

ALL-MEMBERS MEETING

WATER QUALITY COALITION

ONLINE ZOOM MEETING – NOVEMBER 5, 2020

PLEASE NOTE: THIS MEETING IS BEING RECORDED TO POST ON OUR WEBSITE FOR FUTURE VIEWING.

AGENDA

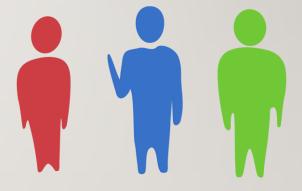
- STAFF AND BOARD UPDATE
- FINANCES
- MEMBERSHIP & PROGRAM UPDATE
- SURFACE WATER
- GROUNDWATER
- QUESTIONS & ANSWERS



STAFF AND DRCD BOARD UPDATE

STAFF OF DIXON RCD

- John Currey has left the building!
- Kelly Huff is the District Manager
- Martha McKeen is the Program Coordinator
- Brook Rosenberger is the Office Manager



During the reporting season, our partners from Solano RCD, Amy King, Kevin Young-Lai, Caitlyn Morrissey and Chris Rose are also helping as needed.

BOARD MEMBERS

DIXON RCD

- Dave Viguie
- Sam Beukelman
- Spencer Bei
- Eric Schene
- Vacant
- Jim Campbell, Associate
- Leo Soukeris, Associate
- John Reitan, Associate

SOLANO RCD

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

ADVISORY COMMITTEE

- Bruce Brazelton
- Kurt Balasek
- Cork McIsaac
- Paul Lum
- Rick Martinez
- Spencer Bei
- Dave Viguie
- Chope Gill

OPENING FOR A DIXON RCD BOARD MEMBER

- A Board Member stepped down in August
- The Directors of the Dixon RCD are looking for a new Board Member
 - Must be a registered voter in the state of CA
 - Do you live or own land in the District? Or are you a representative for a landowner?
 - Provide five District landowner signatures
 - You have background in agricultural or natural resources.
 - You have other skills that would be helpful to the Board.
 - Contact Kelly Huff at 707.678.1655 ext. 102 for an application

FINANCES

FISCAL YEAR 2020 RECAP

- FY 2020 actual ending fund balance June 30, 2020 was \$181,431
- Actual ending fund balance was \$83,104 more than expected.

Reasons why?

- Large decrease in staffing costs and lower than expected surface water monitoring costs.
- We also had carryover from 2018/2019 SVWQC budget of more than \$36,000

Dixon/Solano RCD Water Quality Coalition Actual July 2019 - June 2020 Finances				
Total Income 07/19 - 06/20	\$	482,739		
Membership Fees (\$3.75/acre)	\$	477,070		
Interest	\$	5,669		
Total Expenses 07/19 - 06/20	\$	437,252		
RCD Staff	\$	117,533		
RCD Direct Cost	\$	13,871		
Surface Water Monitoring	\$	61,343		
Groundwater/Reporting Requirements	\$	82,267		
SVWQC Fees	\$	23,727		
State Board Fees (\$1.08/acre)	\$	138,512		
Fund Balance 06/20 (actual)	\$	181,431		

FISCAL YEAR 2021 PLANNING

Dixon/Solano RCD Water Quality Coalition				
Projected July 2020 - June 2021 Fin	ance	<u>S</u>		
Budgeted Income 07/20 - 06/21	\$	464,826		
Membership Fees (\$3.75/acre)	\$	460,826		
Interest + Misc. Revenue	\$	4,000		
Budgeted Expenses 07/20 - 06/21	\$	521,641		
RCD Staff	\$	144,994		
RCD Direct Cost	\$	7,130		
Surface Water Monitoring	\$	95,000		
Groundwater/Reporting Requirements	\$	108,138		
SVWQC Fees	\$	29,703		
State Board Fees (\$1.12/acre)	\$	135,176		
Fund Balance 06/21 (projected)	\$	124,617		

We estimate the Coalition budget in June – SVWQC does not complete their budget until November

- FY 2021 Total Projected Revenues \$464,826 (Fees and interest)
- FY 2021 Total Expenses \$521,641
- State Boards fees are \$1.12 per acres this year (up 0.04 from last year) totaling \$135,176
- Groundwater estimates are higher than normal due to new requirements
- Projected ending balance for June 30, 2021 \$124,617*

*Based on the newly adopted SVWQC budget, our ending fund balance for FY21 looks like it will end up being much higher than this number

FINANCIAL OBJECTIVES OF THE GOVERNING BOARD MEMBERS

- Minimizing fluctuations of per acres member fees from year-to-year.
- Strive to avoid multiple year billings.
 - This can mean that some years we can carry a significant ending fund balance.
- Advisory Committee members reviews this at least annually, members always welcome
- Remember: Anyone is welcome to attend a board meeting or advisory committee meeting although it may be only online right now due to COVID-19.

