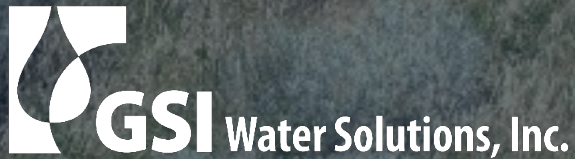


# Morrow County Water Coordinator

Board of County Commissioners  
Meeting

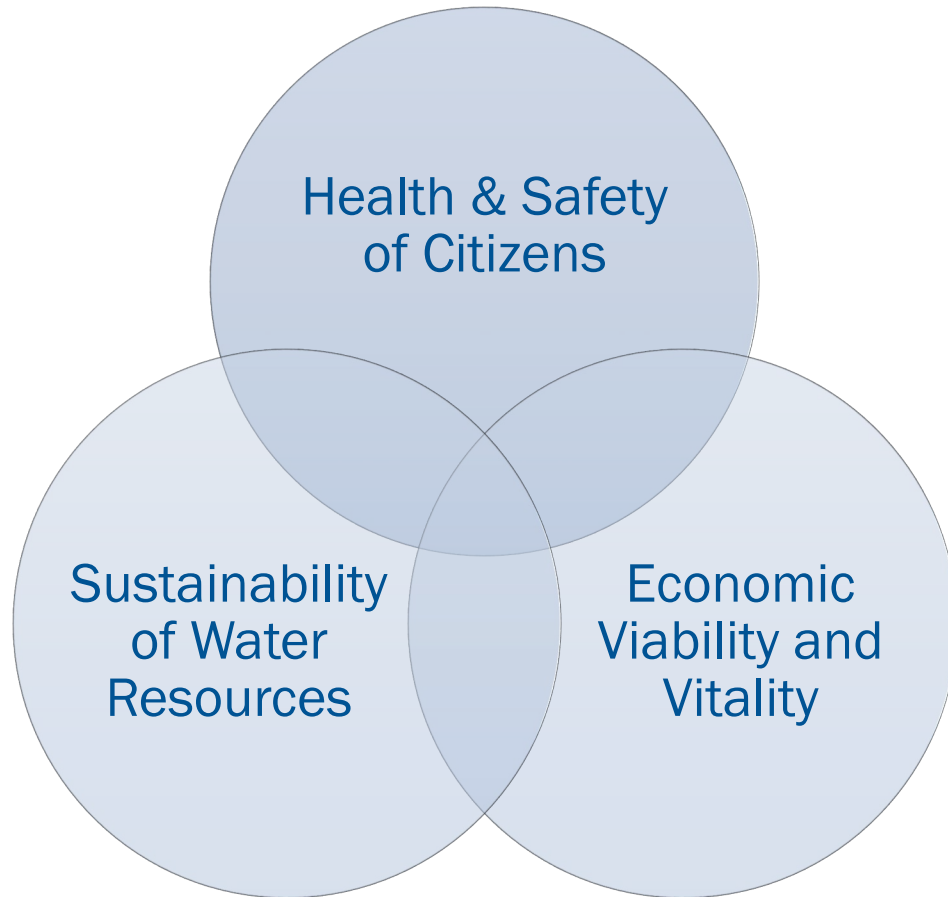
October 18, 2023



# Purpose

- Provide the Morrow County Board of Commissioners updates on:
  - Briefing papers on County water issues
  - Next steps for Water Coordinator work

# Morrow County Goals



## Objectives for Water Coordinator

- Help define County policies and actions to help address the regional water issues and achieve the County's water-related goals

# Briefing Papers

## Purpose:

- **Baseline history** for communication and education purposes
- **Context for recommendations** on water strategy and policies.
- **Content for outreach** materials for use by County

## Topics:

1. Water Quantity
2. Water Quality
3. Domestic Well Users
4. Projects/Activities by Groups

# Briefing Papers

## General Structure:

- Introduction
- Key Takeaways
- Resource Overview
- Key Issues/Impacts
- Opportunities for County

## Process:

- Water Advisory Committee (WAC) review and input
- 3 rounds of revisions with comments incorporated
- Posting to County “Water Website”

