



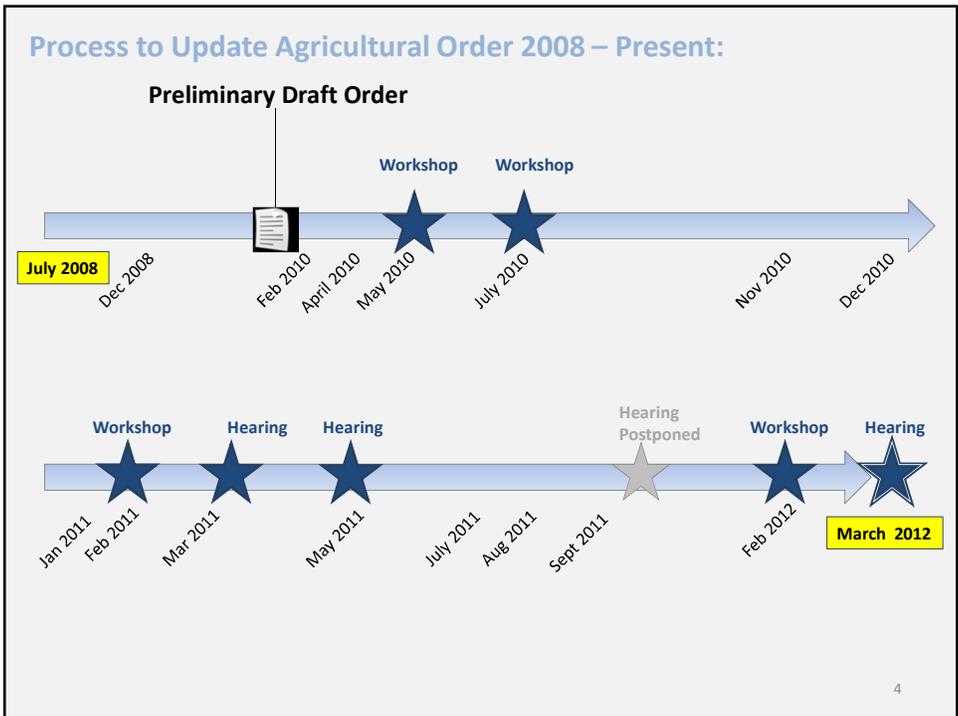
The Central Coast has some of the most severe water pollution in the U.S....