MEMBERSHIP & PROGRAM UPDATE

INVOICING/BILLING FISCAL YEAR 2020

- Sent out 665 invoices in October 2019
- 585 members paid their bill on-time. Great job!
- 80 members were sent 2nd notices in January
- 32 members were sent final notices in April
- Follow-up phone calls in May and June to the last remaining few non-payments
- We collected 100% of our invoices for FY 2020
- No memberships were revoked due to non-payment!



INVOICING FISCAL YEAR 2021

- Invoices sent on October 5, 2020
- DUE DATE: Invoices due December 5th

 Member Fees for the program are \$3.75 per irrigated acre-same as last year



POLICY REMINDERS & UPDATES

- Reminder farm reporting is due on February 15th. After that date, late fees apply. (Policy: 20% of all fees owed or \$100, whichever is more.)
- If farm reporting is not received or is incomplete by July Ist, you are placed on an enforcement list that the Coalition is required to give to the Regional Board. You can expect to receive a letter personally from the Regional Water Board inquiring as to why you did not comply with the requirements of the Order and notifying you of potential fines.

MEMBERSHIP TOTALS

- 684 Members enrolled
- 1,528 Parcels enrolled
- 122,510 Acres enrolled
 - Decreased 4000+ acres due to urban and habitat development.



FARM REPORTING

• Parcels in high groundwater vulnerability (high GWV) areas were required to report actuals for crop years 2016-2019.

FARM REPORTING CROPYEAR 2019

- 100% of growers completed their Nitrogen Management Plan Summary Report
- 100% of the growers completed their education activity requirement
- Now let's see what's up for 2020 crop year reporting...



BIG REPORTING YEAR! DO NOT WAIT UNTIL THE LAST MINUTE!

- All members are required to report the following:
- Verify contact information
- Verify ACCOUNT CONTACT
- Verify PARCELS
- Verify CROPPING and acreage



- INMP SR Irrigation Management Plan Summary Report (Nitrogen & Yield Actuals)
- Some changes this year:
 - Moving from farm evaluation to INMP SR
 - Irrigation methods
 - Irrigation efficiency practices
 - Nitrogen efficiency practices
- All members must complete the summary report (High and low GWV parcels)
- *GWV-groundwater vulnerability

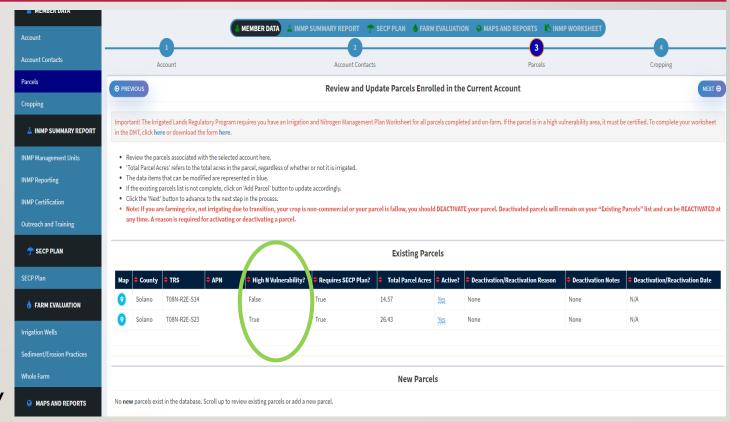
- INMP SR Irrigation Management Plan Summary Report
- High or low? How do I know if I have high or low groundwater vulnerability parcels?
 (GWV)

