

Agricultural Order 4.0 Update

County of San Luis Obispo
Agricultural Liaison Advisory
Board Meeting, July 12, 2021



Matthew Keeling

Central Coast Water Board

Update Overview

- *Workshops
- Water Quality Concerns
- Order Development Process
- Big Picture Stuff – for perspective
- Agricultural Order 4.0 Requirements – the high points
- Tools and Resources

[*https://www.waterboards.ca.gov/centralcoast/water_issues/programs/ag_waivers/docs/workshops/ilp_workshop_flyer.pdf](https://www.waterboards.ca.gov/centralcoast/water_issues/programs/ag_waivers/docs/workshops/ilp_workshop_flyer.pdf)

Please join the Irrigated Lands Program at one of the virtual grower workshops noted below to learn more about the newly adopted requirements for irrigated agriculture: Agricultural Order No. R3-2021-0040, commonly referred to as Agricultural Order 4.0. These workshops are free of charge and will be hosted using the Zoom video conferencing platform. Attendees can use a computer or mobile device to view and/or listen to presentations and take part in a live question and answer session with Irrigated Lands Program staff. Presentations will cover an overview of Agricultural Order 4.0 requirements and milestones that need to be achieved within the next few years. All workshops in the schedule below will have the same presentation content. If you have additional questions, please contact Irrigated Lands Program staff at AgNOI@waterboards.ca.gov. Members of the public are invited to participate in the workshops. A quorum of Central Coast Water Board members may be present at the workshops; however, the Central Coast Water Board will not be taking any action.

Date	Time	Language	Meeting Information
Tuesday, July 20, 2021	1:00 p.m. to 3:00 p.m.	ENGLISH	Join Zoom Workshop: https://waterboards.zoom.us/j/95584284862 Meeting ID: 955 8428 4862 Dial in: +1 669 900 9128
Wednesday, July 21, 2021	6:00 p.m. to 8:00 p.m.	ENGLISH	Join Zoom Workshop: https://waterboards.zoom.us/j/94267474326 Meeting ID: 942 6747 4326 Dial in: +1 669 900 9128
Thursday, July 22, 2021	10:00 a.m. to 12:00 p.m.	SPANISH	Join Zoom Workshop: https://waterboards.zoom.us/j/97378794709 Meeting ID: 973 7879 4709 Dial in: +1 669 900 9128
Monday, July 26, 2021	10:00 a.m. to 12:00 p.m.	ENGLISH	Join Zoom Workshop: https://waterboards.zoom.us/j/94851727854 Meeting ID: 948 5172 7854 Dial in: +1 669 900 9128
Tuesday, July 27, 2021	6:00 p.m. to 8:00 p.m.	SPANISH	Join Zoom Workshop: https://waterboards.zoom.us/j/91504906286 Meeting ID: 915 0490 6286 Dial in: +1 669 900 9128
Wednesday, July 28, 2021	1:00 p.m. to 4:00 p.m.	CHINESE	Join Zoom Workshop: https://waterboards.zoom.us/j/96567031411 Meeting ID: 965 6703 1411 Dial in: +1 669 900 9128



COMING SOON: Additional workshops to learn more about third-party programs and how third-party programs can assist growers with Agricultural Order 4.0 requirements. Stay tuned for third-party program workshop information.

Learn more about joining a Zoom meeting: <https://support.zoom.us/hc/en-us/articles/201362193-Joining-a-Meeting>.
Download Zoom software here: <https://zoom.us/download>

Future Workshops

- Third-Party Program Information
- Total Nitrogen Applied (TNA) Report
- INMP Summary Report
- Workshop Surveys



Agricultural Water Quality Concerns

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- Irrigation runoff and stormwater runoff
- Surface water impacts
 - Pesticides and toxicity
 - Nitrogen and other nutrients
 - Sediment
- Infiltration to groundwater
- Groundwater impacts
 - Nitrate
 - 1,2,3-TCP

Order Development Process

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- Started Fall of 2017
 - Project objectives and CEQA scoping
 - Order framework and options tables
 - 20 public meetings and 68 outreach meetings
- Draft Order released February 2020
 - 122-day written public comment period
 - 10 public meetings from Sept 10, 2020 to January 8, 2021; including 3 full days of public comment
- Revised draft released January 2021
 - 30-day written public comment period
- Proposed Order hearing April 14-15, 2021
 - One and a half days of public comment
 - Board directed additional changes
- Court ordered deadline





Big Picture Stuff

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- One year grace period for new requirements
- Incentives
- Phasing and priority areas
- Third-party process update
- Annual updates and adaptive management
- Coordination and facilitation
- State Water Board Petition

General Requirements

- Enroll
- Update electronic Notice of Intent (eNOI)
- Pay annual permit fees
- Maintain and implement Farm Water Quality Management Plan (Farm Plan)
- Implement and assess effectiveness of management practices
- Continue water quality education
- Submit Annual Compliance Form (ACF)



Groundwater Protection Requirements

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- Fertilizer Nitrogen Application Targets and Limits
 - lbs-N/crop for six crops and “other”
 - 90th (YR 2023) and 85th (YR 2024) percentiles
 - UCD/UCANR recommended fert. app. rates
- Nitrogen Discharge to Groundwater Targets and Limits (A-R)
 - 30-year schedule to meet 50 lbs-N/acre/year
 - Three compliance pathways/formulas
 - 300 lbs-N/acre/year (year 2027/2028)
- Monitoring and Reporting
 - Reduced parameters – one exception
 - Trend monitoring
- Third-party program pathway

