

# Guidelines for Zoom Webinar Format

1. Mute your audio and remain on mute throughout the webinar
2. Use the Q & A function for any clarifying questions
3. Use the chat function for any technical issues (e.g., I can't hear!)
4. Be courteous, polite, and mindful of lag time.
5. Keep in mind we are all doing our best in constantly changing circumstances

Panelists	Participants
Use video so we can see you as a Panelist	Use computer/video to see the presentation and Committee members. You are not on video
Mute yourself	You will be muted (but mute yourself too)
Use the "raise your hand" tool to be called on.	Use the "raise your hand" tool to be called on.

# Spanish Interpretation/Interpretación Española

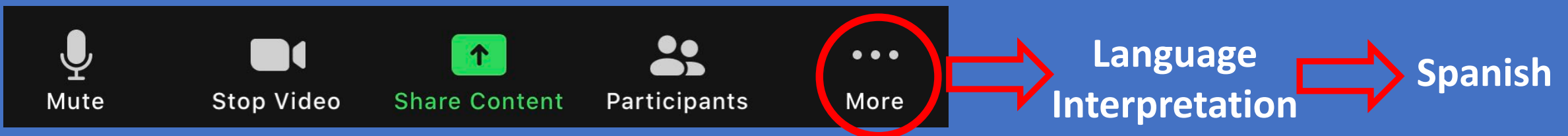
To listen to the presentation in Spanish, click on the globe icon and select Spanish.

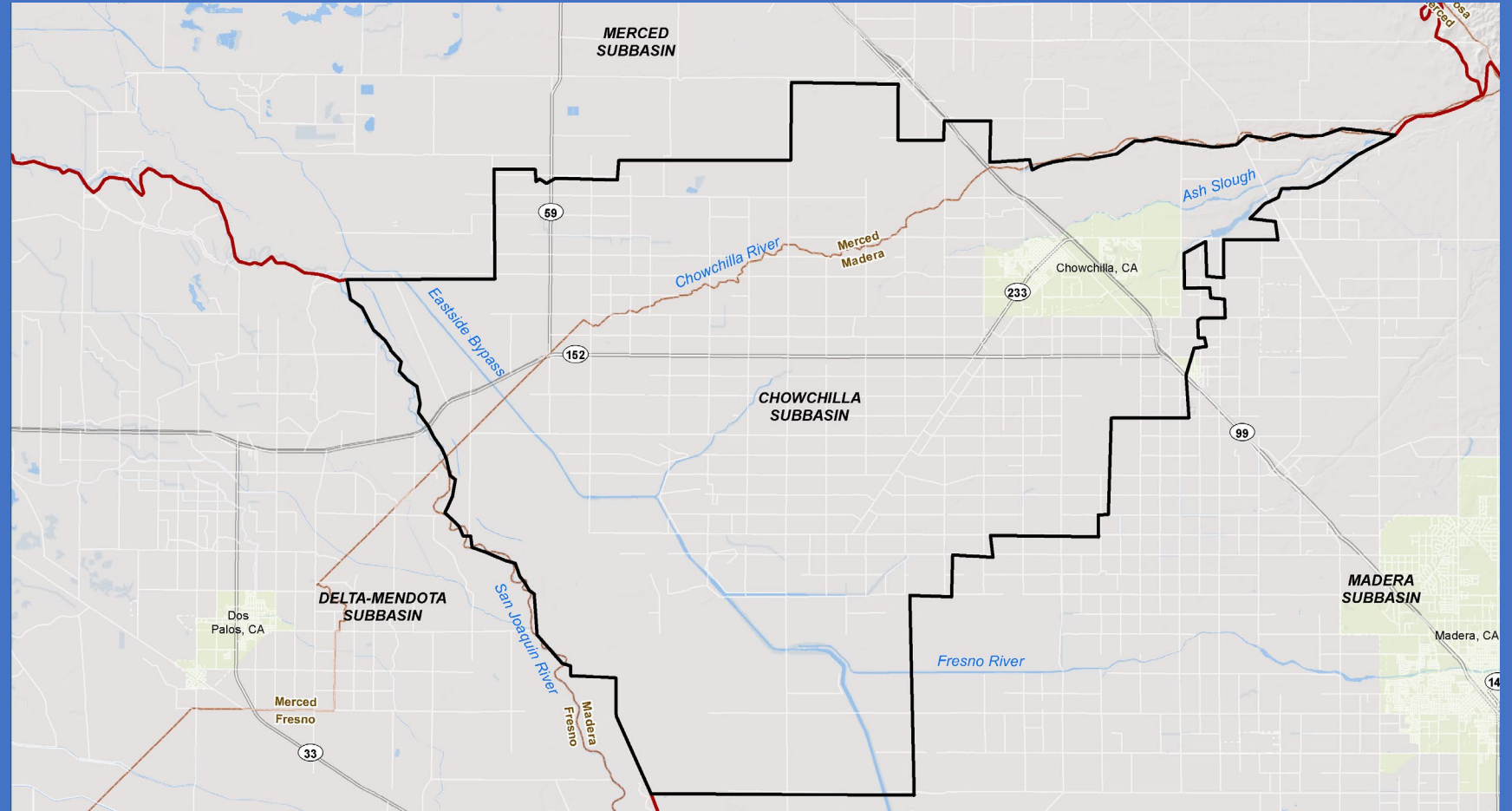
Para escuchar la presentación en español, haga clic en el icono del globo terráqueo y seleccione Español.