Log into the DMT, navigate to the PARCELS page

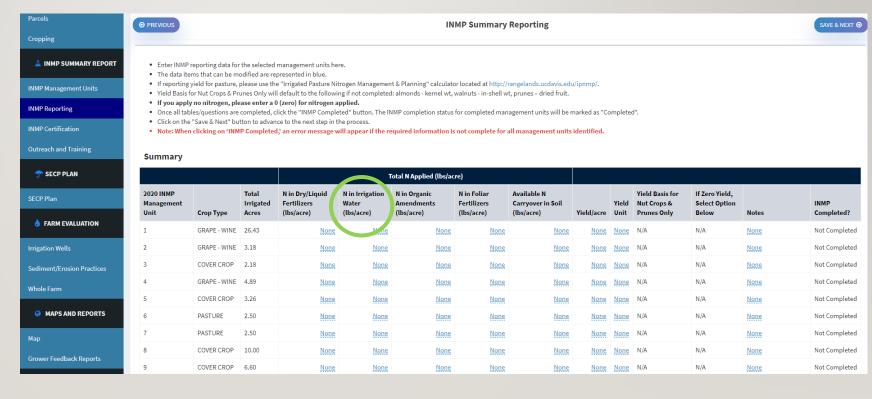
 Does my parcel have high groundwater vulnerability?

 False=Not high vulnerability therefore, low vulnerability

True=High vulnerability



- INMP SR –
 Irrigation
 Management Plan
 Summary Report
- N in irrigationWater
- Enter "0" even
 when you do not
 have actual data



OUTREACH & TRAINING

- Online events this year-enter what you "attended"
- NMP/INMP self-certification training can be recorded in this section along with your CEUs



- **FARM EVALUATION** Every five years, required for 2020 crop year (Last completed in 2017 on paper)
- They look a little different this year.
- On the farm practices All information has to be entered this year
 - In five years, if the information is the same, like with Pasture or Almonds for example, there will be a choice of "No change" in the DMT
- Number of drinking water wells on each enrolled parcel is new
- Irrigation and nitrogen data moved to the INMP worksheet and summary report
- Remaining the same are pesticide application, irrigation well info and sediment and erosion control
 practices.

Drinking water wells: New for 2020 Farm Evaluation

- Enter the number of wells where water is used for human consumption only. (Drinking and cooking)
- Parcels enrolled in the Coalition
- This data will be used by the Regional Board at a later date so please be accurate.

Drinking water wells:

New for the farm evaluation for 2020

Enter the number of parcels by parcel

Do not include irrigation wells in this section!

NEW! Information on your on-farm drinking water supply wells located on enrolled parcels

Indicate the number of active drinking water supply wells on each of your enrolled parcels.

If you do not have on-farm drinking water wells, enter "0".

NOTE: This section is for active drinking water wells only. A drinking water well is a groundwater well that is used to provide water for cooking/drinking.

Information regarding abandoned or irrigation wells should be described in the 'Wells' section of the Farm Evaluation.

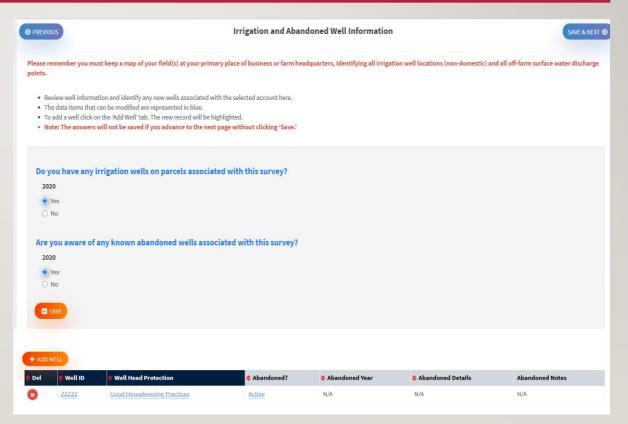
County	APN	Number of Drinking Water Wells
Solano	000-000-000	Not Entered
Solano	000-000-000	Not Entered

Irrigation wells: Not new to farm reporting - last completed for 2017 crop year

- Due to the new online system, all well data must be reentered in crop year
 2020
- In five years, this information will be retained in the database and will not have to be reentered if there are no changes

Irrigation and Abandoned Wells:

 If you answer yes, be sure to click on the + ADD WELL button to complete the well protection and abandoned well details portion of the survey.