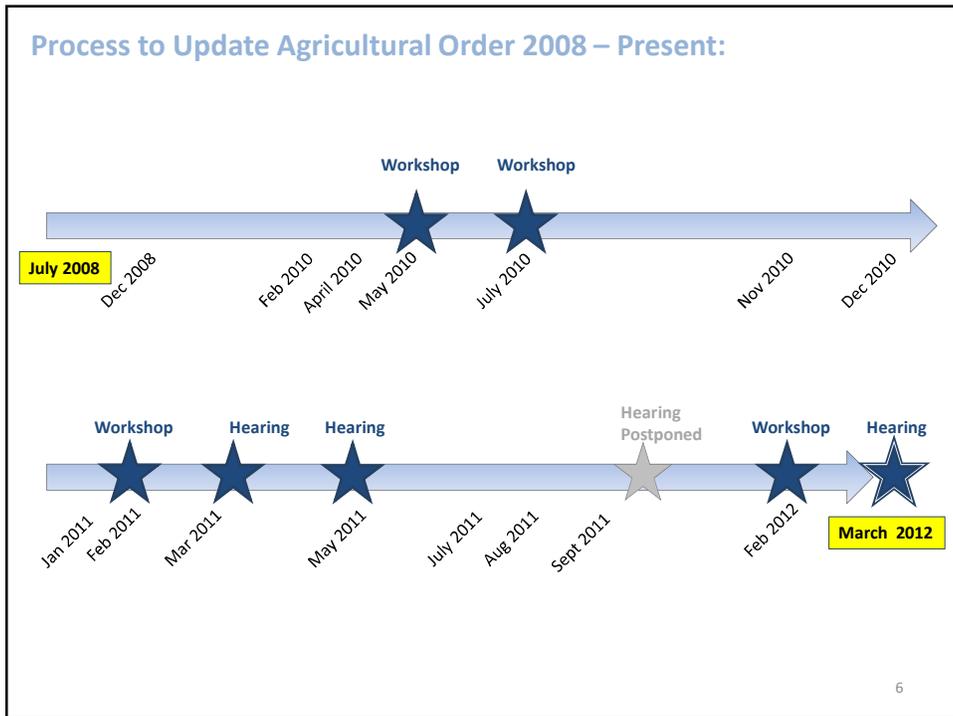
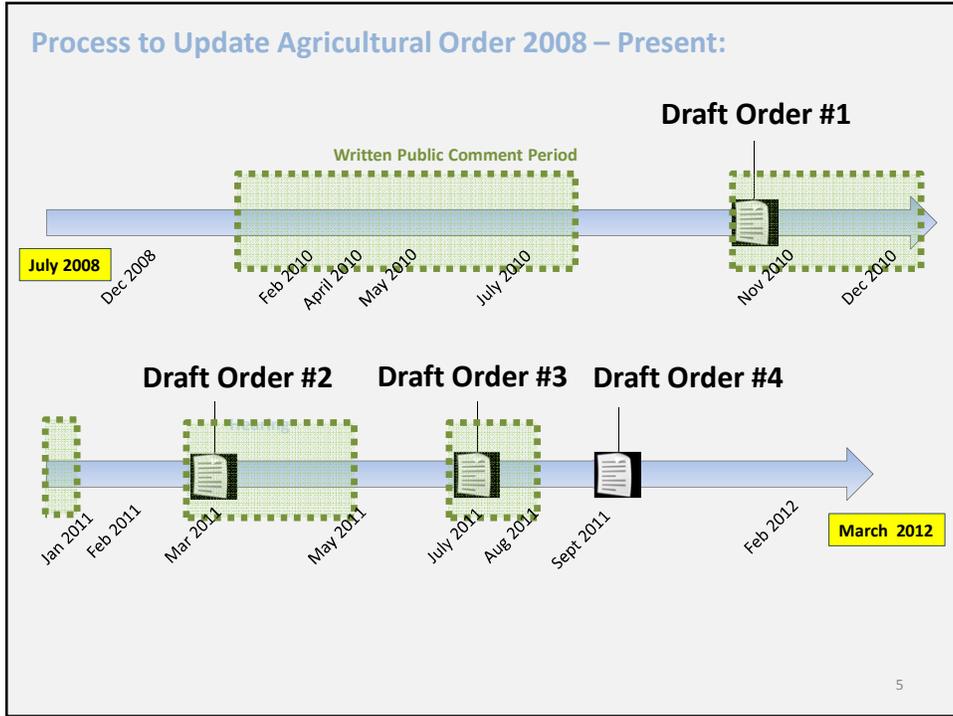
- Drinking Water – nitrate in groundwater
- Fish and aquatic habitat- nitrate, toxicity, pesticides and sediment in streams and ocean

To address the pollution, the Order includes...

- Implementation practices...gw protection, discharge control or treatment, irrigation and nutrient management
- Monitoring and reporting that effectively indicates pollution reduction and water quality improvement

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2004 Conditional Waiver

Meet Water Quality Standards

File Notice of Intent

Farm Plan

- irrigation management
- pesticide management
- nutrient management
- erosion management
- schedules to implement