On the computer/En la computadora:



Or on the phone/En el telefono:





**Luhdorff &  
Scalmanini**  
Consulting Engineers



# Chowchilla Management Zone Preliminary Management Zone Proposal

Public Meeting October 16, 2020

# Meeting Agenda

1. Introduction (Who we are)
2. What is the Nitrate Control Program?
3. Who needs to be involved?
4. Where is drinking water affected?
5. What is the solution?
6. How can I help?
7. Outreach
8. Key Dates

# 1. Introduction (Who we are)

- **Christina Beckstead & Sarah Woolf**
- **Vicki Kretsinger Grabert (LSCE)**
- **Richard Meyerhoff (GEI)**

## **CV-SALTS and Nitrate in Drinking Water**

- Many small communities rely on groundwater for drinking water
- Some communities cannot safely use groundwater for drinking water when nitrate levels are high
- Preliminary Management Zone Proposal



# 1. Introduction

## **What is nitrate?**

- Chemical found in most fertilizers, manure, and septic tanks
- Contaminant that can make drinking water unsafe for drinking when above a certain level
- You can not see, smell, or taste nitrate in water
- Rain or irrigation water can carry nitrate down through the soil into groundwater

## **What is a drinking water standard?**

- Legal limit on the amount of a substance allowed in a public water system (US EPA and California state regulatory requirement)

# 1. Introduction

## Public Supply Wells

- Public Supply Wells are tested regularly
- Public Supply Wells can have treatment to make sure the water is safe for drinking before it reaches homes



## Private Domestic Wells

- Once a private well is tested, there is no action unless the well owner does something
- Private domestic wells can have treatment (point-of-use and point-of-entry)

VS.

