

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
ZONE 9 ADVISORY COMMITTEE

NOTICE IS HEREBY GIVEN that the Zone 9 Advisory Committee will hold a Regular Meeting at **1:30 PM** on **Wednesday, December 12, 2018** at the City of San Luis Obispo, Community Development Department in Conference Room #1 located at 919 Palm Street, San Luis Obispo, CA 93401.

**AGENDA**

1. Introductions and roll call
2. Approval of meeting minutes
3. Committee membership, re-affirmations, and upcoming appointments
4. 2019 Meeting schedule
5. Reports
  - a. Sustainable Groundwater Management Act (SGMA) updates
  - b. Mid-Higuera Bypass Project updates
  - c. Creek maintenance updates
  - d. Arundo removal updates
6. Update on FEMA flood mapping
7. Discussion on Stream Management and Maintenance Program in County areas
8. Public comment

*At this time, the public may address the Committee on any item not appearing on the agenda that is within the subject matter jurisdiction of the Committee.*
9. Future agenda items

**Next Regular Meeting**

Wednesday, February 13, 2019 at 1:30 PM

City of San Luis Obispo, Community Development Department  
919 Palm Street, San Luis Obispo, CA 93401

*“The purpose of the Zone 9 Advisory Committee: SECTION 1: To advise the County Board of Supervisors concerning all policy decisions relating to Zone 9. The Committee shall determine the needs, desires, and financial capabilities of the property owners in Zone 9 and, upon deliberation, shall convey to the Board of Supervisors their recommendations with respect to the objectives of said zone. SECTION 2: To recommend to the Board of Supervisors specific programs to alleviate and control flood damage within Zone 9 with recognition of the ecological and aesthetic values of the programs. Further, to recommend to the Board of Supervisors other programs within Zone 9 concerning the objects and purposes of the Flood Control District Act. SECTION 3: To recommend methods of financing programs for Zone 9.” – Excerpts from the By-Laws adopted March 1, 2011*

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
ZONE 9 ADVISORY COMMITTEE

Meeting Minutes (DRAFT) – Wednesday, October 10, 2018

Members Present

Wayne Peterson, Chairperson, Member, County At-Large

Andy Pease, Member, City Council

Matt Horn, Vice Chairperson, Member, City Staff

Dave Romero, Alternate, City At-Large

Jon Hall, Alternate, County At-Large

1. Introductions and roll call

Wayne Peterson calls the meeting to order at 1:30 PM. Quorum established.  
Introductions of attendees present.

2. Approval of Meeting Minutes - August 08, 2018

Motion by: **Andy Pease**

Second by: **Wayne Peterson**

The Committee approves the August 08, 2018 meeting minutes (5-0-0), as amended.

3. Ongoing Reports and Updates

- Sustainable Groundwater Management Act (SGMA) Update

There are no SGMA updates from the County of San Luis Obispo or the City of San Luis Obispo.

- Mid-Higuera Bypass Project Updates

Brian Nelson, City Engineer, reports that on August 21, 2018, the Board of Supervisors approved the certification of the Final Supplemental Environmental Impact Report for the Mid-Higuera Bypass Project. The County will proceed with the permitting process for the Final Supplemental EIR. With the Final Supplemental EIR approval, the consultant, Wallace Group, will proceed with the revegetation plan. Wallace Group is currently working on the 30% Design with an anticipated submittal to the City during the week of October 15, 2018. An exhibit outlining the main 7 project elements for improving flow is attached. The preferred bridge alternative for the Bianchi Lane Bridge replacement has been selected and will be a two span, cast in place, post tension concrete bridge. A temporary bridge will be used to maintain access to the west side of creek and the Madonna property during the Bianchi Bridge replacement. The Bianchi Lane Bridge will be raised and widened. The consultant is on schedule to complete the Final Design by June 2019. In the Final Supplemental EIR, the existing bridge was not determined to be a resource of historical significance and will be demolished.

- Creek Maintenance Updates

Freddy Otte, City Biologist, reports that visual assessments of debris or blockages were carried out from Cuesta Park to Elks Lane in the main stem of the San Luis Obispo Creek and from Isabella to Laguna Lake on Prefumo Creek. The California Conservation Corp (CCC) cleared the entire section of Prefumo Creek from Los Osos Valley Road to Laguna Lake. Silt removal activities in Prefumo Creek were completed on 10/09/2018 with a removal of 1300 cubic yards of material. The CCC performed one day of creek maintenance in the Spanish Oaks neighborhood during the week of 11/30/2018. The tree contractor has completed assigned activities in 5 large threat locations. Additional visual assessments for San Luis Obispo Creek from Elks Lane to Los Osos Valley road will be completed in the upcoming weeks. An additional week of CCC availability will be utilized once priority areas are identified. The complete list of priority locations is currently being developed.

