



Item 4

Receive Presentation from County Staff Regarding 2026-27 Winter Season Preparations

October 7, 2026

2026-27 Winter Season Prep

Today's discussion will include:

1. Countywide Public Works
2. Flood Control Zone 1/1A
3. Office of Emergency Services
4. Notes from the National Weather Service



2026-27 Winter Season Prep – Public Works

- 1) What we do every year
- 2) Highlights since 2023
- 3) Resources available



2026-27 Winter Season Prep – Public Works

1) What we do every year

- Stream & Rain Gages
- Bridge Inspections
- Culvert & Roadside Ditch Maintenance



2026-27 Winter Season Prep – Public Works

1) What we do every year Stream & Rain Gages



2026-27 Winter Season Prep – Public Works

- 1) What we do every year
- Bridge Inspections
- Over 20': Caltrans (~150)
 - Under 20': County (~50)

Department of Transportation - Division of Maintenance Structure Maintenance & Investigations

Caltrans **BRIDGE INSPECTION REPORT**
Routine Inspection

BRIDGE NO.: 49C0448 STRUCTURE NAME: LEFFINGWELL CREEK 5128-BR1 / FAIR INSPECTION DATE: May 7, 2025

BRIDGE LOCATION INFORMATION

(9) LOCATION	SOUTH OF STATE PARK RD	(7) FACILITY CARRIED	MOONSTONE BEACH DR
(11) POSTMILE	0	(6) FEATURE INTERSECTED	LEFFINGWELL CREEK
(16) LATITUDE	35°34'52.61"	(5) INVENTORY RTE(ON/UNDER)	ON 14000000
(17) LONGITUDE	121°07'06.43"	(104) ON NATIONAL HIGHWAY SYSTEM	ROUTE ON NHS

STRUCTURAL HEALTH CONDITION SUMMARY INFORMATION

(58) DECK	7 GOOD	DECK AREA (M) ²	1,098
(59) SUPERSTRUCTURE	8 VERY GOOD	PAINT CONDITION	N/A
(60) SUBSTRUCTURE	8 VERY GOOD	(113) SCOUR	8 STABLE ABOVE FOOTING
(62) CULVERT	N/A (NBI)		
(67) STRUCTURE EVALUATION	8 EQUAL DESIRABLE CRIT		

PHOTOGRAPH IDENTIFICATION

Routine-Roadway View (05/17/2023)

Routine-Elevation View (05/17/2023)

Routine-Underside View (05/17/2023)

Routine-Map View (08/18/2023)



2026-27 Winter Season Prep – Public Works

1) What we do every year
Culverts and Roadside Ditches

- 5,643 culverts
- 3,758 inspected annually
- 1,852 twice per year
- 33 three times per year



2026-27 Winter Season Prep – Public Works

2) Highlights since 2023

- 307 Repair Projects
- Mapping Audits
- Storm Reports Analysis
- New Stream Gages



2026-27 Winter Season Prep – Public Works

2) Highlights since 2023

307 Repair Projects

- 11+ Bridge Replacements



New Creston Road Bridge Reopens

Creston Road Bridge to Open One Week Ahead of Schedule

Author: Public Works

Date: 8/28/2026 3:58 PM



Chimney Rock Road Bridge Construction Begins

Author: Public Works

Date: 4/27/2026 10:46 AM



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2026-27 Winter Season Prep – Public Works

2) Highlights since 2023

Mapping Audits

- San Miguel
- Santa Margarita
- San Simeon
- Shandon
- Cambria
- Cayucos
- Los Osos
- Garden Farms
- Avila Beach
- Edna
- Nipomo
- Templeton



2026-27 Winter Season Prep – Public Works

2) Highlights since 2023

Storm Reports Analysis

- Low Water Crossings
- Coastal Flood Areas:
 - Cambria
 - Cayucos
 - Los Osos
 - Avila Beach



W8-19



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2026-27 Winter Season Prep – Public Works

2) Highlights since 2023

New Stream Gages

- Tar Springs (AG Creek)
- San Luis Bay Dr (SLO Creek)