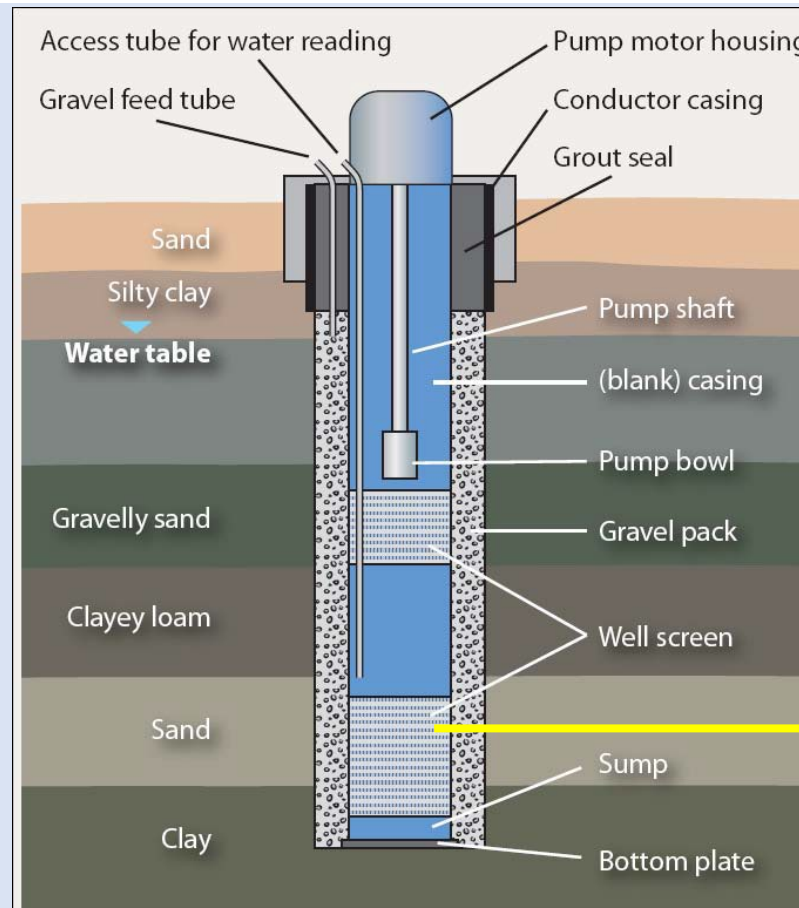


*All wells need to have good integrity and be protected from surface activities*

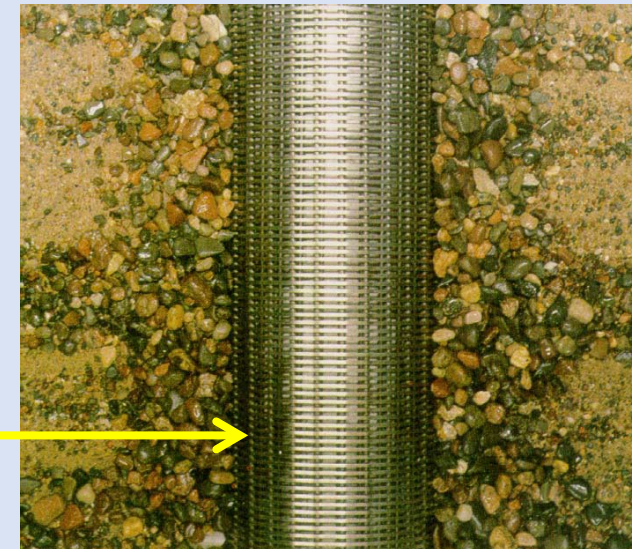
# 1. Introduction

## Well Structure

- Groundwater is produced from water-bearing deposits beneath the land surface
- Proper well construction helps reduce contaminants from being introduced at the land surface



