benefits can be quantified and used as tool in complying with various regulatory concerns, we feel it would be beneficial to coalition members and to the efforts to groundwater sustainability, water quality and flood control. In 2018-2019 the focus will be on small scale measurements in systems with existing cover crops and finding individuals who are interested in participating.

For more information contact John Currey, 707-678-1655 x105; john-currey@dixonrcd.org

Visit Our Websites www.dixonrcd.org & www.solanorcd.org

Dixon/Solano Coalition July 2016 - June 2017 Finances	
Total Income 07/16—06/17	\$ 397,111
Membership Fees (\$3.00/acre)	\$ 394,718
Interest + Misc. Revenue	\$ 2,394
Total Expenses 07/16—06/17	\$ 329,171
RCD Staff	\$ 130,635
RCD Direct Costs	\$ 7,090
Surface Water Monitoring	\$ 51,057
Groundwater Requirements	\$ 28,309
SVWQC Fees	\$ 17,367
State Board Fees (75 cents/acre)	\$ 94,713
Fund Balance 07/17	\$ 188,731

Dixon/Solano Coalition Projected July 2017 - June 2018 Finances	
Budgeted Income 07/17—06/18	\$ 413,400
Membership Fees (\$3.00/acre)	\$ 389,400
Newly Enrolled Parcel Fees	\$ 22,500
Interest	\$ 1,500
Budgeted Expenses 07/17—06/18	\$ 472,183
RCD Staff	\$ 143,821
RCD Direct Costs	\$ 19,850
Surface Water Monitoring	\$ 105,000
Groundwater/Reporting Requirements	\$ 58,000
SVWQC Fees	\$ 23,500
State Board Fees (94 cents/acre)	\$ 122,012
Fund Balance 06/18 (projected)	\$ 129,948

Key Budget Items & Changes

Income

- New parcels are being enrolled in Coalition as a result of Regional Board enforcement for parcels that lack coverage. Newly enrolled parcels owe back member fees to the date that ownership and/or irrigation began.

Expenses

- In 2016-2017 USDA Natural Resources Conservation Service provided \$11,295 in funding assistance for the Coalition staff time to put on the farm reporting workshops.
- 2017/2018 and 2018/2019 are "Assessment" years for surface water monitoring, where more intensive monitoring is required. This follows two years of "Core" (reduced) monitoring.
- The State Board has proposed a 19 cent per acre increase in the per acre fee paid to the State from 75 cents to 94 cents.
- Continue policy to maintain minimum fund balance of \$50,000 to cover any additional required monitoring as well as to maintain a positive cash flow throughout the membership year.
- New in 2017-2018, Dedicate additional \$50,000 of cash on hand toward transition to an online membership and farm reporting database.

HELPFUL WEBSITES

- Dixon Resource Conservation District — www.dixonrcd.org
- Solano Resource Conservation District — www.solanorcd.org
- Natural Resource Conservation Services—www.nrcs.usda.gov
- Sacramento Valley Water Quality Coalition—www.svwqc.org
- CA Fertilization Research & Education Program—www.cdfr.ca.gov/is/ffldrs/frep/
- Coalition for Urban Rural Environmental Stewardship—www.curesworks.org
- Central Valley Regional Water Quality Control Board—www.waterboards.ca.gov/centralvalley
- National Ground Water Association—www.wellowner.org

BOARD OF DIRECTORS — DIXON RCD

- Dave Viguie
- Sam Beukelman
- Spencer Bei
- Chope Gill
- Vacant
- Jim Campbell, Associate
- Leo Soukeris, Associate

BOARD OF DIRECTORS — SOLANO RCD

- Joe Martinez
- Paul Lum
- Kurt Balasek
- Darrell Hill
- John Knowles
- Randi Thompson
- Glenda Riddle
- Terry Riddle, Associate
- Kathi Stutz, Associate

COALITION ADVISORY COMMITTEE MEMBERS

- Bruce Brazelton
- Joe Martinez
- Cork McIsaac
- Paul Lum
- Guy Garcia
- Rick Martinez
- Spencer Bei
- Dave Viguie
- Roy Gill

Dixon/Solano Resource Conservation District Water Quality Coalition
John Currey, District Manager Dixon RCD • Chris Rose, Executive Director Solano RCD