2026-27 Winter Season Prep – Public Works

3) Public Works Resources for the Public

- wr.slocountywater.org
- Creek Care Guidance
- Road Closures
- Social Media
- FEMA Maps

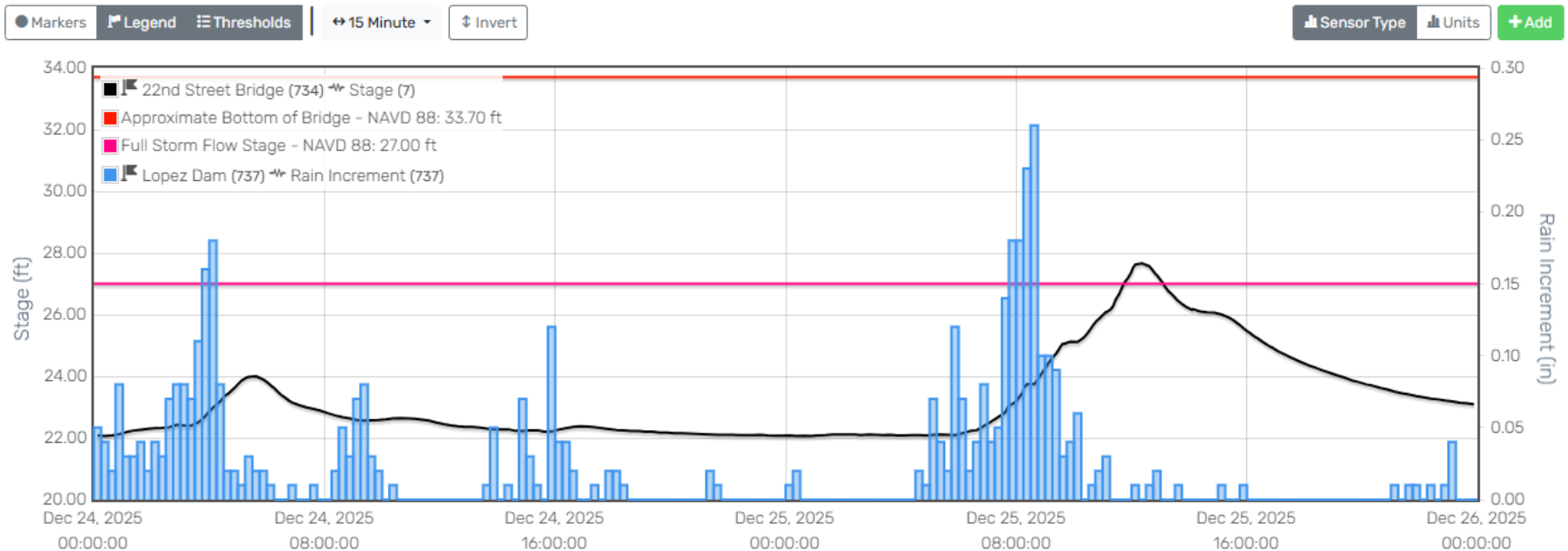


2026-27 Winter Season Prep – Public Works

3) Public Works Resources for the Public

wr.slocountywater.org

24 December, 2025 - 26 December, 2025



35.0954639,-120.6073361 Elevation: 35

water shed.

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2026-27 Winter Season Prep – Public Works

3) Public Works Resources for the Public Creek Care Guidance

- 13 FAQs

The following FAQs are compiled to help provide landowners with resources and guidance they may need to help maintain healthy waterways.

FAQs

- ▶ Can I remove woody debris like branches, stumps, logs, or dead trees from the waterway on my property?
- ▶ Can I remove overgrown vines and shrubs from the waterway on my property?
- ▶ Can I remove naturally deposited rock, gravel, or sand bars from the waterway channel?