# Project Team and WAC – Diverse perspectives and expertise

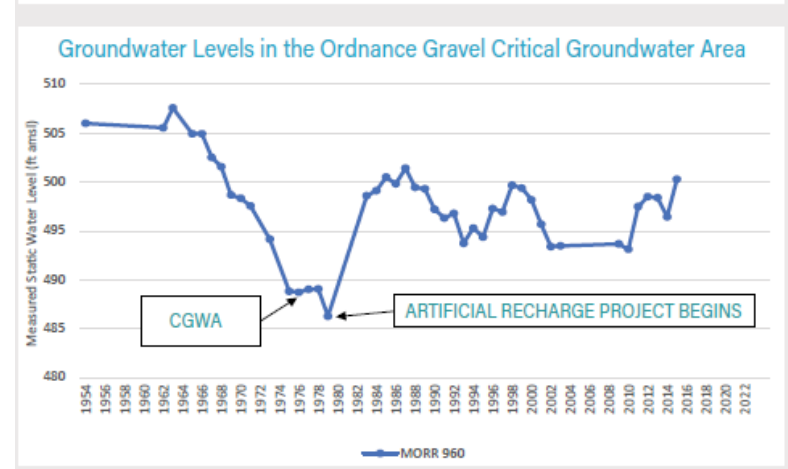
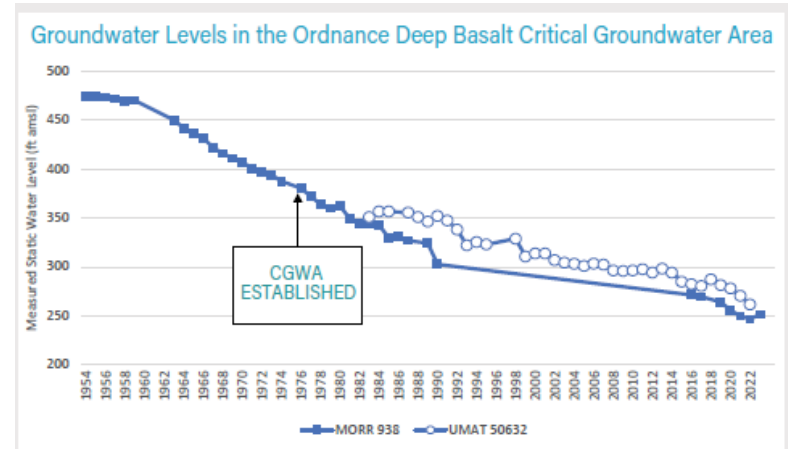
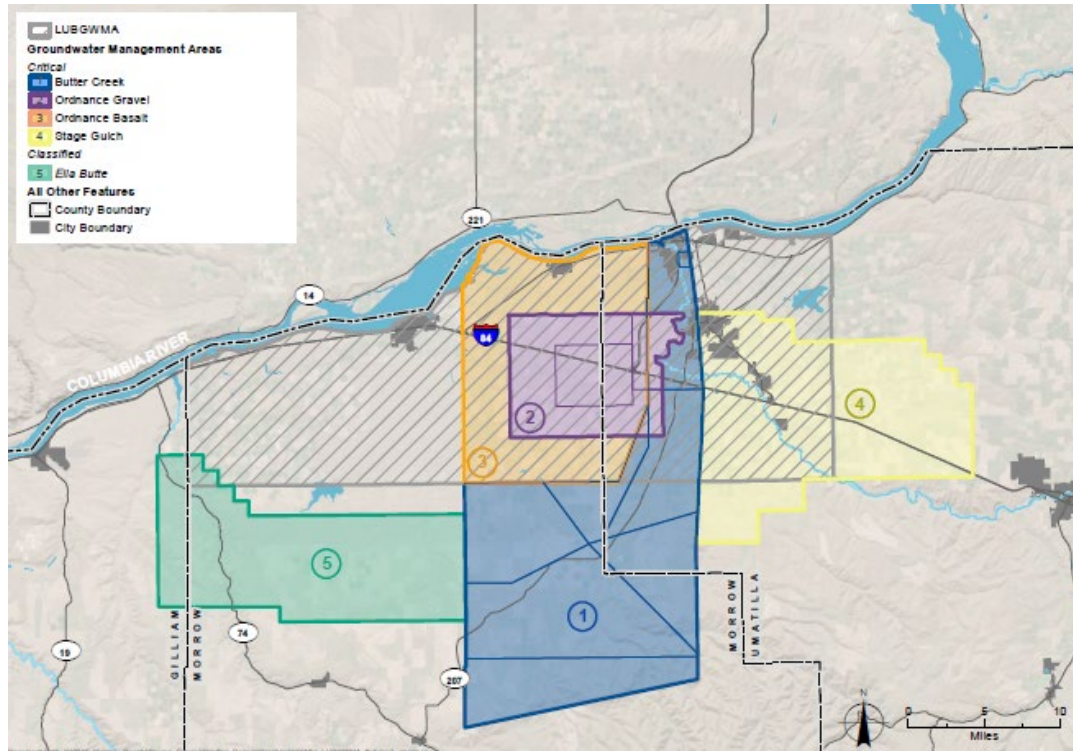
- **Morrow County staff**
  - Tamra Mabbott, Planning Department
  - Robin Canady, Public Health Department
- **Consultant team**
  - GSI Water Solutions
- **Water Coordinating Committee**
  - See list

