

Proposed General Waste Discharge for Requirements Dairies

Item No. 4

August 15, 2019

Cherie Blatt, NCRWQCB





In Your Packet

Proposed Order R1-2019-0001 GWDR, redline/strikeout version

- Attachment A - Notice of Intent (NOI)
- Attachment B – Title 27- California Code of Regulations, sect: 22560-22565
- Attachment C – Definitions
- Attachment D – Monitoring and Reporting Program (MRP)
 - Appendix 1 – Water Quality Plan (WQP) with Riparian Management Plan
 - Appendix 2 – Nutrient Management Plan (NMP)
 - Appendix 3 – Annual Report
- Attachment E – Tribal Cultural Resources Mitigation Program
- Attachment F – Initial Study and Mitigated Negative Declaration

Response to Comments

Comment letters received

Notice of Public Hearing

Change Sheet



Presentation Outline

1. Proposed General Waste Discharge Requirements
2. April 2019 Hearing Outcome
3. Events Since April Hearing
4. Public Comments
 - re: changes presented at April hearing
5. Review Changes Made to the Order and MRP
6. Staff Recommendation



Dairy Types Covered

- Existing cow dairies
- Goat, sheep, water buffalo
- New dairies
- Expanding dairies
- Previously inactive dairies
- ≥ 25 cows/water buffalo or 100 goats/sheep must submit NOI, plans, reports
- Smaller dairies must meet prohibitions

Requirement Comparison	2012	2019
Water Quality Plan	✓	✓
Annual Reports	✓	✓
Waste Discharge Specifications	✓	△
Surface Water Monitoring	✓	△
Groundwater Monitoring	✓	△
Nutrient Management Plan	✓	△
Riparian Management Plan	-	+
Tribal Cultural Resources	-	+

✓ = Existing, - = Absent, △ = Changed, + = New



April 18, 2019 Hearing Outcome

Board directed staff to meet with stakeholders and review April changes since November 1, 2018 draft GWDR:

- Nutrient management
- Surface and groundwater monitoring



Events Since April 18, 2019 Hearing

- 30-day public review May 14 to June 14
- Stakeholder meetings:
 - ✓ May 31 in Santa Rosa
 - ✓ June 4 in Fortuna
- Received 13 comment letters:
 - ✓ 2 public organizations
 - ✓ 8 dairy stakeholders
 - ✓ 3 environmental organizations



Public Comment Topics


- Nutrient management
- Surface water monitoring and reporting
 - ✓ sample location and timing during storms
 - ✓ discharge reporting/sampling
 - ✓ bacteria and phosphorus monitoring
- Groundwater monitoring and reporting
 - ✓ Work Plan requirements
 - ✓ frequency of monitoring
 - ✓ GeoTracker submittal
- Public review of documents
- Riparian protection requirements
- Clarifications



Changes to Proposed Order

Nutrient Management Plans

- NMP – submittal not required unless requested
- NMP – Worksheet removed
- Annual Report – added nutrient budget information
 - ✓ agronomic rate calculations
 - ✓ management practices



Clarification Regarding Nutrient Management Plans

- Addition to Response to Comments
 - ✓ clarifies when NMP information may be requested for submittal
 - ✓ clarifies what focused NMP information may be requested



Changes to Proposed Order

- Bacteria surface water sampling in 303(d) watersheds only – reduced to 1x/year
- NOI/WQP due dates extended 2 months
- Additional monitoring required:
 - ✓ re: breach of manure pond
- Removed biostimulatory conditions inspection requirement
- Clarifications:
 - ✓ surface sampling within 18 hours of 1” rainfall
 - ✓ groundwater well information details

REQUIREMENT	DUE DATE
Notice of Intent	Nov. 30, 2019
Water Quality Plan	Nov. 30, 2020
Riparian Management Plan	Nov. 30, 2020
NMP completion	Nov. 30, 2020
Annual Reports	Nov. 30 begin 2021
Surface Water Monitoring bacteria: 303(d) watersheds	3 times/winter 1 time/winter
Groundwater Monitoring	Year 1, 2, 3, then every 3 years

Staff Recommendation

Adoption of:

- Proposed GWDR Order R1-2019-0001
- Mitigated Negative Declaration-Attachment F





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Thank You