1170 N. Lincoln Street, Suite 110 Dixon, CA 95620
Phone: (707) 678-1655 • Kelly Huff, Project Manager x102 • Martha McKeen, Membership Coordinator x103

**DIXON/SOLANO RCD WATER
QUALITY COALITION
2017-2018 SCHEDULE
WORKSHOP/TRAINING**



**EDUCATION EVENTS – LIMITED
SPACE AVAILABLE, RSVP
REQUIRED! Contact Martha @
(707) 678-1655 x103 or
martha-mckeen@dixonrcd.org**

DATE	TIME	TOPIC	FOR WHO?	WHERE
THURS Nov 2	8 AM – 1PM	SEDIMENT SELF-CERTIFICATION <i>(includes 30 minute test)</i>	Members with parcels requiring a sediment/erosion plan	American Legion Hall 1305 N. 1 st Street Dixon, CA 95620
TUES Nov. 14	6 – 8 PM	DIXON/SOLANO ANNUAL MEMBER MEETING	Dixon/Solano coalition members and local interested individuals	Dixon Senior/Multi-use Center 201 S. 5th Street Dixon, CA 95620
WEDS Nov 29	9 – 12 NOON	NMP SUMMARY REPORT FEEDBACK – EXPLAINED <i>(fulfills continuing education for nitrogen self-certification)</i>	Members who submitted Nitrogen Summary Reports for 2016 Crop Year	American Legion Hall 1305 N. 1 st Street Dixon, CA 95620
Thurs. Jan. 18	8 AM – 1 PM	NITROGEN PLAN SELF-CERTIFICATION TRAINING <i>(includes 30 minute test)</i>	Members with parcels in NEW high vulnerability areas	American Legion Hall 1305 N. 1 st Street Dixon, CA 95620

**Free Technical Assistance Site Visits &
Financial Assistance Available**

~ Wendy Rash, USDA Natural Resources Conservation Service~

The NRCS and Dixon/Solano RCDs are responding to the new Sediment and Erosion Control Plan requirement as well as Regional Board Site Inspections by creating a joint program to provide technical assistance to Coalition members. The assistance is free of charge and the intent is to review the plan(s) you have created, practices in place and offer suggestions. The program will also provide on farm education events to showcase local examples of on-farm practices that conserve irrigation water, protect water quality, and prevent erosion and sediment loss from the farm. You may use your farm reporting information to apply for financial assistance through Farm Bill conservation programs. Water quality protection measures that can be funded include irrigation system upgrades, irrigation water management, sediment basins, water control structures, vegetative cover plantings, nutrient management and well decommissioning. **Applications for USDA NRCS financial assistance are accepted at any time.**
Contact (707) 448-0106 x3

**To be considered for the first round of 2018 funding, please submit applications to NRCS by Dec. 8th.
To request a RCD/NRCS site visit, contact Kelly Huff (707) 678-1655 x102, or email Kelly-huff@dixonrcd.org**

Free Irrigation Evaluations

~ Paul Lum, Solano Water Conservation Committee ~

An Irrigation Evaluation is an analysis of your irrigation system's performance. Trained staff spend a half day in your field and take numerous flow and pressure measurements throughout the irrigated block to determine uniformity. The pumping and filtration system is observed during operations, and a pump efficiency test is performed if applicable. The results are confidential and provided to the grower, with recommendations to improve the efficiency of the irrigation system. The following information is included in the report:

- Distribution Uniformity rating (DU) - how evenly flow and pressure is applied throughout the field
- Application rate
- Recommendations to improve DU
- Pump and filtration recommendations
- Scheduling recommendations
- Pump efficiency results
- Maps with test areas and soil types

An evaluation can be performed for all types of irrigation practices and crops.

To schedule an evaluation, contact Paul Lum (707) 455-4024, or email LumP@sidwater.org.

**All workshops/trainings fulfill annual education requirements. Look for additional events @ www.dixonrcd.org*
IN OFFICE FARM REPORTING ASSISTANCE BY APPOINTMENT NOVEMBER 2017 – FEBRUARY 2018

DIXON/SOLANO RCD WATER QUALITY COALITION
1170 N. Lincoln Street, Suite 110, Dixon, CA 95620
Phone (707) 678-1655 X 102 OR X103
kelly-huff@dixonrcd.org; martha-mckeen@dixonrcd.org

Agricultural Used Oil & Filter Recycling Services

NO COST • CONVENIENT • RESPONSIBLE



If you have barrels of used oil or filters taking up space in your barn, please call:

707-678-1655 x111

or email amy.king@solanorcd.org

Si tiene barriles de aceite usado o filtros que ocupan espacio en su granero, por favor llame.