Surface Water Protection Requirements

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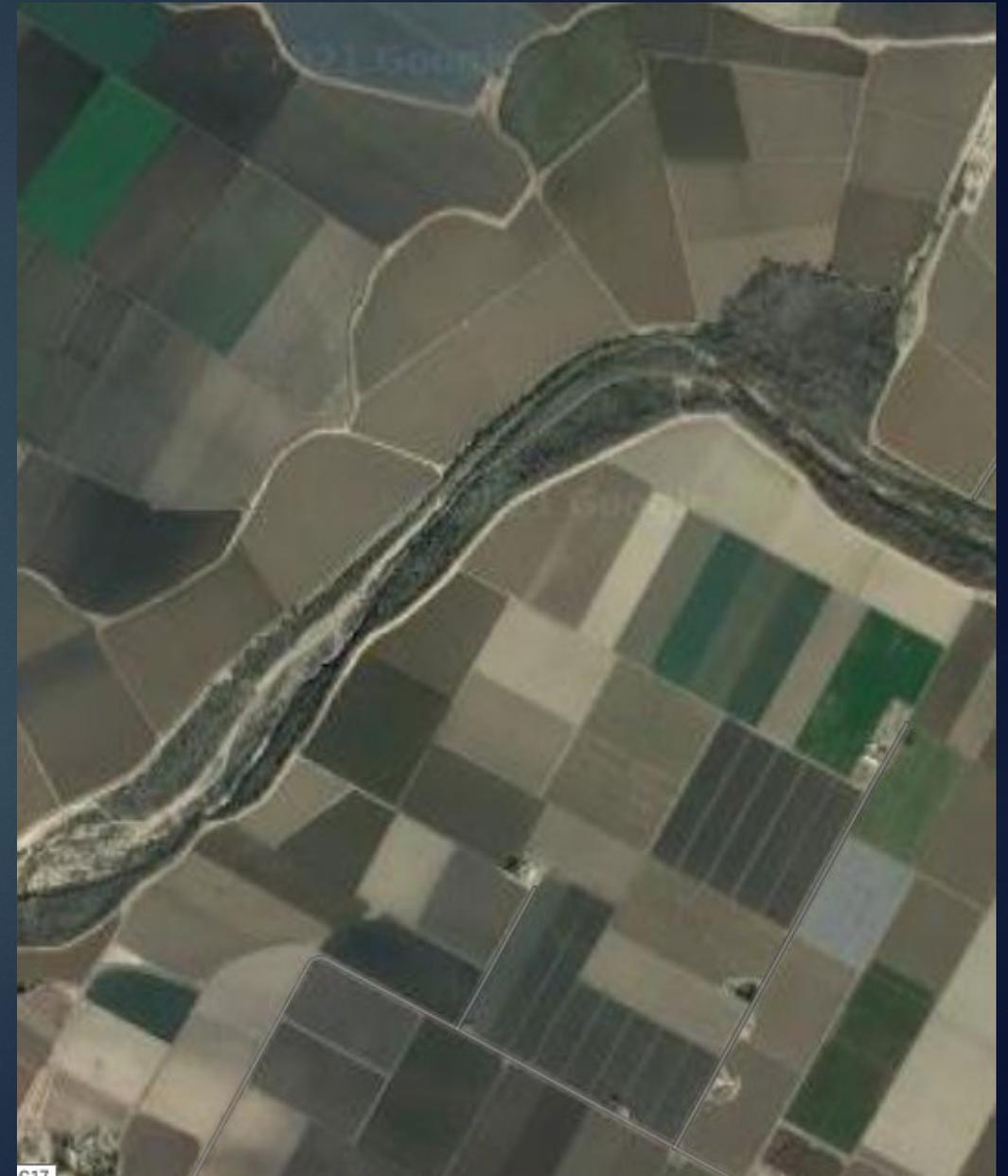
- **Surface Receiving Water Limits**
 - Built into the order
 - Compliance dates - 12/31/2032 and beyond
- **Follow-Up Surface Receiving Water Implementation**
 - Priority area phasing
 - Workplans – 3/1/2023 & 2024
 - Third-party approach
- **Monitoring and Reporting**
 - Preservation, Inc. (CMP)
 - Individual



Riparian Area Management Requirements

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- Operational and riparian area setbacks not included
 - Will revisit at later date
- Existing riparian vegetation
 - Prohibition against disturbance (e.g., removal, degradation, or destruction) unless authorized.
 - Reporting of existing riparian areas



Resources In Development

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- Drinking Water Notification Template
- Individual groundwater trend monitoring work plan template and instructions
- Reporting instructions: ACF, TNA, INMP Summary
- Nitrogen Removal Coefficients
 - Crop Specific (CDFA)
 - Protocols for growers to develop their own (CDFA/UCCE)

Grower Resources & Tools

- ILP website:
https://www.waterboards.ca.gov/centralcoast/water_issues/programs/ag_waivers/
 - Workshops
 - Compliance Calendar
 - Frequently Asked Questions
 - Technical Assistance Providers and Consultants
 - Third-Party Programs
 - [Staff contact list by area](#)
- General Inquiries:
 - AgNOI@waterboards.ca.gov
 - 805-549-3148

Thank you.