

A photograph of two black and white cows standing in a green field under a blue sky. The cows are the central focus, with one slightly behind the other. The background shows a line of trees and a clear sky.

**NORTH COAST REGIONAL WATER
QUALITY CONTROL BOARD
PUBLIC WORKSHOP**

**Development of Regional
Permitting Program for Dairies**

Workshop Presentation Outline

- **Welcome**
- **Purpose of the Workshop**
- **Introductions**
- **Program Overview**
- **Break**
- **Public Comment/Mind Chart**
- **Wrap up and Next Steps**

Purpose of Dairy Workshop

A background image showing two cows, one black and white and one white with black spots, standing in a green field under a blue sky. The cows are facing forward, and the image is slightly faded to allow text to be overlaid.

- **Keep the public and stakeholders informed**
- **Briefly describe state and federal regulations that apply to dairy operations**
- **Receive public input on the approach to the dairy program for the North Coast Region**

Regulations

The background of the slide features two black and white cows standing in a lush green field. The cows are facing forward, and the sky above them is a clear, bright blue. The overall scene is a peaceful rural landscape.

- **Federal Clean Water Act**
- **California Code of Regulations Title 27**
- **California Water Code (Porter Cologne)**
- **Basin Plan**

North Coast Dairy Program

The background of the slide features two black and white cows standing in a lush green field. The sky is a clear, bright blue. The cows are positioned in the center and right-center of the frame, looking towards the camera. The overall scene is bright and sunny, suggesting a healthy dairy farm environment.

Minimize waste discharges to water through active management of the farm and waste

All aspects of the program will include:

- **Nutrient Management Plan or equivalent**
 - Develop the plan
 - Put the plan into action
- **Monitoring**
- **Reporting**

Permitting Options

The background of the slide shows two black and white cows standing in a green field under a clear blue sky. The cows are positioned behind three semi-transparent rectangular boxes that contain text. The boxes are arranged horizontally across the middle of the image.

Federal
permit
(NPDES)

State
permit
(GWDR)

State
conditional
waiver

NPDES general permit

- **Required under federal regulations for CAFOs to discharge to surface water**
- **NPDES permit is the most stringent because it allows waste discharge into surface water**
 - **CNMP made available for public review and comments**
 - **Monitoring and reporting**

NPDES general permit Continued

A background image showing two cows standing in a green field under a clear blue sky. The cows are facing forward, and the image is slightly faded to allow text to be overlaid.

- Waste from the production areas may discharge to surface water under certain conditions (“coverage for the unexpected”)
- Agricultural storm water discharges exempt from federal regulations
- If no discharge to surface water, then a state permit can be used



Dairy cows



Water of the US



Lagoon overflow





Permitting Options

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permit
(NPDES)

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California Dairy Permits

Region	NPDES	Individual WDR	GWDR	Waiver
Region 1*		X		
Region 2			X	X
Region 3	X			
Region 4	X			
Region 5			X	X
Region 6			X	
Region 7	X		X	
Region 8	X		X	
Region 9		X		X

* Some storm water permits

General Waste Discharge Requirements

- Nutrient management plan
- Monitoring
- Reporting
- Discharge to groundwater is recognized

Conditional Waiver

The background of the slide features two black and white cows standing in a lush green field. The sky is a clear, bright blue. The cows are positioned on either side of the center, looking towards the camera. The overall scene is a peaceful rural landscape.

- **Waives NPDES and GWDR**
- **No discharge to surface water**
- **No significant threat to beneficial uses of water including groundwater**
- **NMP or equivalent**
- **Monitoring**
- **Reporting**

Fees

The background of the slide features two black and white cows standing in a lush green field. The sky is a clear, bright blue. The cows are positioned in the center-right of the frame, facing forward. The overall scene is bright and sunny.

- **NPDES or GWDR annual fees**
 - **Facilities certified under an approved quality assurance program receive a 50% fee reduction**
- **Waiver: one time application fee**

Assistance

Regional Water Board

<http://www.waterboards.ca.gov/northcoast/>

Resource Conservation District (RCD)

<http://www.carcd.org/>

Natural Resource Conservation Service (NRCS)

<http://www.nrcs.usda.gov/>

University of California Cooperative Extension

<http://ucanr.org/>

Western United Dairymen

<http://www.westernuniteddairymen.com/>

Farm Bureau

<http://www.cfbf.com/>

Next Steps...