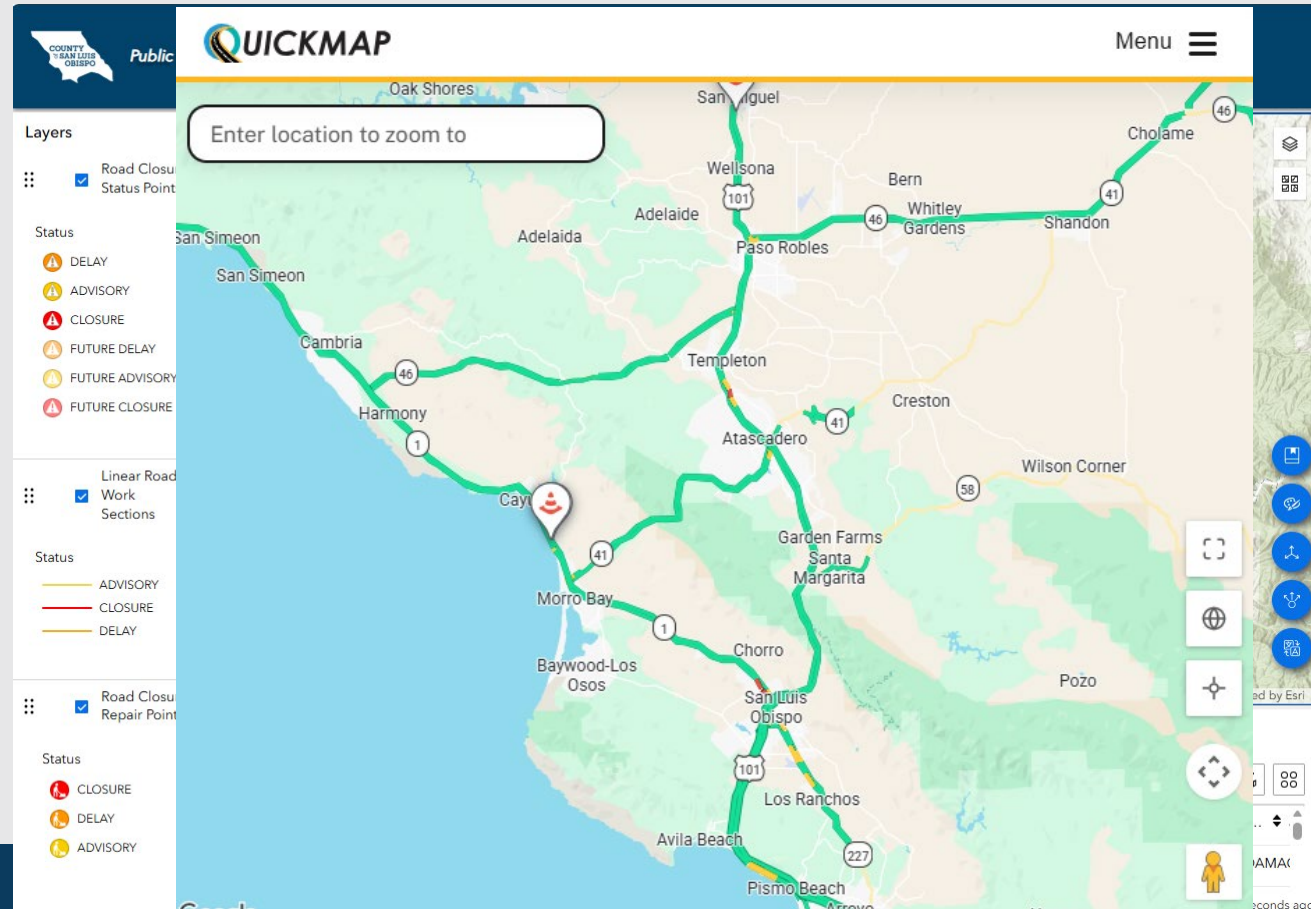


2026-27 Winter Season Prep – Public Works

3) Public Works Resources for the Public

Road Closures

- [County](#)
- [Caltrans](#)



2026-27 Winter Season Prep – Public Works

3) Public Works Resources for the Public Social Media



slocountypwd ...
Public Works
523 posts 3,297 followers 131 following
Government organization
We serve the people of San Luis Obispo County for our fellow residents.
www.slocounty.ca.gov/pw

Following ▾

DESAL Pier Ave. Flood planning



slocountypwd PASO ROBLES – The County of San Luis Obispo Public Works and Souza Construction, Inc., have started work on a permanent two-lane bridge on Creston Road at Quail Creek (near South El Pomar Road) to replace the existing storm-damaged bridge. The work will require a full closure of Creston Road at South El Pomar Road through Creston Ridge Lane.