Policy Area or Industry
County Commissioner
County Planning Department
County Public Health Department
Emergency Management (ex officio)
Morrow County Soil Water Conservation
DEQ
OWRD
Port of Morrow
Municipality
Food Processing Industry
Irrigated Agriculture
Central County Agriculture
South County Agriculture
Livestock Operator/Owner
CAFO Operator/Owner
Water Advocacy/Interest Group
Northeast Oregon Water Association (NOWA)
Rural Residential Resident

# STATE OF THE WATER

## Overview of Water Quantity Challenges in Morrow County

October 2023



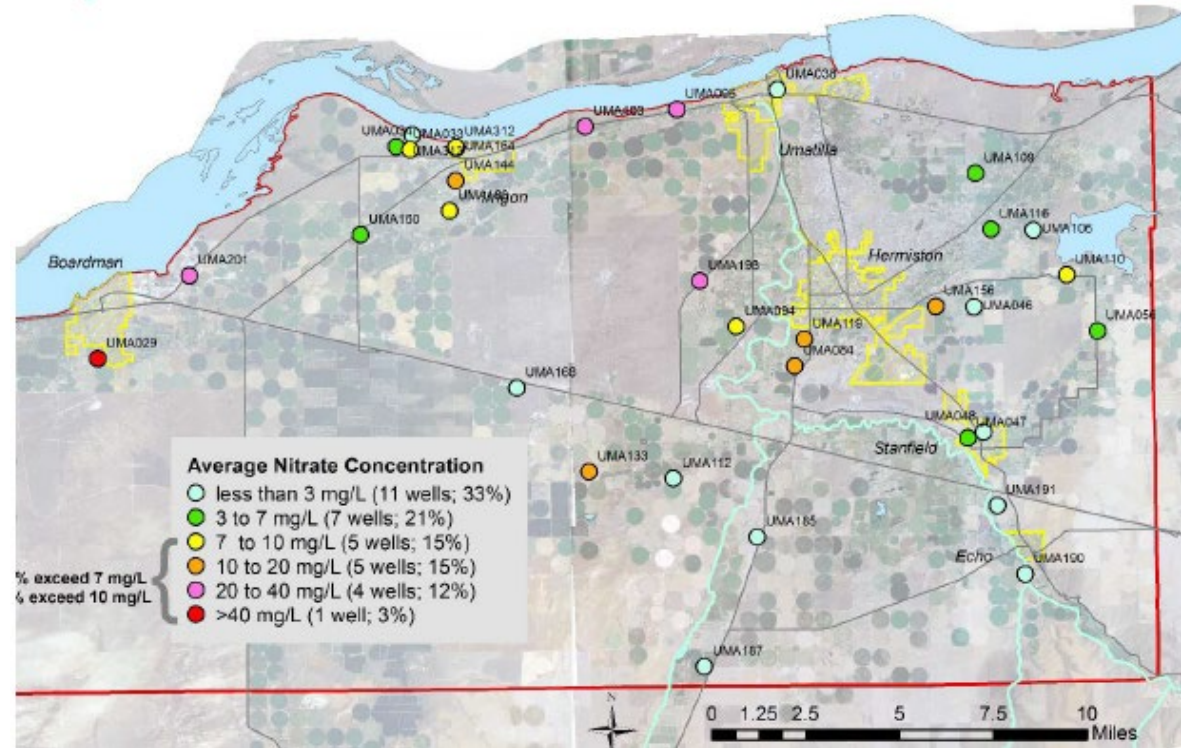
[BriefingPaper\\_Water\\_Quantity\\_FINAL.pdf](#)