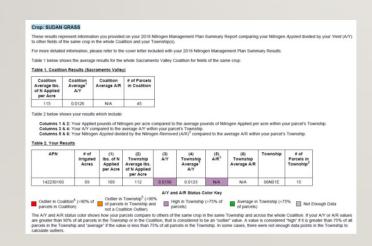
- SECP Sediment and Erosion Control Plan
 - Some parcels require this. Can see if needed on PARCELS page
 - Paper copy is kept on-site. Not sent to Coalition.
 - Most members completed these in 2017. One and done.
 - If you have a reporter (tenant), they may have already completed it for you.
 - Must be self-certified or hire a professional to complete
 - FREE Online Self-certification course is available online from January I February 28 at:

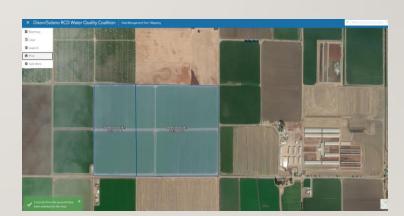
https://www.dixonrcd.org/copy-of-sediment-erosion-2

If you have taken the self-certification training, the date of training can be recorded here.

MAP & REPORTS

- Maps of member enrolled parcels available in this section
- Grower Feedback reports for 2019 will be available in mid-December. It is required that you acknowledge that you received them. Please check back then.





- INMP Worksheet (Required by all members-stays on-farm) OPTIONAL Online!
 - Some changes this year
 - Irrigation and nitrogen data moved from farm evaluation to INMP: Irrigation methods and efficiency practices, nitrogen efficiency practices
 - ET Evapotranspiration: DMT will have a link to help fill this out
 - Anticipated crop irrigation in inches: DMT will have a link to help you with this (or watch tutorial https://www.dixonrcd.org/nitrogen-management-plan)
 - Irrigation water N concentration: This data is retrieved from testing. (District water well tests, irrigation water test results from a lab, or field testing with test strips or equipment)
 - You can download a hard copy of the worksheet and keep it in paper or pdf form like you have in the past. INMP worksheet can be found at: https://www.dixonrcd.org/forms-checklists
 - Planning portion must be certified for high GWV area parcels

 Dixon and Solano RCDs and USDA NRCS partnered together to bring you a video presentation to help guide and teach you more about Nitrogen and Irrigation
 Management and how to complete the INMP worksheets and summary reports.

A big THANK YOU to Wendy Rash (NRCS) and Amy King (SRCD) for their efforts in

helping create this invaluable tool for our members!

VISIT: https://www.dixonrcd.org/nitrogen-management-plan





- DMT Data Management Tool
 - Do you still have your login? If not, contact us ASAP.
 - If you are a new member that did not report in crop year 2019, your login will be sent to you this reporting year.
 - If you are an owner that has a reporter complete your farm reporting, then they have a separate login.

VISIT: https://www.dixonrcd.org/irrigated-lands

Click on the green button to take you to the login page.



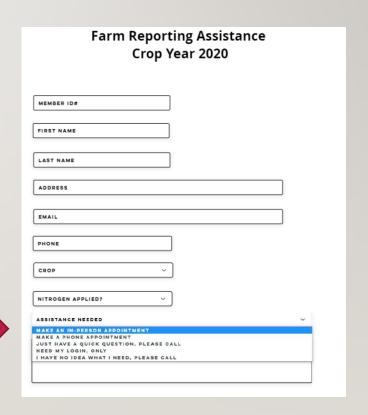
FARM REPORTING CHECKLIST

- ☐ Verify My **INFO** (contact information)
- ☐ Verify **ACCOUNT**, Reporter name, account completion & account balance
- ☐ Verify **ACCOUNT CONTACT**, billing contact
- ☐ Verify PARCELS
- ☐ Verify **CROPPING**, irrigated acres & crop year for permanent crops
- Complete **INMP SR**, management units, reporting & certification
- **OUTREACH/TRAINING** enter the education event "attended"
- ☐ Verify **SECP** (verify the need for a plan or not)
- ☐ Complete **FARM EVALUATION**, irrigation wells, sediment/erosion practices & whole farm
- □ Complete **INMP WORKSHEET The online version of the worksheet is optional.** (Print a copy and keep onsite onfarm)

Need help with farm reporting, make an appointment.