A traffic detour will be in place from June 1 through September 4, 2026, with partial closures before and after as needed. The expected detour for most residents and visitors to the area is via El Pomar Drive to Cripple Creek Road. Construction is expected to be completed in winter 2026.

Background – Winter storms in 2023 caused significant damage to the roadway and bridge supports at Quail Creek. Temporary repairs were completed in 2023 to provide continued access across Quail Creek while the County planned and designed a new replacement bridge.

Images: 2023 Storm Damage at Quail Creek Bridge Detour (first photo) and existing temporary repairs at Quail Creek Bridge (second photo)

20w

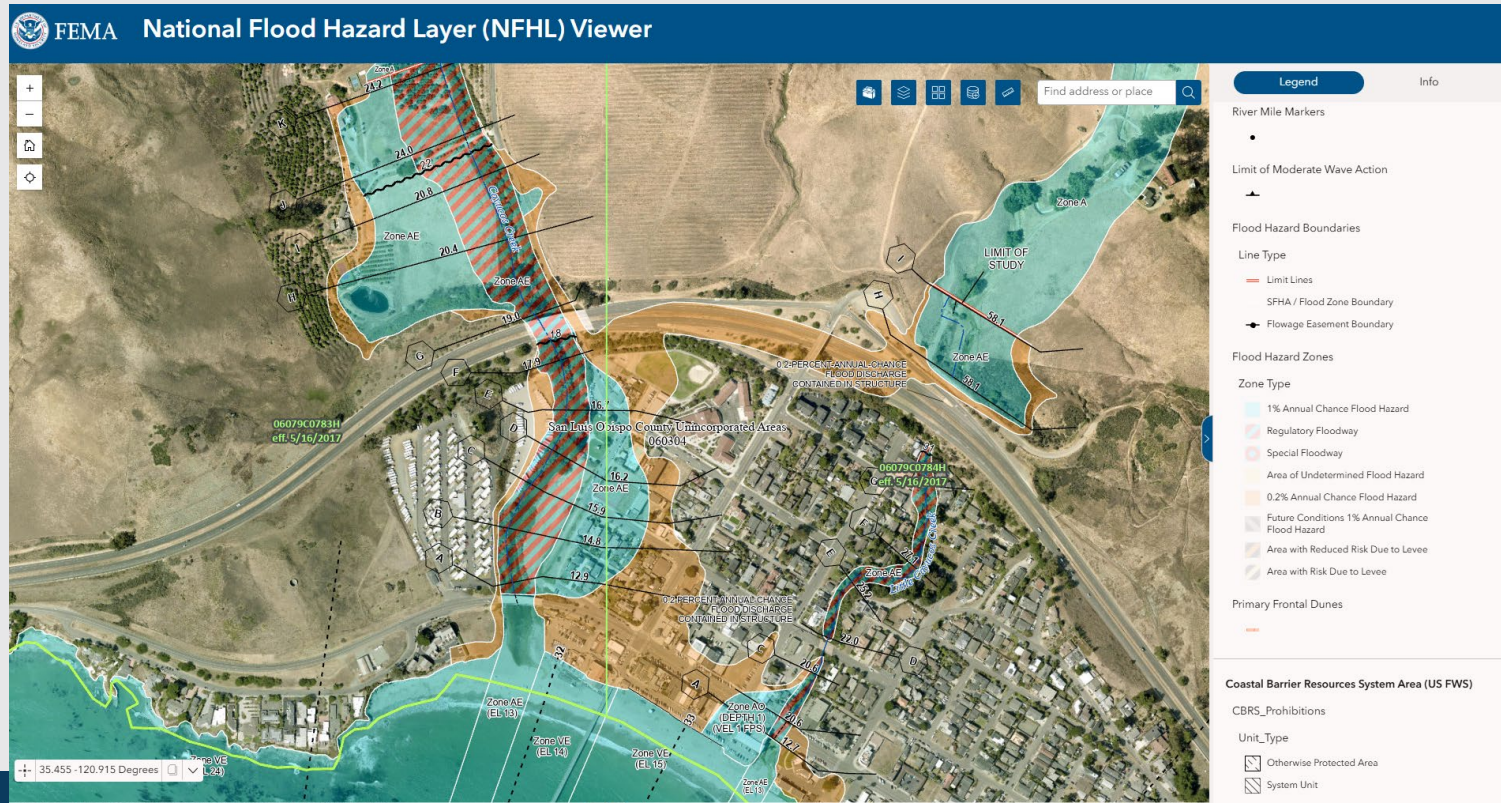
29 likes
May 19

Add a comment... Post

2026-27 Winter Season Prep – Public Works

3) Public Works Resources for the Public

FEMA Maps



2026-27 Winter Season Prep – Public Works

Questions on Public Works?

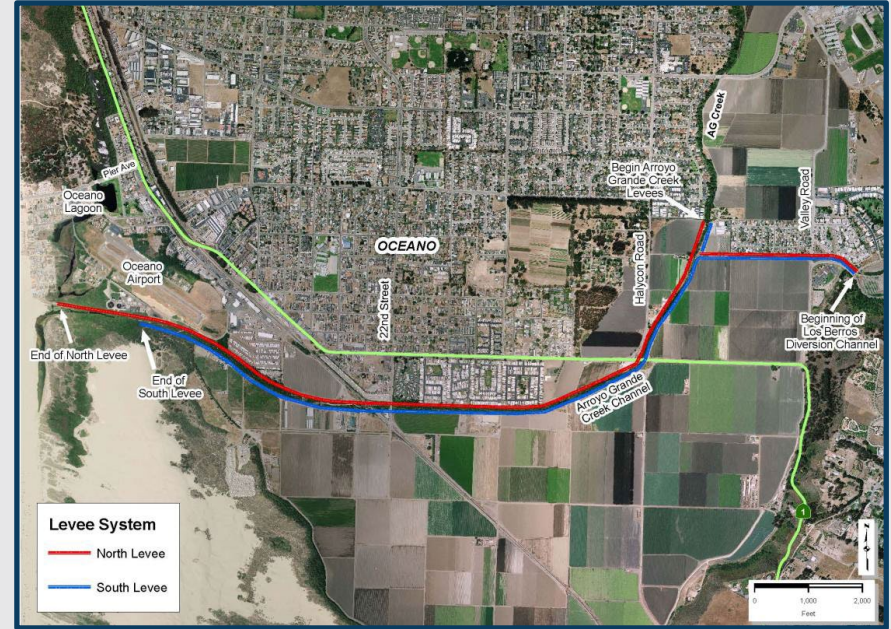
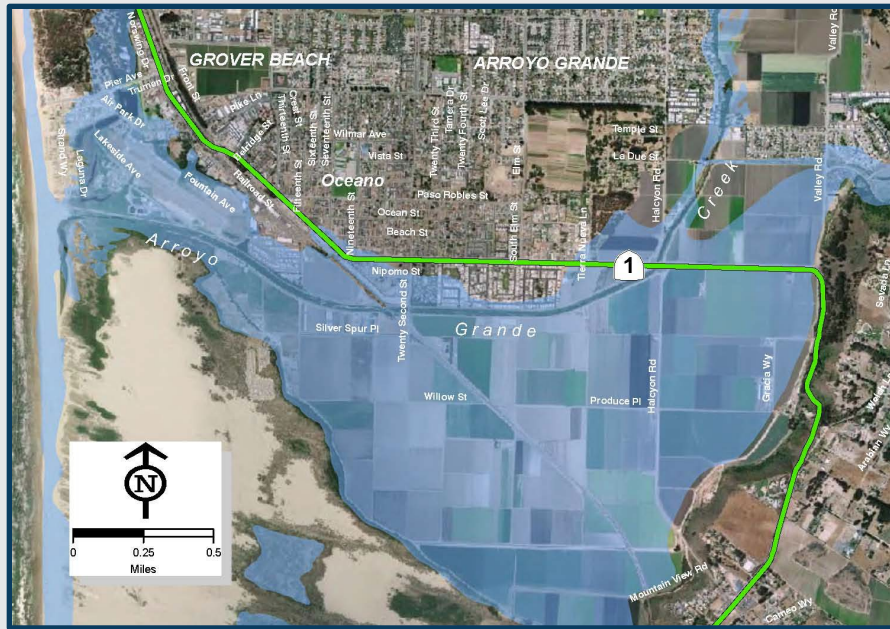
Still to come – Zone 1/1A, Office of Emergency Services