There are 2 options available:

1. Pick up a free 12 quart container to collect used oil and bring to a recycling facility. Limit 5 per operation. Available while supplies last.
2. If you have quantities or containers that are difficult to bring to a recycling center, we can offer no-cost pick up service at your ranch.

Call today for details and a brief survey: 707-678-1655 x111

Hay 2 opciones disponibles:

1. Recoja un contenedor de 12 cuartos de galón para recolectar aceite usado y llevarlo a una instalación de reciclaje. Limite 5 por operación. Disponibles mientras duren los suministros.
2. Si usted tiene cantidades o contenedores que son difíciles de llevar a un centro de reciclaje, podemos ofrecer servicio sin costo de recogida en su rancho.

Llame hoy para detalles y una breve encuesta: 707-678-1655 x111

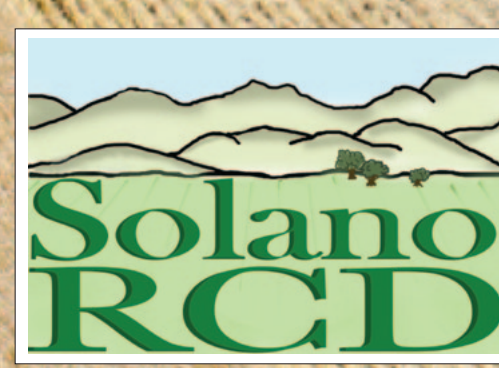
NO oil wasted.

NO filter left behind.

Ni una gota de aceite desperdiciada.

Ni un filtro descartado por ahí.

Funded by a grant from CalRecycle



Water Quality Coalition Membership Checklist – 2017-2018

A guide for staying in “good standing” with the Regional Water Quality Board

Membership Fees: DUE DATE **DECEMBER 1, 2017**

- Pay invoice of membership fees for irrigated acres annually before deadline

Recordkeeping: AS NEEDED

- Update name, address, phone number, email, parcel numbers, operator/tenant/grower/farm manager etc.

Farm Evaluation: DUE DATE **FEBRUARY 15, 2018**

- Verify that you received the correct farm evaluation(s)
- Verify the APN(s)
- Add any missing APNs
- Verify the irrigated acres
- Verify or update the crop
- Submit completed farm evaluation(s) to the RCD
- Keep copy for your records

Education Requirement: REPORT PRIOR YEAR ATTENDANCE BY DUE DATE **FEBRUARY 15, 2018**

- Attend an event annually
- Document what membership(s) you are representing
- Submit the prior year education confirmation form with farm evaluation to the RCD
- Keep copy for your records

Nitrogen Management Plan Worksheet: DUE DATE AT THE START & END OF HARVEST

- All memberships must have a NMP (Exception is pasture that does not apply external nitrogen)
- All parcels in a high groundwater vulnerability area must have worksheet certified
- Form certification: Attend self-certification training or hire professional
- Keep worksheet on-site-DO NOT GIVE TO RCD

Nitrogen Management Plan Summary Report: DUE DATE **FEBRUARY 15, 2018**

- High vulnerability areas must have a summary report
- Submit NMPSR from the previous year’s nitrogen usage to RCD
- Keep copy for your records

Certified Sediment and Erosion Control Plan: DUE DATE **FEBRUARY 1, 2018 or DECEMBER 31, 2018** (one time)

- All membership with parcels that have been determined to be in a high risk area must have a certified plan
- Form certification: Attend self-certification training or hire professional
- Keep plan on-site-DO NOT GIVE TO RCD

Water Quality Coalition Membership in "Good Standing"



* - NMPSR only required if the parcel is in a high groundwater vulnerability area

** - SECP only required if the parcel is determined to be high-risk for sediment discharge and erosion

Blue-Member is the responsible/reporting party.

Green-Both owner and tenant are the responsible and reporting parties.

Yellow- Both owner and tenant are the responsible parties, only the tenant is the reporting party.

Orange-Tenant is the responsible/reporting party.