



Information Session

2000-J Water Quality General Permit

Pesticide Use In Irrigation Systems

Water Quality Permitting and Program Development

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March 13, 2026
Virtual Information Session

Today's Agenda

- Welcome and introductions
- 2000-J NPDES permit basics
- Proposed changes
- Timeline for renewal

Participation on Teams

- Participation is not recorded
- Time for questions after topics
 - Raise your hand
 - Put a question in the chat
- Addressing permit basics and proposed changes today

Statewide General Permit

- 2000-J expired Sept. 2025
 - One permit covers similar operations, with similar conditions, and contains similar limits
- Application same for all applicants
 - Your DEQ Online
- Lower cost permit
 - Initial individual permit fee: \$19,243, annual fee \$6,467
 - Initial general permit fee: \$862, annual fee \$884
 - DEQ transitioned individual permittees to general permit status in 2020

Permit Basics

- Cover Page
- Schedule A
 - management practices and effluent limits
- Schedule B
 - monitoring, notification, recordkeeping & reporting
- Schedule D
 - Pesticide Discharge Management Plan
- Schedule F
 - General conditions same for all permits

Cover Page

- One permit for multiple sources with similar operations
 - Water quality NPDES general permit for pesticide applications to control weeds and algae within irrigation system boundaries
- Districts register
- Districts include:
 - Water Improvement Districts (ORS 552)
 - Water Control Districts (ORS 553)
 - Irrigation Districts (ORS 545)

Definitions

- Pesticide management area: within irrigation district boundaries
- Treatment area: where pesticide is applied within the irrigation system
- Pesticide discharge management plan (PDMP): tool to document permit's pest management measures

Permit Basics – Schedule A

Effluent Limits

- Meet water quality standards for pesticides
- Acrolein
- Copper (Dissolved)
 - West extension irrigation district
 - Biotic ligand model copper regions
- Xylene

Effluent Limits

- Within treatment area after treatment is complete
- Outside treatment area during treatment
- Outside irrigation system boundary anytime

Permit Basics – Schedule A

- Pest Management Measures
 - Follow the Federal Insecticide Fungicide Rodenticide Act (FIFRA) label
 - Integrated pest management
 - Identify the problem
 - Evaluate pest management options
 - Determine appropriate pesticide use
 - Acrolein, copper and xylene pesticide use practices
 - Corrective action

Permit Basics – Schedule B

- Recordkeeping
- Notifications required by the permit
 - Water users and community
 - Spill
 - Adverse incident
- Monitoring
 - Visual observation for adverse incident
 - Sampling for acrolein, dissolved copper and xylene
- Electronic Reporting
 - Monthly
 - Annually

Permit Basics – Schedule B

Sampling locations

- At point of release to natural water
 - Acrolein
 - Dissolved copper
 - Xylene
- Within treatment area for testing
 - Dissolved copper
 - Xylene

40 CFR Part 136

- Identify sample location
- Sample integrity
 - Keep sample **cold** until arrives at lab
 - Bottle type
- Analysis
 - Matrix is wastewater not drinking water
 - Dissolved copper not total copper
 - Quantitation limits
 - Lab report

Schedule D

Pesticide Discharge Management Plan

- Administration
 - Not submitted with an application
 - Kept up-to-date
 - Available for review by DEQ
 - Must be signed by a responsible official
- Contents
 - Team
 - Identify the pest
 - Options for pest management
 - Pesticide application rates, how often
 - Response procedures (spills, adverse incident)
 - Supporting documents

Schedule F

- Standard set of conditions for NPDES industrial permit

2000-J Water Quality General Permit

- Questions ???

Propose with renewal

Remove from Schedule A

- Condition A.1.d. (page 8)
 - Pesticides listed are not used by irrigation districts
- Conditions A. 7.a.b.c, h and 8 (page 12)
 - Size and presence of aquatic weeds, amount of water in the irrigation system
- Condition A. 11 (page 14)
 - Klamath irrigation district must not treat every canal in district at one time

Permit still requires

- Proper use according to its pesticide label
- Pest management measures include integrated pest management – surveillance to determine action level is met
- Licensed applicator
- Permit limits

Propose with renewal

Remove from Schedule A

- Condition A. 7. e., h., (page 12, 14)
 - Shut gates, two hours before pesticide application shut gates
 - How to determine speed
 - Manage the rate for water users

Permit still requires

- Pesticide use practices for irrigation systems with gates that discharge to natural water and use acrolein, copper and xylene
 - Proper working order
 - Close and lock before pesticide application reaches gate
 - Study and document, flow volume = area/time, velocity = distance/time
 - Inspect during treatment
 - Reopen when permit limits are met
 - Holding, sampling, turnover

Propose with renewal

Changes to Schedule B

- Combine condition 8 with condition 7
 - Notification to farms with dairy animals if going to use acrolein
 - Will be a part of notification of intended use to water users in condition 7
- Remove condition 11
 - Reminder applicable to product manufacturer
- Combine recordkeeping conditions in 15 and 16
 - Records to show FIFRA label was followed

Permit still requires

- Condition 7 notification contains information about pesticide use to area encompassing the irrigation system
- Proper use according to the label
 - acrolein label contains restrictions for dairy animals
- Proper use according to pesticide label

Propose with renewal

Clarifications in Schedule B

- Sampling in B.6.
 - Acrolein, copper and xylene when discharge to natural water
 - No sampling is required if there is no flow to natural water
 - Copper and xylene within treatment area
- Quality
 - Dissolved copper
 - resampling is required when QA/QC not met
- Remove reduced sampling option

Permit contains

- 40 CFR Part 136
- Identify sample location
- Result of analysis is required
 - Sample report from laboratory is submitted with results
- Monthly reporting as well as annual report
- Electronic reporting

Renewal Schedule

- Today's information session slides and proposed changes will be posted on [DEQ's Pesticide Applications into Surface Water web page](#)
- End of March through April
 - Public notice
 - Virtual public hearing
- Late May
 - Issue with response to public comment
 - Effective date in June

2000-J Water Quality General Permit

- Questions ???
- [Pesticide applications into surface waters](#)
- Sign up for notifications on water quality permits via [GovDelivery](#)
- Contact Information
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