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2026-27 Winter Season Prep – Zone 1/1A



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2026-27 Winter Season Prep – Zone 1/1A

Annual Waterway Management Program Maintenance Activities

Before project

Less than 5-year Flood Protection



After project

10-year Flood Protection



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2026-27 Winter Season Prep – Zone 1/1A



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2026-27 Winter Season Prep – Zone 1/1A



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2026-27 Winter Season Prep – Zone 1/1A



South Levee Breach
January 2023



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Repairs & Reinforcement – Zone 1/1A

Since 2023

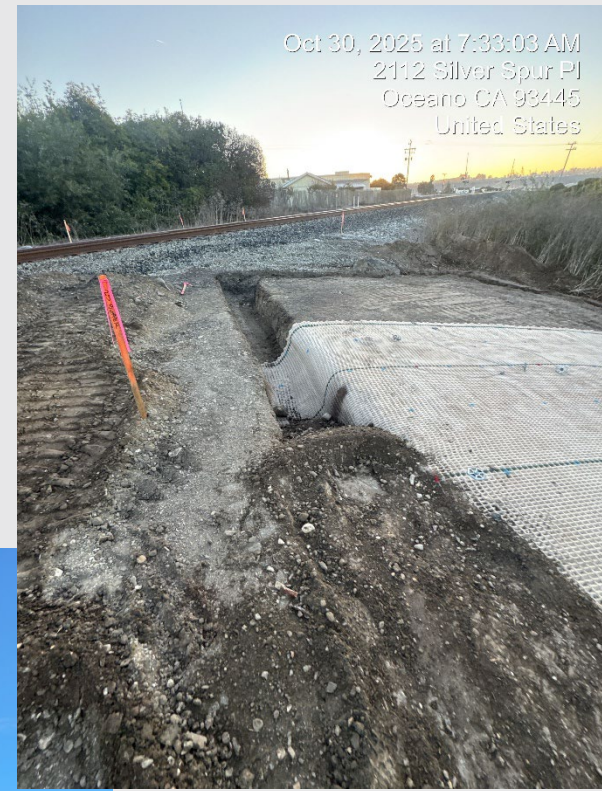
2023	AGC Emergency Capacity Restoration Phase I & IIA	Removal of 2023 storm season sedimentation (approx. 11,100 CY) & installation of 3,000 SQYD turf reinforcement mat (TRM)
2024	AGC Emergency Capacity Restoration Phase IIB	Implementation of four hydraulic barrier cut off walls (Approximately 4,700 LF)
2025	AGC Emergency Capacity Restoration Phase IIC	Extension of TRM, 2023 Levee Breach Site rock slope protection and stabilization, and UPRR bridge sediment removal
2025	Voluntary Property Purchase Demolition	Purchase of Creek Road District Property and restoration of floodplain