## Well Screen

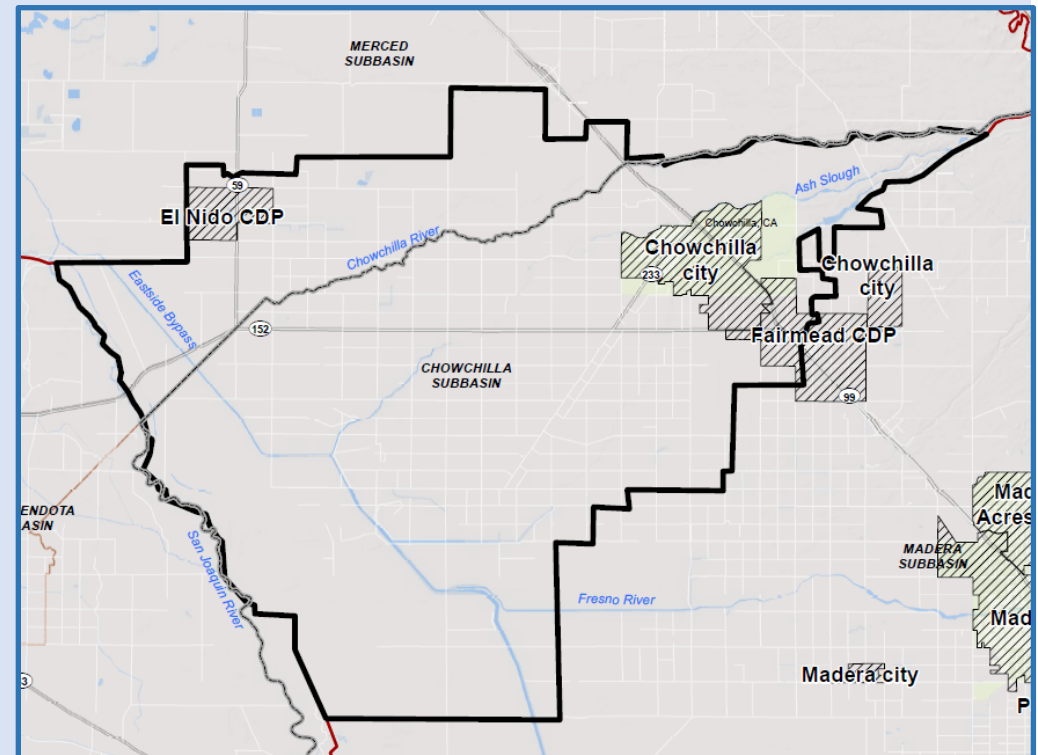


## 2. What is the Nitrate Control Program?

### A new Regulation to help with the Nitrate Problem:

1. Provide safe drinking water supplies.
2. Reduce nitrate impacts to water supplies.
3. Restore groundwater quality, where reasonable and feasible.

**Chowchilla formed a Management Zone to deal with nitrate.**



## 2. What is the Nitrate Control Program?

### Benefits & Results of Participating in the Chowchilla Management Zone?



Brings safe drinking water to your community, where needed



Work together and share the cost of nitrate management



Deals with nitrate problems locally



Uses local knowledge to lower nitrate



Supports a vision that realistically manages nitrate for the local economy and community

# 3. Who needs to be involved?



## Dischargers (under group orders)

- Dairies, chicken farms, irrigated land, etc.



## Individual Permits

- Wastewater facilities, food processors, wineries, composting facilities, etc.



## Others

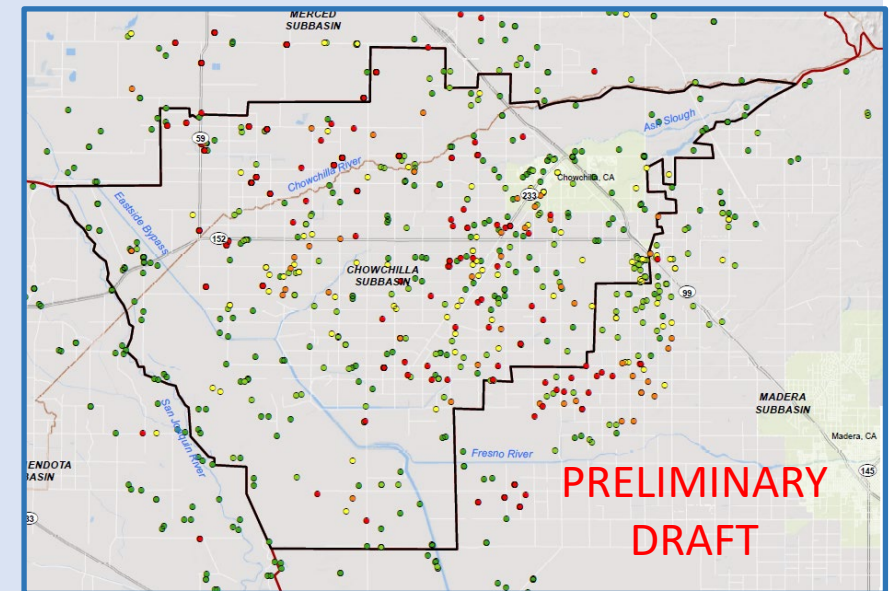
- Groundwater Sustainability Agencies, water management agencies, county and community government offices, NGOs, etc.
- The public – YOU!!

