

Regulatory Program for Waste Discharges from Dairies and CAFOs in the North Coast Region

**NORTH COAST REGIONAL WATER
QUALITY CONTROL BOARD**

Item No. 9
January 19, 2012

Presentation Outline

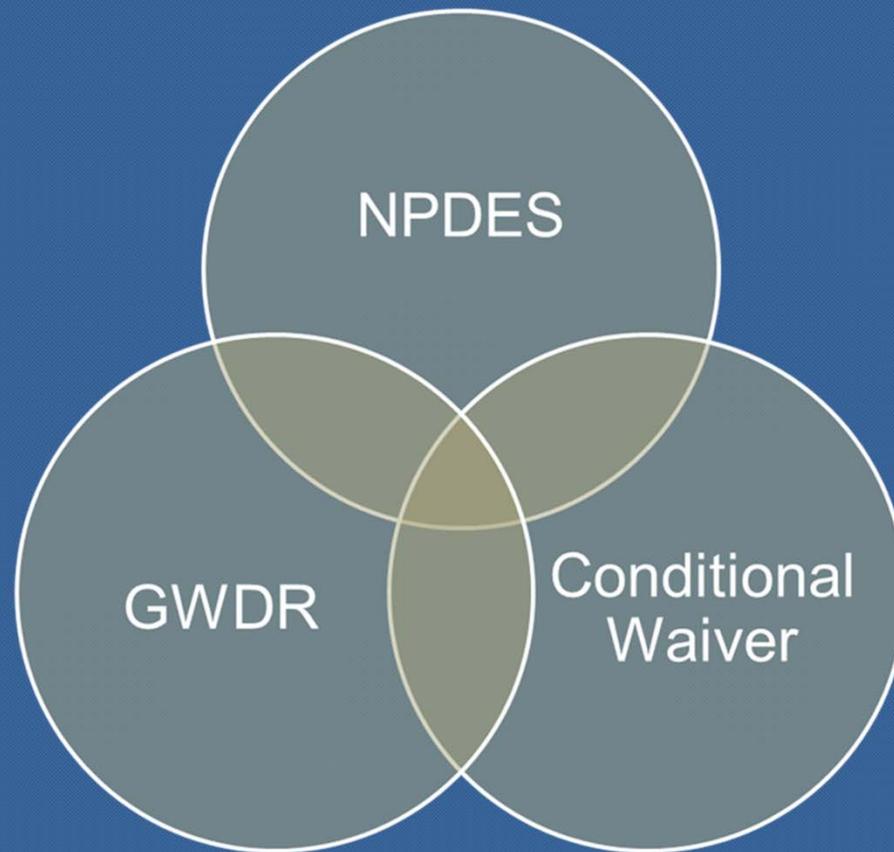
- Program Development Process
- Dairy Program Permits
 - Conditional Waiver of WDRs
 - General Waste Discharge Requirements (GWDR)
 - NPDES
- Public Comments
- Modifications to Permits
- Questions & Comments

Program Development Process

Stakeholder involvement & outreach:

- Spanned two years
- Focused stakeholder meetings
- Dairy assessments regionwide
- Public meetings
 - Scoping/CEQA
 - Board workshops
- 43 day public comment period

North Coast Dairy Regulatory Program Options



Conditional Waiver and GWDR Common Requirements

- Prohibitions
 - No waste discharge to surface water
 - No waste discharge to groundwater
- Demonstrate compliance with Statewide Water Quality Regulations for Confined Animal Facilities (Title 27)
 - Meets minimum standards
- Monitoring & Reporting

Conditional Waiver and GWDR

Key Differences

- Conditional Waiver – applies to dairies that pose low or insignificant risk to water quality
- GWDR – applies to dairies that potentially pose a significant threat to water quality and do not meet minimum requirements for Waiver

Conditional Waiver and GWDR

Key Differences

	Waiver	GWDR
Water Quality Plan	X	
Waste Management Plan		X
Nutrient Management Plan (NMP)		X
NMP -CAFOs	X	X
Fees		X

NPDES Permit

- ❖ National Pollutant Discharge Elimination System (NPDES)
- ❖ CAFOs that Discharge
- ❖ Point Source Discharges

NPDES Permit Enrollment Process

- ❖ Self Identification
- ❖ Notice of Intent (NOI)
- ❖ Nutrient Management Plan (NMP)
- ❖ Staff Review and Concurrence
- ❖ 21-Day Public Review
- ❖ Confirmation Letter

NPDES Permit Nutrient Management Plan (NMP)

- ❖ Comprehensive Plan
- ❖ Best Management Practices
- ❖ Water Balance
- ❖ Rates of Application
- ❖ Identify Fields and Crops

Public Comments

- Seven Comment Letters
 - UC Davis School of Agriculture & Natural Resources
 - Western United Dairymen
 - Del Norte NRCS
 - Sotoyome RCD
 - Humboldt Farm Bureau
 - SHN Engineers & Geologists
 - Humboldt Worm & Tea

Permit Modifications in Response to Public Comments

- Editorial corrections
- Clarifications
- Deliverable date changes
- Technical changes
- Existing facility definition

Deliverable Date Changes

Report	Draft Date	Revised Date
Waiver NOI	April 19, 2012	April 30, 2012
GWDR NOI	April 19, 2012	April 30, 2012
Waiver Water Quality Plan	July 19, 2012	November 30, 2012
GWDR Waste Management Plan & Nutrient Management Plan	January 19, 2014	January 19, 2013

Technical Changes

- Nitrogen budgeting requirements for pasture-based dairies
- Clarification regarding specialist support

CEQA & Existing Facilities Definition

- Dairy Program is exempt from CEQA, as it applies only to existing dairy facilities (CWC §15301)
- New or expanding dairies must apply for Individual WDR or Individual Waiver

Public Comment Changes *Not* Made

- Monitoring requirements
- Reporting requirements
- Title 27 language

Late Comments

- SHN Engineers & Geologists
January 10-18
- Environmental Protection Information Center (EPIC), January 12
- River Watch, January 17

Next Steps

- Finalizing Program Implementation Work Plan for administering the Dairy Program
 - Internal training for staff
 - Inspection scheduling
 - Budgeting & personnel
- Education and Outreach
 - Notice to dairies to comply
 - 16 Dairy assessments w/EPA
 - Assist dairies with program compliance

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Staff Recommendation

Adopt Dairy Orders with Change Sheet revisions

- NPDES R1-2012-0001
- GWDR R1-2012-0002
- Waiver R1-2012-0003

Questions and Public Comments