Management Practice Checklist

Surface Receiving Water Monitoring

Education, Time Schedules

Groundwater Monitoring and Reporting

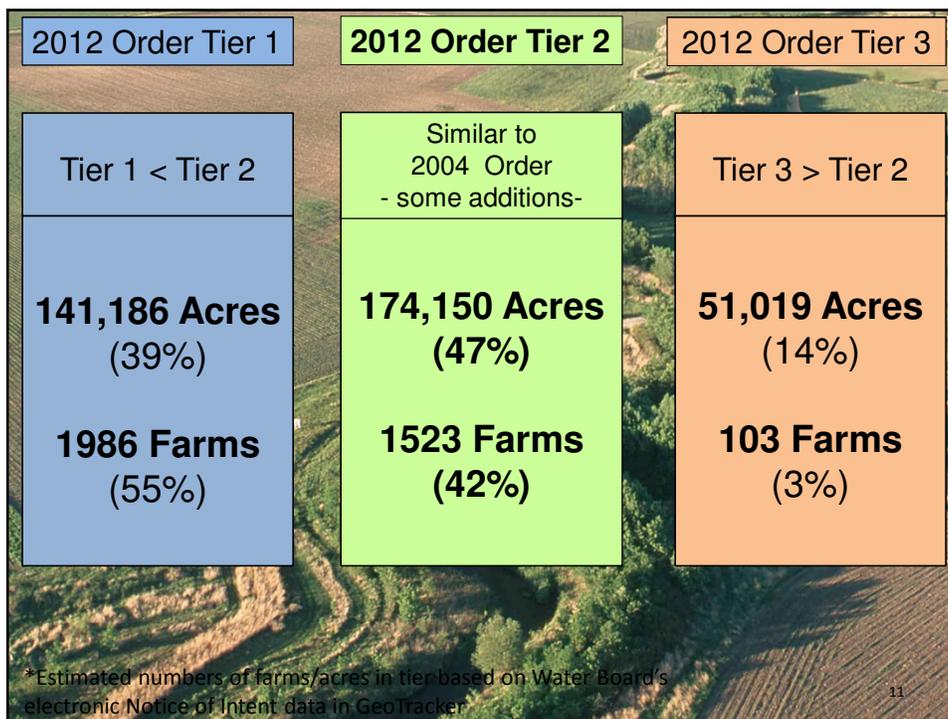
Backflow prevention and Proper Well Abandonment

Annual compliance info - Online entry form

- Total Nitrogen Applied Reporting**
- Photo Monitoring**

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2012 Order Tier 1	2012 Order Tier 2	2012 Order Tier 3
<p><i>Tier 2 Minus:</i></p> <p>Annual compliance info - Online entry form</p>	<p>Meet Water Quality Standards</p> <p>File Notice of Intent</p> <p>Farm Plan</p> <ul style="list-style-type: none"> -- irrigation management -- pesticide management -- nutrient management -- erosion management -- schedules to implement <p>Management Practice Checklist</p> <p>Surface Receiving Water Monitoring</p> <p>Education, Time Schedules</p> <p>Groundwater Monitoring and Reporting</p> <p>Backflow prevention and Proper Well Abandonment</p> <p>Annual compliance info - Online entry form</p> <ul style="list-style-type: none"> -- Total Nitrogen Applied Reporting** -- Photo Monitoring** 	<p><i>Tier 2 Plus:</i></p> <p>Ind. Discharge Monitoring</p> <p>Irrigation and Nutrient Mgmt. Plan**</p> <p>Nutrient Balance Targets**</p> <p>Water Quality Buffer Plan**</p> <p style="text-align: right;"><i>**Subset of Tier</i></p>
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LET'S REVIEW...

- Degree of Regulation → Severity of WQ
- Where in Process- Ready to Recommend
- Extensive Public Input Opportunity
- Responsive Revisions

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2012 Draft Agricultural Order

- Tiers
- Adaptable and Protective Improvements and Effectiveness
- Goals and Priorities

ATTACHMENT 1 1 SEPTEMBER 1, 2011
ITEM 17
DRAFT FOR MARCH/SEPTEMBER 1, 2011 BOARD CONSIDERATION

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
ORDER No. R3-2011-0006
CONDITIONAL WAIVER OF WASTE DISCHARGE REQUIREMENTS
FOR
DISCHARGES FROM IRRIGATED LANDS

The California Regional Water Quality Control Board, Central Coast Region finds that:

1. The Central Coast Region has approximately 435,000 acres of irrigated land and approximately 3000 agricultural operations, which may be generating waste that falls into the category of discharges of waste from irrigated lands.
2. The Central Coast Region has more than 17,000 miles of surface waters (streams/rivers) and approximately 4000 square miles of groundwater basins that are, or may be, affected by discharges of waste from irrigated lands.
3. The State Water Resources Control Board (State Water Board) and Regional Water Quality Control Boards (Regional Water Boards) are the principal state agencies with primary responsibility for the coordination and control of water quality pursuant to the Porter-Cologne Water Quality Control Act (Porter-Cologne Act, codified in California Code of Regulations, Title 23, Section 66000).