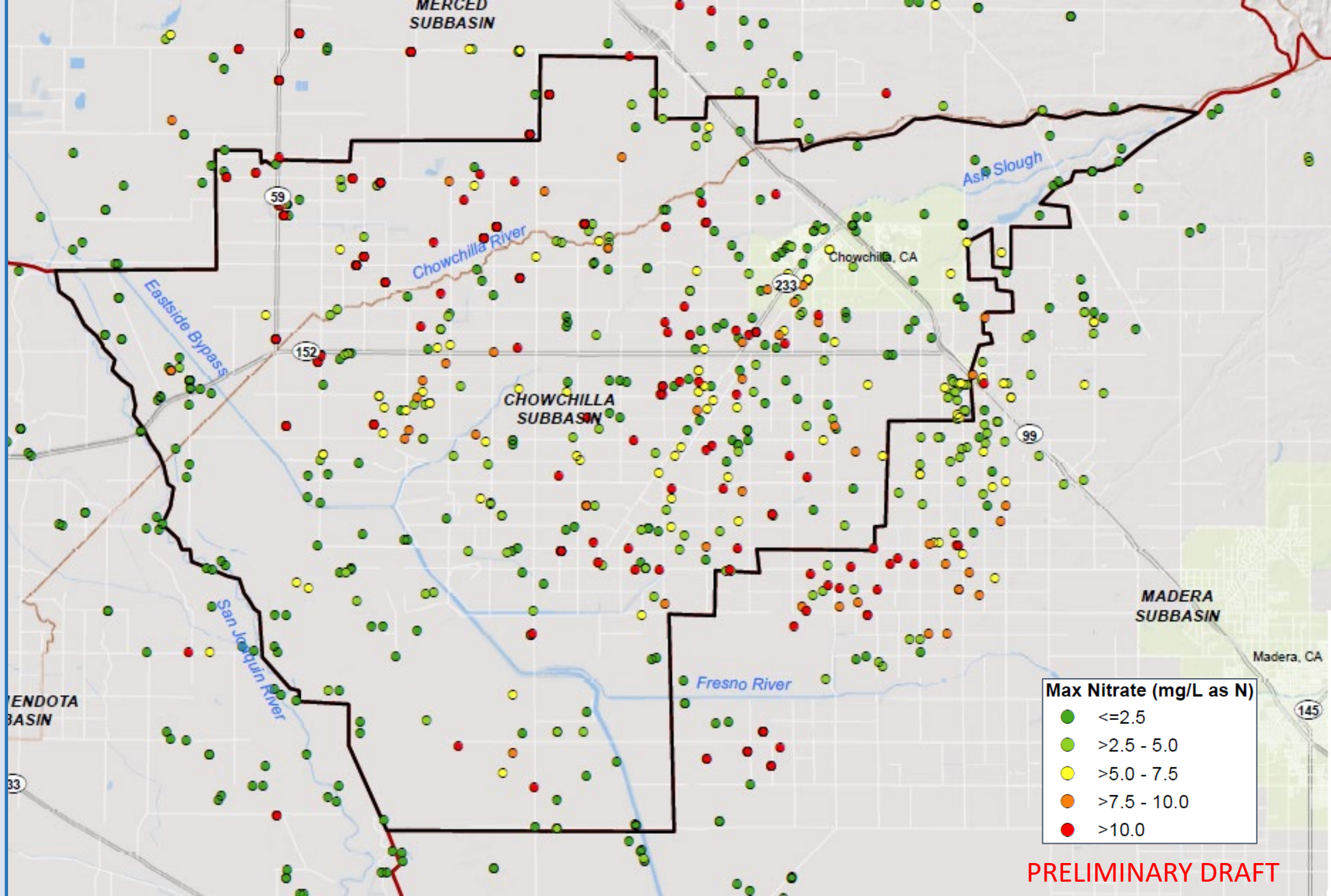


## 4. Where is drinking water affected?

### The Chowchilla Management Zone is:

- Collecting well data
- Locating areas where unsafe levels of nitrate are in drinking water
- Locating domestic wells
- Finding existing water systems that treat for nitrate





PRELIMINARY DRAFT

## 5. What is the solution?

### **The Chowchilla Management Zone will:**

- Work with the public to prepare an Early Action Plan that describes how to best provide safe drinking water to residents

### **What might this look like?**

- Free centrally-located filling stations that provide clean water
- Delivery of bottled water, where appropriate
- Connecting your well to a Public Water System that treats for nitrate
- Something else....

