

STATE WATER RESOURCES CONTROL BOARD
ORDER WQ 2014-0078-DWQ
AMENDING

STATE WATER RESOURCES CONTROL BOARD
WATER QUALITY ORDER 2013-0002-DWQ
GENERAL PERMIT NO. CAG 990005

STATEWIDE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
PERMIT FOR RESIDUAL AQUATIC PESTICIDE DISCHARGES TO WATERS OF THE
UNITED STATES FROM ALGAE AND AQUATIC WEED CONTROL APPLICATIONS

The State Water Resources Control Board adopted Water Quality Order 2013-0002-DWQ on:	March 5, 2013
This Order amends Water Quality Order 2013-0002-DWQ. The State Water Resources Control Board adopted this Order on:	May 20, 2014
This Order becomes effective on:	May 20, 2014

THIS ORDER HEREBY amends Water Quality Order 2013-0002-DWQ as shown in the attachment to this order. Changes to Water Quality Order 2013-0002-DWQ as amended are shown in red text. Text in ~~strikeout~~ indicates deleted language and text in underline indicates added language.

IT IS FURTHER ORDERED that staff post a conformed copy of Order 2013-0002-DWQ incorporating the revisions made by this Order.

I, Jeanine Townsend, Clerk to the Board, do hereby certify that this Order with its attachment is a full, true, and correct copy of an Order adopted by the State Water Resources Control Board, on May 20, 2014.

AYE: Chair Felicia Marcus
Vice Chair Frances Spivy-Weber
Board Member Tam M. Doduc
Board Member Steven Moore
Board Member Dorene D'Adamo

NAY: None

ABSENT: None

ABSTAIN: None



Jeanine Townsend
Clerk to the Board

Limitations and Discharge Requirements, Section II.C, General Permit Application, page 4, immediately below Item 3, add the following paragraph:

A Discharger proposing to apply algaecides and aquatic herbicides in multiple Water Board regions shall submit one NOI, one APAP, and one filing fee. The Discharger shall indicate in the NOI all the Water Board regions where applications are planned. The Discharger shall address all required elements of the APAP for all areas in the state where discharges are proposed.

Limitations and Discharge Requirements, Section VI, Receiving Water Limitations, Table 3, correct the dissolved saltwater receiving water chronic limitation for copper as shown below:

Table 3. Receiving Water Limitations

Constituent/ Parameter	BENEFICIAL USE ¹			All Designations	Basis
	MUN, µg/L	WARM or COLD, µg/L	Other than MUN, WARM, or COLD, µg/L		
2,4-D	70				U.S. EPA MCL
Acrolein ²	320	21	780		U.S. EPA Water Quality Criteria, 1986.
Copper ²				Dissolved Freshwater ³ Copper Chronic = $0.960 \exp\{0.8545 [\ln(\text{hardness}^4)] - 1.702\}$ ^{5,6} Dissolved saltwater Saltwater ³ Copper Chronic = <u>3.1</u> µg/L $0.83 \exp\{0.8545 [\ln(\text{hardness}^4)] - 1.702\}$ ^{5,6}	California Toxics Rule
Diquat	20				U.S. EPA MCL
Endothall	100				U.S. EPA MCL
Fluridone	560				U.S. EPA Integrated Risk Information System
Glyphosate	700				U.S. EPA MCL
Nonylphenol				Freshwater Chronic Criterion = 6.6 µg/L Saltwater Chronic Criterion = 1.7 µg/L	U.S. EPA National Recommended Ambient Water Quality Criteria
Toxicity	Algaecide and aquatic herbicide applications shall not cause or contribute to toxicity in receiving water(s).				Regional Water Boards' Basin Plans

Fact Sheet, Section II.B, Fees, page D-9, add the following second paragraph:

A Discharger proposing to apply algaecides and aquatic herbicides in multiple Water Board regions shall submit one NOI, one APAP, and one filing fee. The Discharger shall indicate in the NOI all the Water Board regions where applications are planned. The Discharger shall address all required elements of the APAP for all areas in the state where discharges are proposed.