Visit:

- https://www.dixonrcd.org/farm-reporting-assistance
- A staff member will call you to make your appointment



Because the RCD Office remains closed to the general public due to COVID-19, when you arrive for your appointment...follow the outside signs!





- Take the sidewalk to the south side of the building
- Turn left at the corner and walk to the alcove on the right.



SURFACE WATER

WATER QUALITY MONITORING

Update since the newsletter...

- The surface water monitoring results for 2019-2020 did not trigger any new management plans, although we recently learned of a sediment toxicity exceedance at the Shag Slough at Liberty Island Bridge monitoring site. The cause of the toxicity is unknown, but based on past experience there is potential for it to have been caused by pyrethroids. From October 2019 through September 2020 there were no new toxicity exceedances at the Ulatis Creek monitoring site, where we have an active management plan for sediment toxicity.
- Detailed information about the management plan is available on our website at: www.dixonrcd.org/ulatis-sediment-toxicity
- Testing methods for pyrethroid pesticides are changing per Regional Board requirements so there is an increased chance of future exceedances related to pyrethroids.
- Please continue to be super cautious by closely managing the application of pesticides and field run-off.

PYRETHROIDS BMP

Continue to use Best Management Practices - BMP

- Wind speeds/direction
- Calibrate pesticide spray equipment
- Use buffer zones for sensitive area
- Irrigation scheduling to minimize run-off
- Polyacrylamide (PAM) applications to drop sediment
- Tailwater return system
- Vegetative ditches
- Minimize use of pesticides



GROUNDWATER

GROUNDWATER PROTECTION

- How do the members of the Coalition protect groundwater?
 - Wells: Wellhead protection (Ground sloped away from wellhead, standing water avoided around wellhead, good housekeeping, air gap for non-pressurized systems, backflow preventive/check value and cement pads)
 - Proper Well Abandonment Destroy by certified professional
 - Nitrogen: Planning and proper use of nitrogen on fields (use your credits)
 - Irrigation: Accounting for the nitrates in water when applying fertilizer. Nitrates move with water, so improved irrigation efficiency and management reduces nitrate movement into groundwater. Solano RCD is offering assistance.

DRINKING WATER WELLS

- Right around the corner...
- Coming in the January 2022, all parcels enrolled in the Coalition with drinking water well will have to test the water for nitrates.
- This information will come directly to you from the RB in late 2021
- For more information, visit:

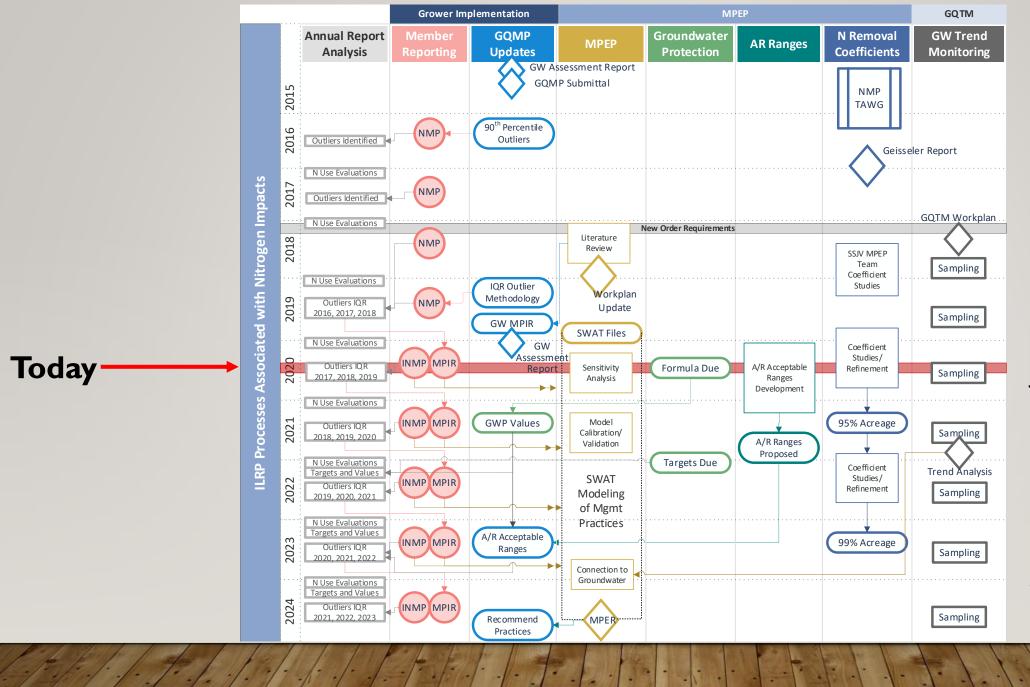
https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/drinking _water/



HOW DO WE COMPARE?