# 6. How can I help?

## 1. Provide data

- Do you own a well? Do you know the nitrate level in your well?

## 2. Provide input

- Review Management Zone documents, especially the Early Action Plan, and provide comments



# 7. Outreach

## What Outreach is Planned in the Coming Months?

- Coordinate with Self-Help Enterprises
- for outreach
- Coordinate with dischargers for participation
- Inform well-water users in areas with possibly unsafe nitrate
- Provide opportunity to suggest drinking water solutions
- Coordinate with non-dischargers to discuss drinking water issues







### GUIDANCE FOR ENGAGING COMMUNITIES DURING DEVELOPMENT OF EARLY ACTION PLANS

Central Valley Nitrate Control Program

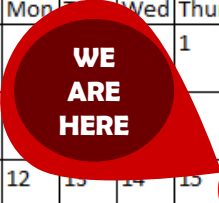
OFFICE OF PUBLIC PARTICIPATION  
State Water Resources Control Board  
June 2020

# 8. Key Dates and Deadline

-  Groundwater Quality Characterization Needs to be Completed in October
-  Admin Draft Preliminary Management Zone Proposal 12/31/20
-  Stakeholders Opportunity to Review Draft Proposal 1/15/21
-  Final PMZP and EAP Submittal to the Regional Board 3/8/21

October 2020

Sun	Mon	Tue	Wed	Thur	Fri	Sat
			1	2	3	
4				9	10	
11	12	13	14	15	16	17
18	19	20	21	22	23	24
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November 2020

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December 2020

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January 2021

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February 2021

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28						

March 2021

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# Contacts for More Information

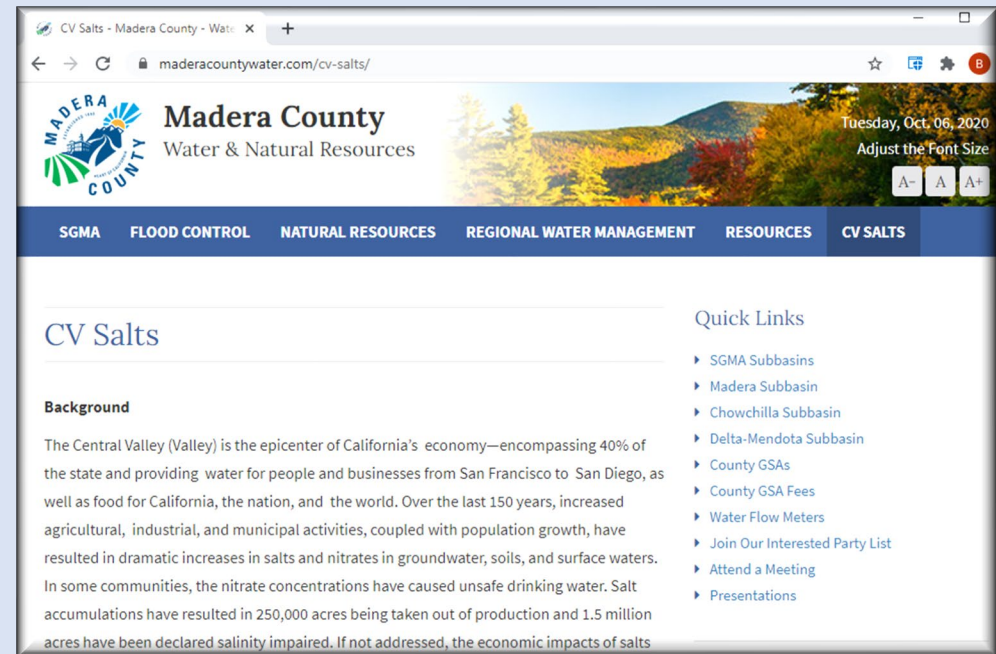
- **Christina Beckstead**  
Executive Director  
**Madera County Farm  
Bureau**  
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(559)674-8871