A member of the public asked a question about the assessment of the Filipponi Ecological Area, owned by the City, located in the County. Freddy reported that it was last assessed 2-3 years ago and will be visually assessed pending priorities and availability.

Freddy Otte reports on Creek Day, which occurred on September 29, 2018. There were 47 volunteers during Creek Day. The largest challenge to Creek Day is homeless encampments limiting the locations that volunteers can access in the creek due to safety.

- Arundo Removal Updates

Jon Hall, Land Conservancy, reports that arundo removal is started on 10/08/2018. Property owners are currently being contacted. Jon Hall noted progress has been made annually due to the decrease in both the incidence of arundo and required resources in each subsequent year.

#### 4. Endorsement of City of San Luis Obispo's Annual Work Plan – Fiscal Year 2019-20

Mladen Bandov, County Engineer, reports that the City submitted the annual work plan and budget request to the County.

Matt Horn, City Engineer, reports that the Annual Work Plan contains three items requested from Zone 9 - General Creek Maintenance, Silt Removal, Mid Higuera Bypass Project. Compared to the prior fiscal year, an additional \$5,000 for general creek maintenance will assist in completing the work. The \$50,000 requested for silt removal is primarily used for engineering design, plans, and specifications, and permit requirements. The \$90,000 requested for the Mid Higuera will be used to complete the plans and specifications and for permitting costs.

Motion by: **Andy Pease**

Second by: **Dave Romero**

The Committee endorses the Annual Work Plan and FY 2019-20 Budget Request (5-0-0).

#### 5. Discussion of FEMA flood mapping updates to San Luis Obispo Creek Watershed

Mladen Bandov, recalled that at the August 08, 2018 Zone 9 meeting, several members of the public voiced concerns about the frequency of flooding on Buckley Road at Vachell Lane and the East Fork of the San Luis Obispo Creek. To address flooding in this area, County prepared alternatives to study the frequency of flooding, the backwater conditions and potential vegetation removal with the objective of reducing flooding frequency from a high frequency to a low frequency. One alternative is to perform a \$7,000- 10,000 limited scope study of the area that will rerun the City's hydrologic and hydraulic models for smaller storms with the deliverable of some recommendations or solutions coinciding with the Waterway Management Plan. Another

alternative is to await results from upcoming efforts from FEMA. Recently County Staff attended a kickoff meeting with FEMA Region IX and their contractor Stantec who will be updating floodplain modeling and mapping at four different locations within the county. One of which includes the San Luis Obispo Creek Watershed south of the City. The kickoff meeting presentation and a summary of the upcoming FEMA efforts were provided in the October 10, 2018 agenda packet. This entire FEMA effort for the four study areas is free to the County and City and results will be released near June 2020.

Matt Horn, City Engineer, reported that the City is currently developing a 2D flood model that studies San Luis Obispo Creek from Madonna Road to Froom Creek. The study compliments the FEMA efforts for the San Luis Obispo Creek Watershed with results likely available to FEMA September 2019 to February 2020.

Mladen Bandov and County Staff will update the Committee at the next meeting that summarizes the objectives and budget of a County run program for identifying priorities and performing creek maintenance activities south of the city limits.

City Staff will complete a site assessment of the Filipponi Ecological Preserve to visually assess threats within the creek.

Mladen Bandov invited Committee members and the Public to participate in the FEMA data collection process by providing data, photos, etc. to FEMA to aid FEMA in their efforts.

#### 6. Public Comment

There was no public comment.






#### 7. Future Agenda Items

- County Run Project and Creek Maintenance Program
- Bob Jones Pathway Extension
- Election Appointments