Fact Sheet, Section VI.B.1, Receiving Water Limitations, Table D-2, page D-24, correct the dissolved saltwater receiving water chronic limitation for copper as shown below:

Table D-2. Summary of Receiving Water Limitations

Constituent/ Parameter	BENEFICIAL USE ¹			All Designations	Basis
	MUN, µg/L	WARM or COLD, µg/L	Other than MUN, WARM, or COLD, µg/L		
2,4,-D	70				U.S. EPA MCL
Acrolein ²	320	21	780		U.S. EPA Water Quality Criteria, 1986.
Copper ²				Dissolved Freshwater ³ Copper Chronic = $0.960 \exp\{0.8545 [\ln(\text{hardness}^4)] - 1.702\}$ ^{5,6} Dissolved saltwater <u>Saltwater</u> ³ Copp er Chronic = <u>3.1</u> µg/L $0.83 \exp\{0.8545 [\ln(\text{hardness}^4)] - 1.702\}$ ^{5,6}	California Toxics Rule
Diquat	20				U.S. EPA MCL
Endothall	100				U.S. EPA MCL
Fluridone	560				U.S. EPA Integrated Risk Information System
Glyphosate	700				U.S. EPA MCL
Nonylphenol				Freshwater Chronic Criterion = 6.6 µg/L Saltwater Chronic Criterion = 1.7 µg/L	U.S. EPA National Recommended Ambient Water Quality Criteria
Toxicity	Algaecide and aquatic herbicide applications shall not cause or contribute to toxicity in receiving water(s).				Regional Water Boards' Basin Plans

Attachment G, Exception List, revise Attachment G as shown below:

Attachment G – Exception List

LIST OF PUBLIC AGENCIES AND MUTAL WATER COMPANIES GRANTED AN EXCEPTION PURSUANT TO STATE WATER RESOURCES CONTROL BOARD POLICY FOR IMPLEMENTATION OF TOXICS STANDARDS FOR INLAND SURFACE WATERS, ENCLOSED BAYS, AND ESTUARIES OF CALIFORNIA (POLICY)

The public entities and mutual water companies listed herein have prepared Initial Studies, Negative Declarations (ND), or Mitigated Negative Declarations (MND), and Notices of Determination for the discharge of algacides and aquatic herbicides in accordance with the California Environmental Quality Act (CEQA (Public Resources Code § 21000 et seq.)) to comply with the exception requirements of section 5.3 of the Policy. The boards of each public entity or mutual water company, as the lead agencies under CEQA, approved the Final ND/MND and determined that the discharge of algacides and aquatic herbicides in their respective projects would not have a significant effect on the environment. These public entities and mutual water companies have determined that the water quality or related water quality impacts identified in the environmental assessments of the ND/MND are less than significant.

In addition to submitting the CEQA documentation, these public entities and mutual water companies have also complied with the other exception requirements of section 5.3 of the Policy.

As required in section 15096 of the CEQA Guidelines, the State Water Resources Control Board (State Water Board), as a Responsible Agency under CEQA, considered the ND/MND approved by the board of each public entity or mutual water company and finds that the projects will have less than significant water quality impact if the waste discharge requirements in this General Permit are followed. Accordingly, the public entities and mutual water companies listed herein are hereby granted an exception pursuant to section 5.3 of the Policy.

1. Byron-Bethany Irrigation District
2. City of Antioch Department of Public Works
3. Contra Costa Water District
4. Contra Costa County Flood Control and Water Conservation District
5. Department of Food and Agriculture
6. Department of Water Resources
7. Fresno Irrigation District
8. Friant Water Users Authority
9. Glenn-Colusa Irrigation District
10. Maine Prairie Water District
11. Marin Municipal Water District
12. Merced Irrigation District
13. Metropolitan Water District of Southern California

14. Modesto Irrigation District
15. Nevada Irrigation District
16. North Marin Water District
17. Oakdale Irrigation District
18. Placer County Water Agency
19. Potter Valley Irrigation District
20. Princeton-Cordora-Glenn Irrigation District
21. Provident Irrigation District
22. Reclamation District 108
23. Reclamation District 1004
24. Santa Cruz Water Department
25. Solano Irrigation District
26. South Feather Water and Power Agency
27. South Sutter Water District
28. Tehama Colusa Canal Authority
29. Turlock Irrigation District
30. Woodbridge Irrigation District
31. Yolo County Flood Control and Water Conservation District