# STATE OF THE WATER

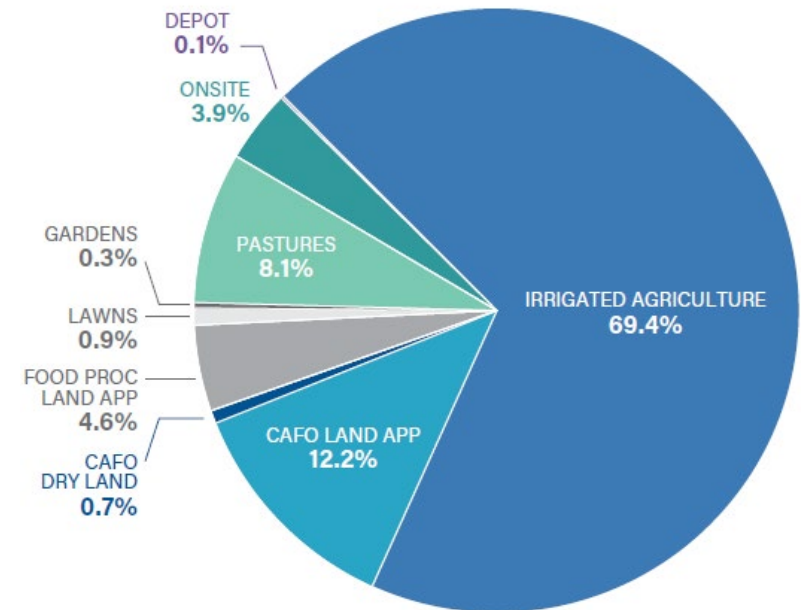
## Overview of Water Quality Challenges in Morrow County

October 2023

Average Nitrate Concentrations – LUBGWMA Well Network



Estimation of Nitrogen Leached to Groundwater



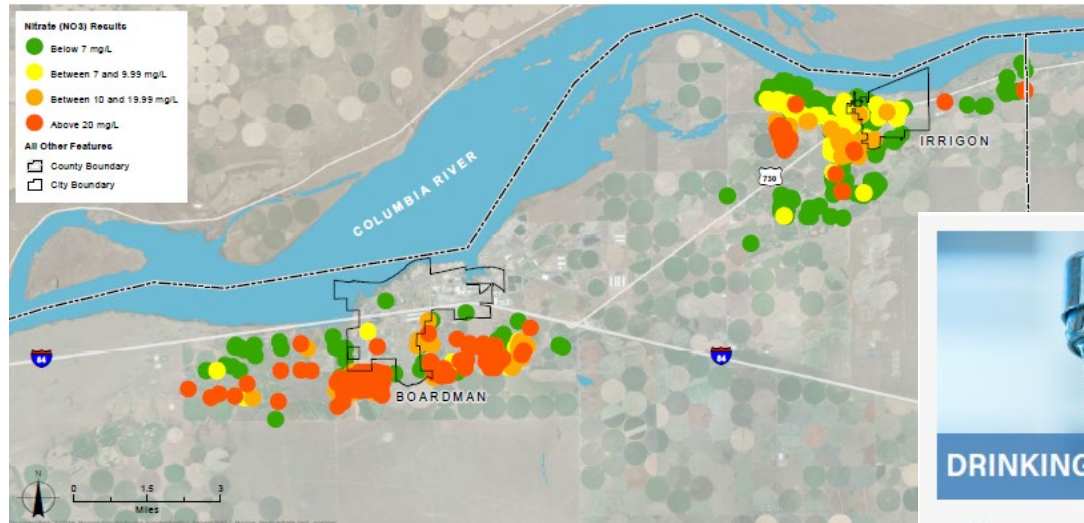
Source: Adapted from LUBGWMA Second Action Plan, 2020