Proposed Tiers and Criteria

“one size does not fit all”

Tier 1

- No chlorpyrifos or diazinon
- Not in impaired surface water area
- If nitrogen crop, must be small and not in impaired groundwater area
- Or SIP Certified (or similar)

Tier 2

- Chlorpyrifos or diazinon
- Impaired surface water area
- If nitrogen crop, between 50 – 500 acres or Impaired groundwater area

Tier 3

- Chlorpyrifos or diazinon, and discharge to impaired surface water
- If nitrogen crop, greater than or equal to 500 acres

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Ag Proposal Deletions

Deletions- conditions 32, 33, 35, 36 and 38, respectively, that apply to all enrolled growers (Tiers 1-3) whether they elect to participate in a third party group or not:

- Use containment structures in a way that prevents percolation of waste to groundwater that causes exceedances or overflows to surface water that degrade water;
- Implement chemical storage and handling to prevent discharge to waters;
- Implement management practices to prevent site conditions (such as unpaved roads) from exposing sediment to runoff and practices

Ag Proposal Deletions, Continued

- Implement management practices to prevent the discharge of sediment or erosion from stormwater runoff;
- Implement management practices to protect existing, naturally occurring riparian vegetation to minimize waste discharges and to maintain streambank stability, shading for temperature control, and wildlife habitat.
- Include a description and time schedule for management practices, treatment or control of waste discharges in farm plans;
- Include a description and results of methods used to verify effectiveness of practices in farm plans.

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Ag Proposal Deletions, Continued

Deletions- conditions that apply to Tiers 2 and 3, whether they elect to participate in a third party group or not:

- For Tier 2 and Tier 3-
 - Annual compliance reporting (Conditions 67-68);
 - Photo-monitoring for each farm (Condition 69); and
 - Total Nitrogen Reporting for farms with High Nitrate Loading Risk (Conditions 70-71).

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Ag Proposal Deletions, Continued

Deletions- conditions that apply to Tiers 2 and 3, whether they elect to participate in a third party group or not:

- For Tier 3 only-
 - Individual surface water discharge monitoring (Conditions 72-73);
 - Irrigation and Nutrient Management Plans for farms with High Nitrate Loading Risk (Conditions 74-79);
 - Water Quality Buffer Plans for farms adjacent to or containing a waterbody impaired for temperature, turbidity or sediment; and
 - Time schedules for compliance (Conditions 84-87).

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Ag Proposal Additions

Additions- conditions for individual dischargers who elect to participate in a third party group:

- Dischargers shall implement management practices² (Condition A. 6.);
- Dischargers shall work with the third party group to identify the risk of their operation (Condition A. 7.);
- Discharger voids selection or notification to participate in a third party group if they fail to pay fees (Condition A. 8.); and...

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Ag Proposal Additions, Continued

Additions- conditions** that apply to a third party group:

- Submittal of a Notice of Intent to be a third party group to implement and meet Conditions A.1-10 in Attachment B (Terms and Conditions for Discharger Compliance Through Third Party Group) of the Agricultural Proposal;
- Development and submittal of a General Report/Workplan that will describe 1) how the group will determine the level of risk to water quality of participants, 2) how the group will conduct audits; and 3) how the group will conduct an audit review process; and

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Ag Proposal Additions, Continued

Additions- conditions** that apply to a third party group:

- Submittal of the General Report annually after the General Report/Workplan is approved by the Executive Officer.

**While these conditions are stated as required or “must do,” they are largely incomplete as described in the Agricultural Proposal.

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