**Wayne Peterson** adjourns the meeting at 3:15 PM

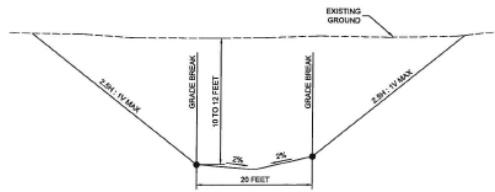
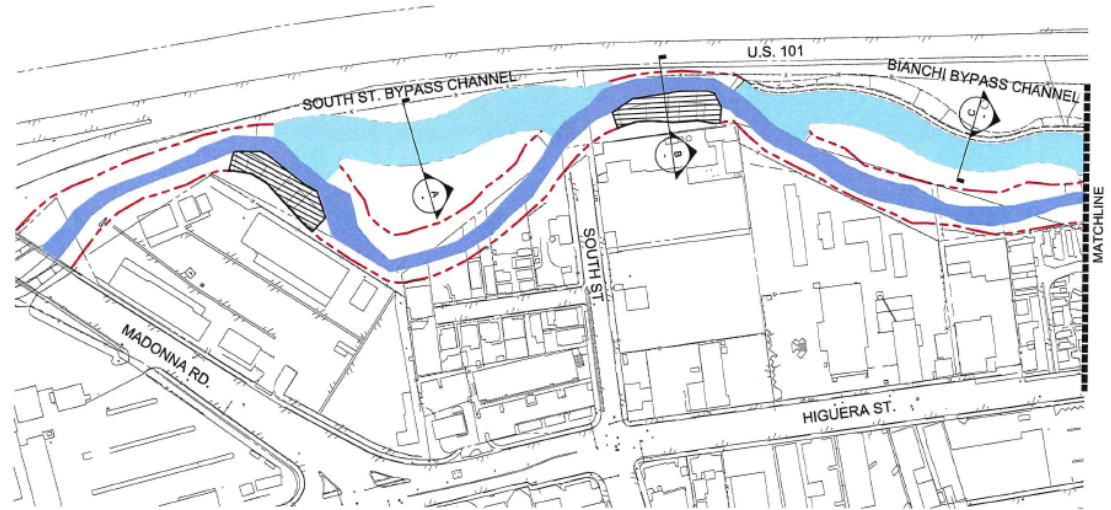
10-10-2018 Meeting Minutes Attachment: Mid Higuera Bypass Project Sheets

**LEGEND**

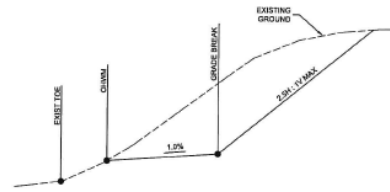
	SAN LUIS CREEK
	CREEK ORDINARY HIGH WATER MARK (7)
	BYPASS CHANNEL (1) (7)
	FUTURE BIKE TRAIL
	CREEK BANK IMPROVEMENTS (2) (7)

**PROJECT OBJECTIVES**

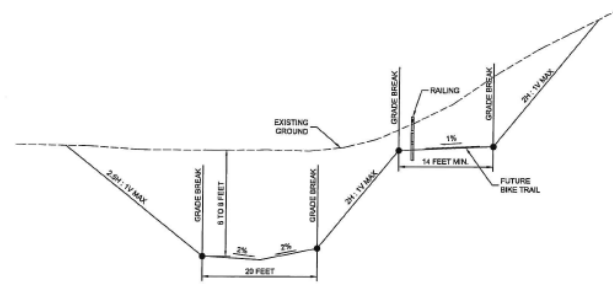
1. EXCAVATION OF TWO NEW BYPASS CHANNELS (SOUTH STREET AND BIANCHI) THAT ARE ACTIVATED IN MAJOR STORM EVENTS
2. GRADING IMPROVEMENTS ALONG EXISTING CREEK BANKS INCLUDING CHANNEL TERRACES AND BENCHES ABOVE ORDINARY HIGH WATER MARK (OHWM)
3. SEDIMENT REMOVAL UNDER MARSH STREET BRIDGE
4. REPLACEMENT OF BIANCHI STREET BRIDGE WITH A TALLER AND WIDER BRIDGE
5. GRADE FLOW RETURN ALONG HIGUERA STREET TO REDIRECT MAJOR STORM FLOW BACK INTO CREEK
6. REMOVE OBSTRUCTIONS ALONG CREEK BED AT "PINCH POINT" TO CREATE MORE NATURAL FLOW CONDITION
7. RIPARIAN HABITAT ENHANCEMENT, INCLUDING REMOVAL OF INVASIVE SPECIES, PROMOTION OF STREAM HABITAT THROUGH STRATEGIC NATURAL STRUCTURES AND INSTALLATION OF NATIVE FLORA



(A) TYPICAL SOUTH STREET BYPASS CHANNEL GRADING NTS



(B) TYPICAL CHANNEL BENCH GRADING NTS

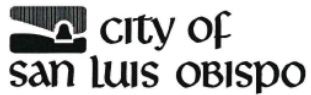


(C) BIANCHI BYPASS CHANNEL AND FUTURE BIKE TRAIL GRADING NTS



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SCALE 1" = 100'

