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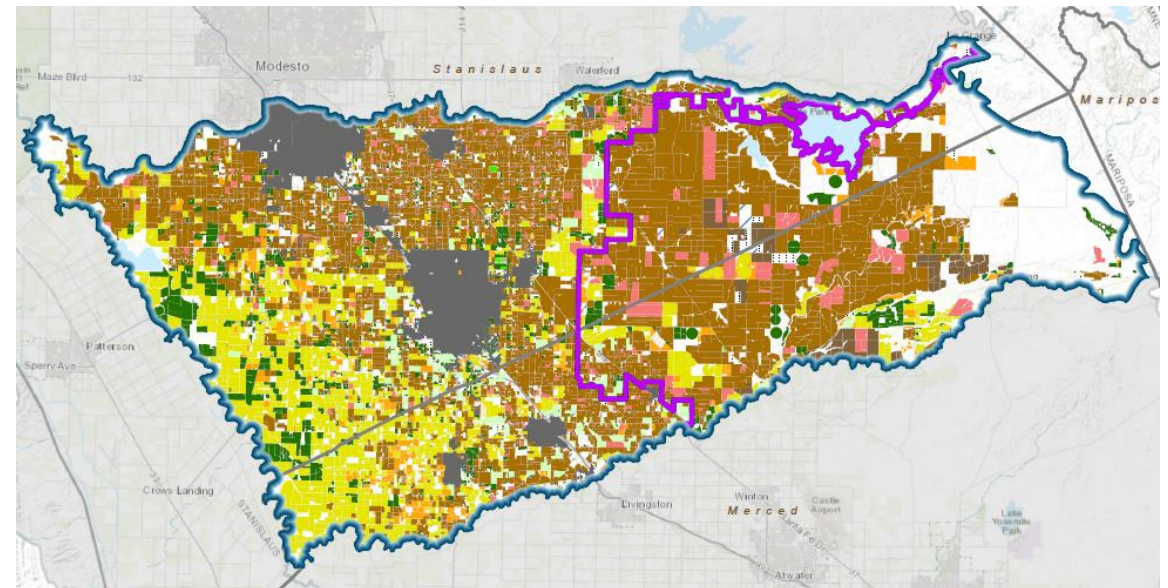
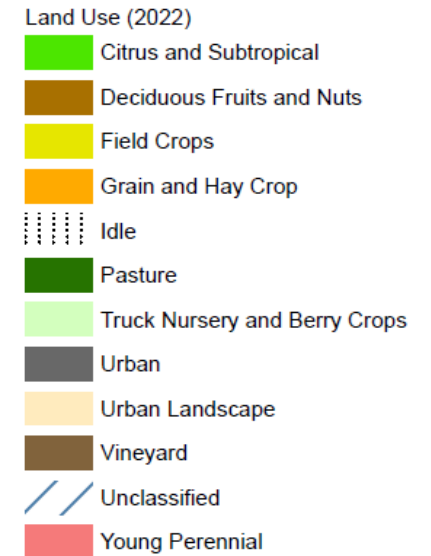
# INTRODUCTION TO THE EAST TURLOCK SUBBASIN GROUNDWATER SUSTAINABILITY AGENCY (ETSGSA) MULTIBENEFIT LAND REPURPOSING PROGRAM (MLRP)

ETSGSA Fee Workshop

November 19, 2024

# MLRP PROJECT OVERVIEW

- ETSGSA is a Round 2 grantee of the Department of Conservation's (DOC) MLRP grant program
  - Turlock's grant award: **\$8.9 million**
- Tasks in grant Work Plan
  1. Multibenefit Agricultural Land Repurposing Plan (MALRP)
  2. Project Development and Permitting
  3. Project Implementation
  4. Partner Capacity
  5. Outreach, Education, and Training
  6. Monitoring
  7. Grant Management and Reporting
- Grant duration is through March 2027



# TURLOCK MLRP PURPOSE, VISION, PRIORITIES, & VALUES

## Purpose

Reduce groundwater demand,  
with concurrent benefits to:

- Recharge
- Habitat
- Disadvantaged Communities
- Local economy factors
- Other (Water quality, flood protection, soil health, etc.)

## Long-Term Vision

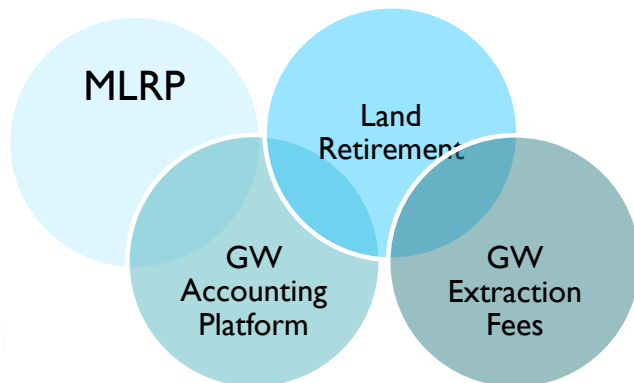
Reduce Turlock Subbasin's groundwater demand equivalent to **21,000 acres** of agricultural land by repurposing to new, high value uses integrated into working lands that provide additional benefits and have no/low irrigation requirements

## Near-Term Goal

Repurpose groundwater demand equivalent to **5,000 acres** of agricultural land during MLRP grant term (through March 2027) to reduce groundwater demand and demonstrate proof-of-concept for repurposing strategies