# STATE OF THE WATER

## Overview of Nitrate Challenges for Domestic Well Users in Morrow County

October 2023



### DRINKING WATER SUPPLY

- Emergency deliveries
- Long-term supply\*
- Source protection



### CHARACTERIZATION

- Testing/monitoring
- Target area evaluation\*
- Modeling/monitoring



### RESOURCE RESTORATION

- Local Action Plans
- Regulatory coordination
- Remediation/treatment



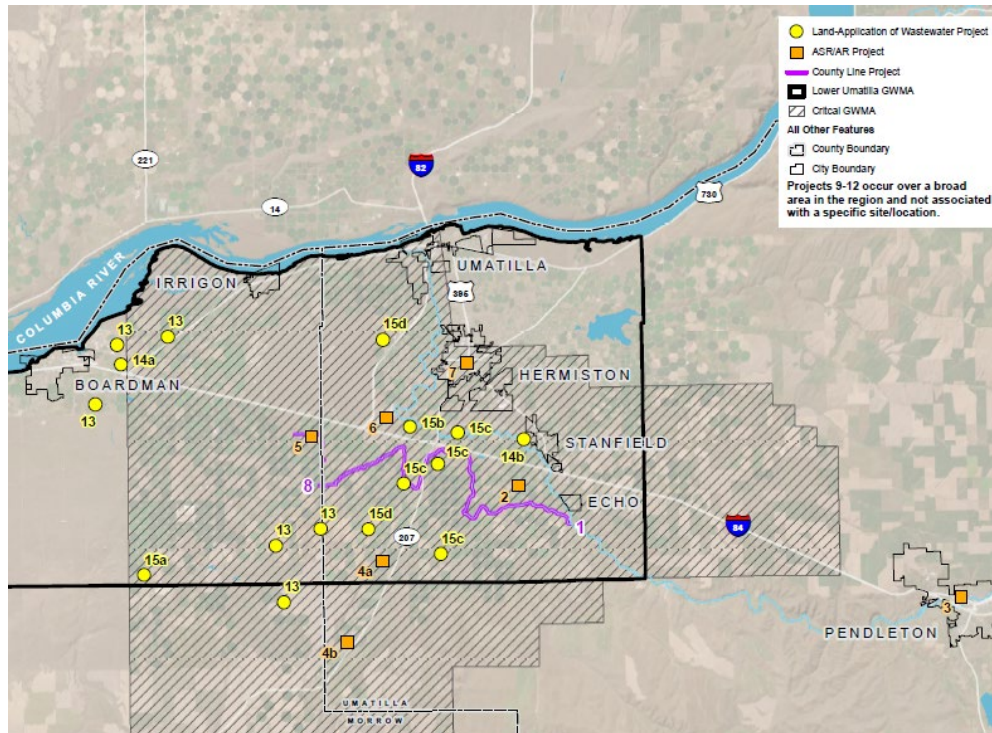
*\*Involves capital investments (e.g., new wells or water treatment) where federal congressional direct spending and DEQ supplemental environmental project funding may be applied.*

[BriefingPaper\\_Domestic\\_Wells\\_FINAL.pdf](#)

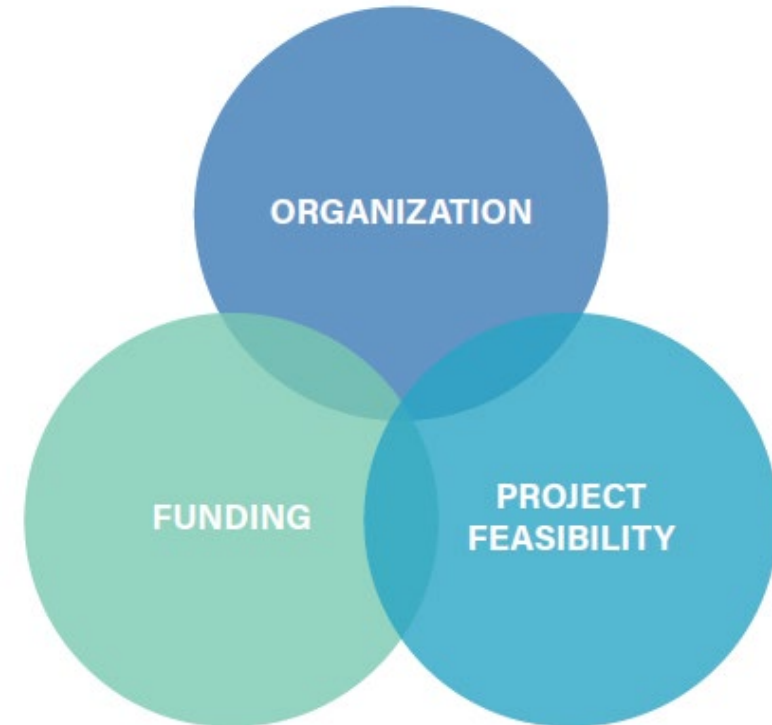
# STATE OF THE WATER

## Addressing Water Quantity and Quality Challenges in Morrow County

October 2023



### LONG-TERM PROJECT SUCCESS



[BriefingPaper\\_Projects\\_Solutions\\_FINAL.pdf](#)

# Next Steps

- Incorporate BOC input on briefing papers
- Post briefing papers on Morrow County water website
  - <https://www.co.morrow.or.us/planning/page/water>
- Develop preliminary strategy, policies, actions
- On-going check-ins with WAC and BOC

# Thank you!

Tamra Mabbott

Ronan Igloria, PE