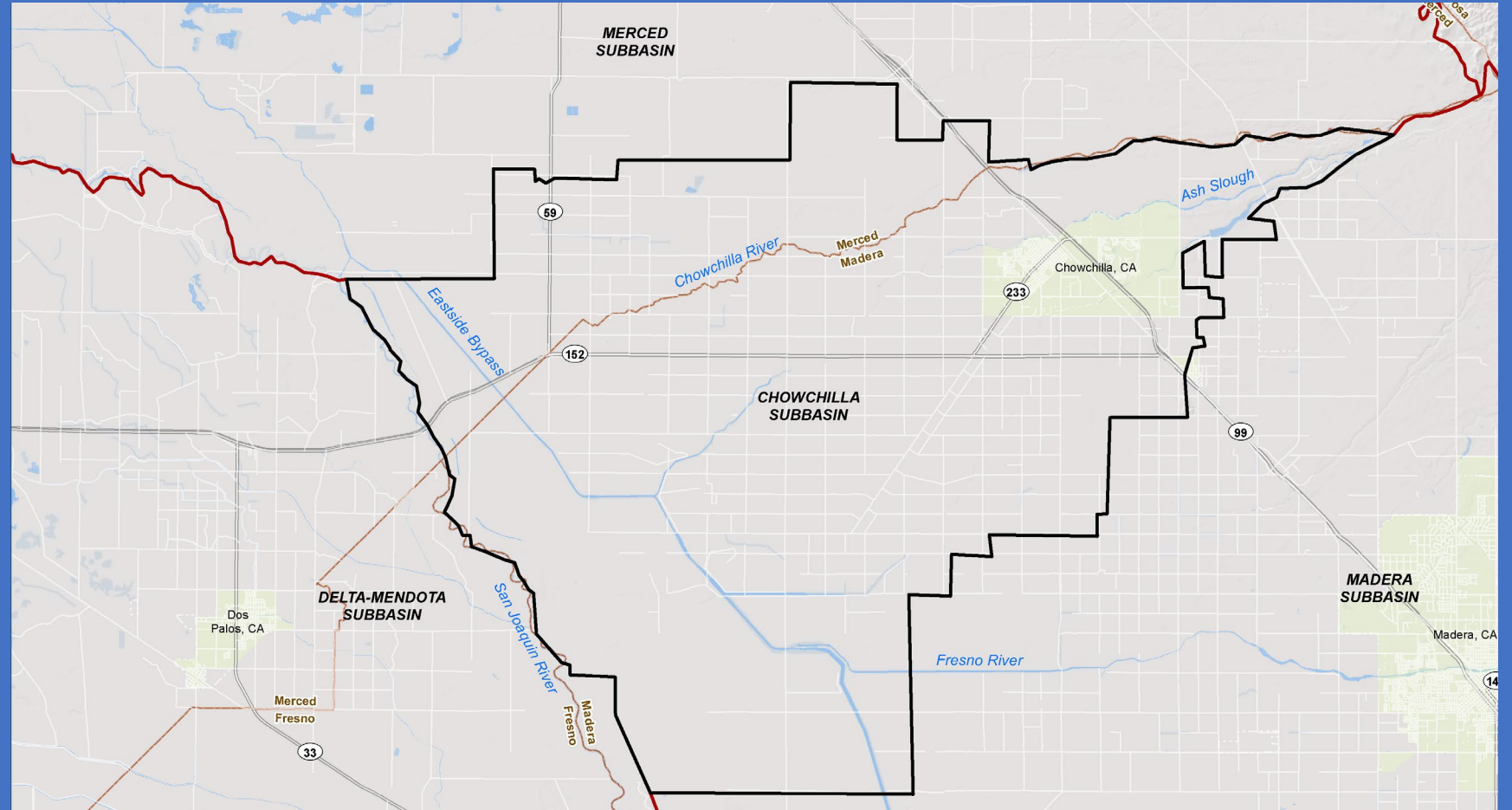
- **Sarah Woolf**  
[sarahwoolf@me.com](mailto:sarahwoolf@me.com)  
559-341-0174

- **Website**

<https://www.maderacountywater.com/cv-salts/>

- Questions about your well: Contact Madera County Environmental Health or Self Help Enterprises (<https://www.selfhelpenterprises.org/programs/emergency-services/>)





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# Thank You!