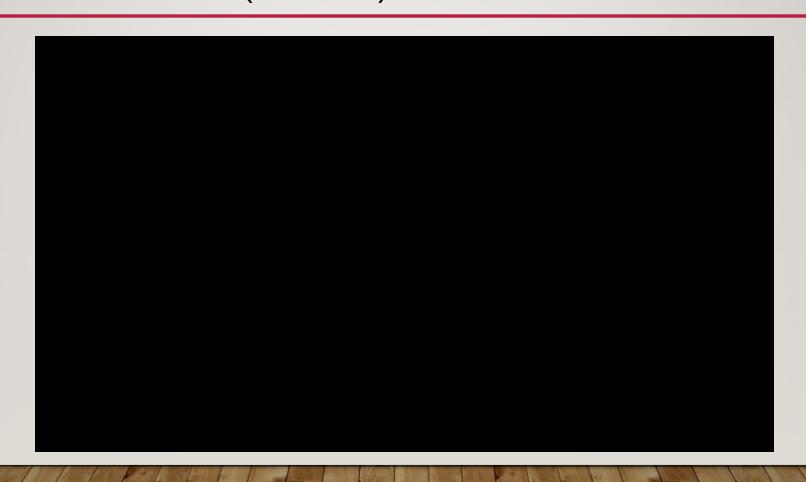
HVA	Butte-Yuba-Sutter	Colusa-Glenn	Dixon-Solano	Sacramento- Amador	Shasta-Tehama	Yolo (using 2018 DWR crop map)	Total
Priority I	9,635	5,261	35,324	2,151	0	27,723	80,094
Priority 2	57,561	31,261	1,684	22,207	5,594	7,110	125,416
Priority 3	79,177	71,276	21,659	19,929	13,899	34,510	233,450
Total	146,373	107,798	58,667	44,287	19,493	69,343	438,960

When compared to other Sacramento Valley groups, we have more high priority areas related to high nitrates or the potential for high nitrates. When compared to other Central Valley groups to the south we have less.



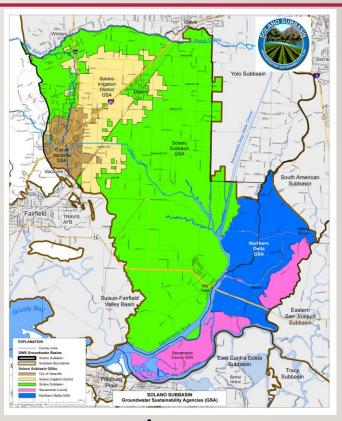
Just a "simple" diagram to show you the numerous, sometimes overlapping, irrigated lands program requirements all aimed at addressing nitrates in groundwater!

SUSTAINABLE GROUNDWATER MANAGEMENT AGENCY – SGMA (VIDEO)



SUSTAINABLE GROUNDWATER MANAGEMENT AGENCY – SGMA

- Data is showing that the groundwater supplies in our area are generally in balance
- The plan is being developed now and will be submitted to the state in January 2022
- Could include limits on use of groundwater and use reporting requirements
- Water quality is indirectly addressed in the plan as well.



www.solanogsp.com

WILDFIRE EFFORTS

WILDFIRE RESOURCES

- Dixon RCD partnered with Solano RCD and NRCS to help with the Wildfire efforts to provide resources to our Coalition members and Solano County landowners that were affected by the wildfires.
- Helpful lists and website links were provided to landowners to find the resources they would need.
 https://www.solanorcd.org/resources/wildfire-resources.html
- Site visits were provided to landowners that requested them, a required element of many of the FSA/NRCS programs





Note: All questions will be recorded and posted on our website.