## Key Values of Turlock MLRP Approach

- Integrate repurposing strategies into working lands
- Repurpose less-productive land
- Low-tech and self-implementable
- Streamlined design and permitting approaches
- Use incentive payments to encourage participation
- Integration and alignment with other ETSGSA programs



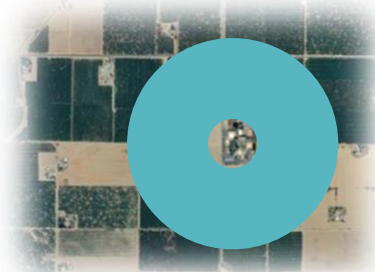
# POSSIBLE MLRP PROJECT TYPES (“ALTERNATIVES”)



Extended Rotational Fallowing



Orchard Swale Rewilding



Agricultural Buffer Zones



Recharge / Retention Ponds

POTENTIAL BENEFITS Land Repurposing Alternative	Groundwater Demand Reduction	Groundwater Recharge	Improvements to Habitat	Flood Risk Reduction	Community Benefits	Soil Health Improvement	Economic Diversification	Climate Resilience	Clean Energy Generation
	Agricultural Buffer Zones	✓		✓	✓	✓		✓	
Orchard Swale Rewilding	✓		✓	✓	✓		✓		
Extended Rotational Fallowing	✓		✓		✓		✓		
Recharge and Retention Ponds	✓	✓	✓	✓			✓		
Floodplain Reconnection	✓	✓	✓	✓			✓		
Floodflow Dispersal (Flood-MAR)	✓*	✓	✓	✓			✓		
Solar and Agrivoltaics	✓			✓		✓	✓	✓	✓



Floodplain Reconnection



Floodflow Dispersal (Flood-MAR)



Cover Cropping

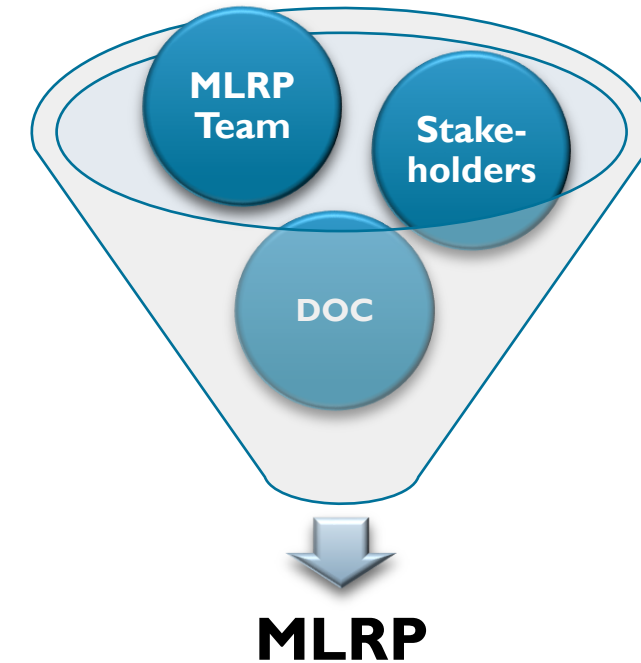
**Key Message: Other types of projects may be possible / eligible...**

# MLRP PROCESS

- Outreach / Planning
  - Priorities, Benefits, & Incentives
  
- Project Development, Solicitation, & Selection
  
- Project Implementation

	MLRP Team	Community	Landowner	DOC
1. Formulation and Communication of Priorities and Goals	Develops MLRP vision & priorities	Provides input on vision & priorities	Provides input on vision & priorities	
2. Education, Outreach, and Plan Development	Shares info on process/tools; writes Plan	Provides input to process	Provides input to process	
3. Solicitation of Project Proposals	Establishes & announces application			
4. Submission of Initial Project Applications			Prepares & submits initial application	
5. Screening and Eligibility Assessment	Conducts preliminary scoring			Conducts initial project review
6. Development of Detailed Project Proposals	Supports refinements		Refines project proposal	
7. Final Evaluation and Project Agreement Preparation	Quantifies benefits; contracts		Executes contracts	Approves projects for funding
8. Project Implementation			Permitting, construction, ongoing O&M	
9. Monitoring and Reporting	Reviews impl. monitoring data		Collects monitoring data	
10. Program-Level Tracking and Integration	Evaluates against key goals/metrics			
11. Payments and Grants Administration	Disperses funds to projects		Uses funds towards project	Disperses funds to block grantee
12. Continuous Communication and Adaptive Management	Considers program refinements	Provides ongoing feedback	Provides ongoing feedback	

Potential for “Pilot Projects” to inform the broader MLRP program and future project solicitation



# OPEN CALL FOR DEMAND REDUCTION PROJECT CONCEPTS

<https://turlockgroundwater.org/multibenefit-land-repurposing>

- **We are very interested in hearing landowner/grower ideas for land repurposing (or other types of) demand reduction projects!**
- Open Call for Project Concepts (not an official application solicitation):
  - Your Contact Information
  - Description of your Project Concept, including the following:
    - Description
    - Location (with map and APN)
    - Acres affected
    - Current land use and irrigation
    - Implementation schedule and duration
    - Estimated demand reduction, if known
    - Needs for technical assistance

Submit by mail or email: [etsgsa-support@formationenv.com](mailto:etsgsa-support@formationenv.com)  
Deadline to submit to be considered for potential pilot project:  
**January 7, 2025**