

Regulatory Program for Waste Discharges from Cow Dairies

**NORTH COAST REGIONAL WATER
QUALITY CONTROL BOARD**

Item No. 8

May 5, 2011

Outline

- Stakeholder Outreach
- Dairy Regulations Overview
- Dairy Program Permits
 - NPDES
 - General Waste Discharge Requirements (GWDR)
 - Waiver of WDRs
- CEQA Review
- Questions & Comments

Stakeholder Outreach

- Initiated Outreach early 2010
- Humboldt - March 16
 - Resource Conservation District
 - Natural Resource Conservation Service
 - Dairy Producers
- Sonoma/Marin – 1st Wed (Feb, Mar, Apr)
 - Animal Resource Committee members
 - Agencies & Dairy Producers
- Santa Rosa – May 2
 - Stakeholders
- Lyris

Regulations

- California Water Code
 - Basin Plan
 - Nonpoint Source Policy (2004)
- California Code of Regulations Title 27
 - Statewide Minimum Standards
- Federal Clean Water Act
 - Point Source Discharges = NPDES Permit
 - New Rules for Confined Animal Feeding Operations (CAFO)(2008)

North Coast Dairy Program Tiered Regulatory Options

Federal
permit
(NPDES)

State
permit
(GWDR)

State
conditional
waiver

Common Elements

- Enrollment Procedure
- Waste Management Plans
- Nutrient Management Plans
- Monitoring
- Reporting

Enrollment Procedure

- Dairy self-certifies
- Notice of Intent
- Fee
- Due 90 days after Order Permit adoption

Waste Management Plans

- For the Production Area
- Design
- Implementation

Nutrient Management Plans

- For the Land Application Area
- Design
- Implementation

Monitoring

- Check Water Quality Protection
- Collect Water Quality Samples
 - Surface Water
 - Groundwater

Reporting

- Annual Report – Submit Checklist
- Attach Sampling Results
- Fall photos of Best Management Practices

NPDES

- To Permit Surface Water Discharges
- Enroll
 - Notice of Intent
- Nutrient Management Plan (NMP)
 - Due upon enrollment
- Annual Reporting
 - Surface Water
 - Groundwater
 - Soil
 - Nutrient Management

General Waste Discharge Requirements (GWDR)

Enroll

- Notice of Intent
- 90 days after adoption

Waste/Nutrient Management Plan (WMP/NMP)

- 3 years to Design (from Order adoption date)
- 5 years to fully Implement (from Order adoption date)

Annual Monitoring and Reporting

- Surface Water, 3 storms: TSS, NH₄, TP, TN, pH, EC
- Groundwater, 2 x/yr Nitrate

Waiver of WDRs

Enroll

- Notice of Intent
- 90 days after adoption

Waste/Nutrient Management Plan (WMP/NMP)

- 6 mo. to Design
- 15 mo. to Implement

Annual Monitoring and Reporting

- Surface Water, 3 storms: TSS, NH₄, TP, TN, pH, EC, Temp
- Groundwater, 2 x/yr: Nitrate

CEQA

- Internal draft of Initial Study/CEQA checklist under review
- Mitigated Negative Declaration
 - Determined that proposed project will not have a significant effect on the environment
- State Clearinghouse
 - 30 day Draft Public Review & Comment Period
 - Response to Comments
- CEQA resolution to be adopted by Board with permit adoption

Next Steps

- Mid May release of draft permits and SCH delivery
- 45 day public review & comment of permit package
- Revisions and Response to Comments
- Develop a Compliance Assistance program

- Hearing to Consider Adoption, Regional Board Meeting
August 11, 2011

- 35 Onsite Assessments
 - First 10 by June 30

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Questions and Public Comments