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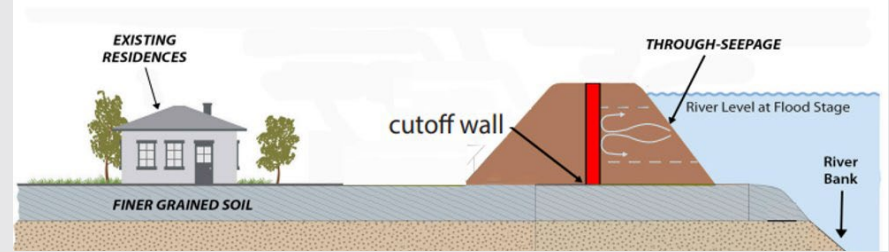
2026-27 Winter Season Prep – Zone 1/1A



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2026-27 Winter Season Prep – Zone 1/1A



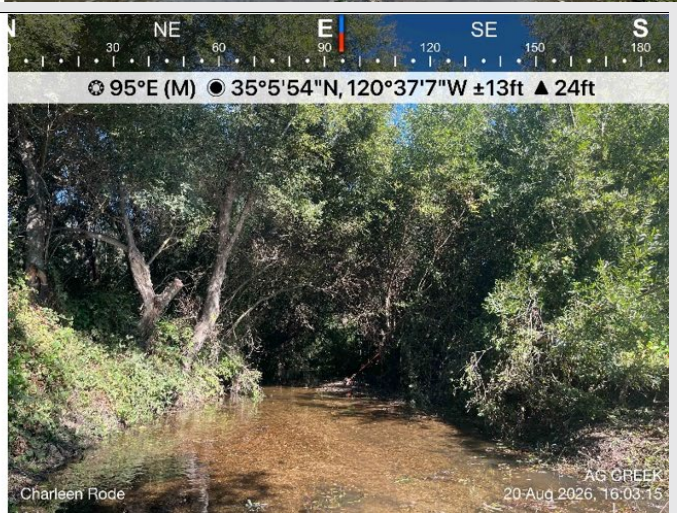
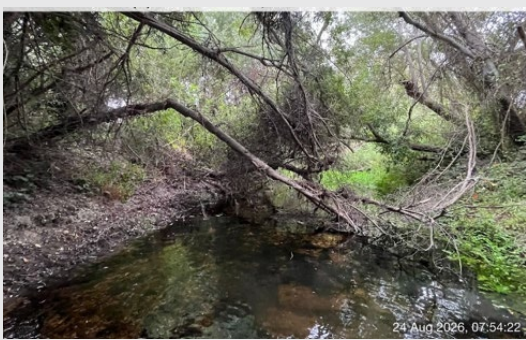
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2026-27 Winter Season Prep – Zone 1/1A

2026 Priority Hazardous
Tree Removals



2026 Priority Hazardous Tree Removals



2026-27 Winter Season Prep – Zone 1/1A

<https://www.slocounty.ca.gov/departments/public-works/committees-programs/flood-control-zones/zone-1-1a-arroyo-grande-creek-channel/flood-and-evacuation-information>



Melissa Pasa, Supervising Engineer (805) 788-2110



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2026-27 Winter Season Prep – NWS

Notes from the National Weather Service

- Twice per week briefings
- Main messages:
 - Current Oceanic conditions
 - Ocean Temp. vs. Atmospheric Coupling
 - Focus on burn scar areas
 - Objective forecasts, uncertainty ranges, timing
 - Mindful of warning fatigue
 - Seasonal outlooks vs. Event-driven warnings



2026-27 Winter Season Prep – NWS

Notes from the National Weather Service



Addressing and Preventing Warning Fatigue

Clear Horizon Separation:



- *Seasonal Climate Outlooks:* These provide broad shifts in probability to build long-term situational awareness and support long-range planning efforts
- *Event-Driven Watches & Warnings:* These are reserved strictly for imminent, high-confidence hazards that pose a direct threat to life and property

Maintaining Trust: By keeping our seasonal risk messaging proportional, we ensure that our high-urgency alerts carry the maximum possible impact when severe weather actually threatens