■ Tonight

- List and organize ideas from tonight's workshop

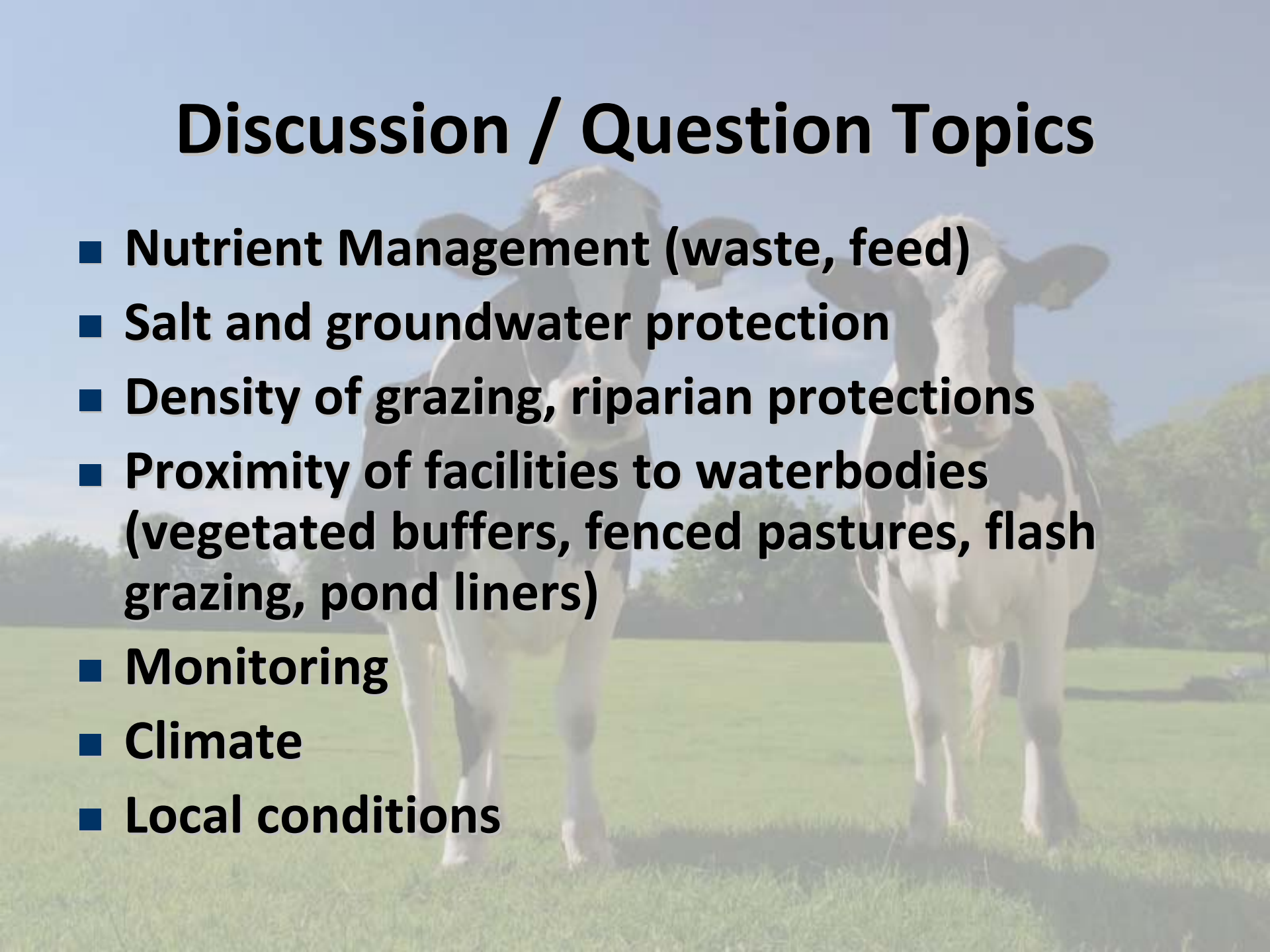
■ Between now and the end of the year

- Apply federal and state regulations
- Incorporate public comments
- Draft permits/conditional waiver
- Public review and comment on draft permits

■ Early 2011

- Response to public comments
- Revision of permits if needed
- Public meeting to adopt permits

Discussion / Question Topics

A background image showing two cows standing in a green field under a clear blue sky. The cow on the left is black and white, and the cow on the right is white with black spots. The image is slightly faded to allow the text to be read clearly.

- **Nutrient Management (waste, feed)**
- **Salt and groundwater protection**
- **Density of grazing, riparian protections**
- **Proximity of facilities to waterbodies (vegetated buffers, fenced pastures, flash grazing, pond liners)**
- **Monitoring**
- **Climate**
- **Local conditions**