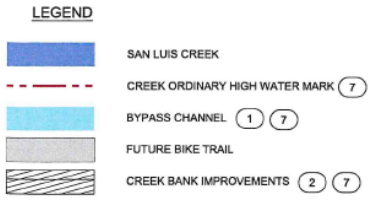
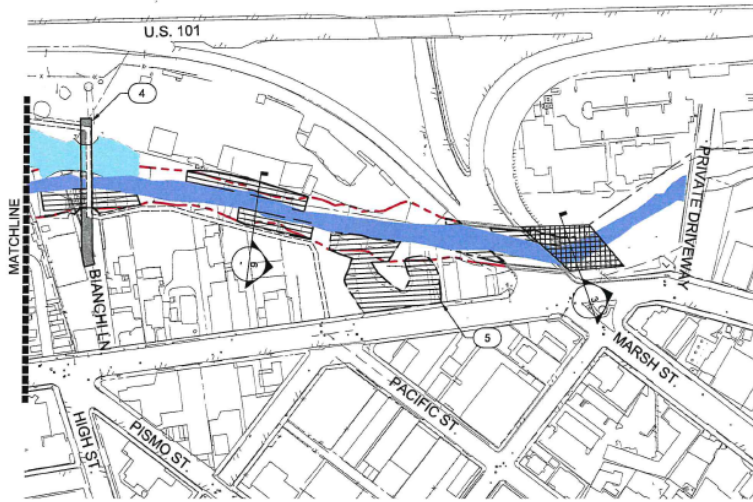
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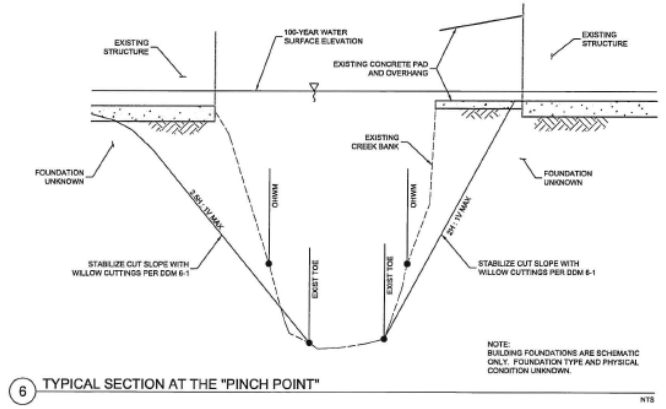
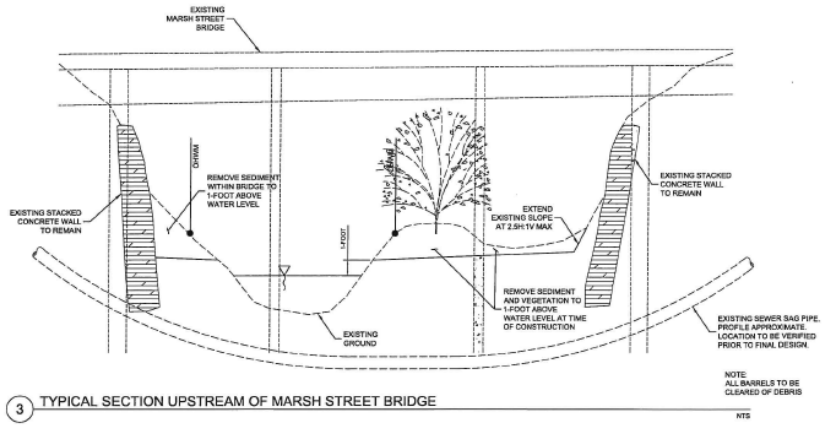
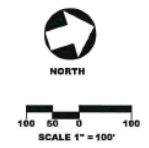
SAN LUIS OBISPO CREEK IMPROVEMENTS  
MID HIGUERA BYPASS  
SITE EXHIBIT - SHEET 1



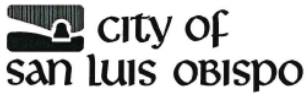
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**SAN LUIS OBISPO CREEK IMPROVEMENTS  
MID HIGUERA BYPASS  
SITE EXHIBIT - SHEET 2**



**ZONE 9 ADVISORY COMMITTEE  
OCTOBER 10, 2018 SIGN IN SHEET\***

\*Signing or initialing this sheet is voluntary

\*This sheet will be made public when published with meeting minutes

<b>MEMBERS</b>			
Organization	Member	Initial/Signature	Alternate
City Council	Andy Pease	AP	Dan Rivoire
City Staff	Matt Horn	MH	Manuel Guzman
City at-large	Christine Mulholland		Dave Romero
County at-large	Stephnie Waid		Vacant
County at-large	Kaila Dettman		Jon Hall
County at-large	Wayne Peterson	WP	Vacant
Secretary	Mladen Bandov		
County Staff	Sarah Crable	SC	
City Staff	Bob Hill	BH	
City Staff	Brian Nelson	BN	
City Staff	Freddy Otte	FO	
<b>VISITORS</b>			
Organization	Name	Initial/Signature	
RWQCB	Daniel Burgett		
County PWD	Keith Miller		
County PWD	Lynette O'Neil		
City Staff	Hal Hannula		
	KAREN SPANIC		
	TONY CHITWOOD		
	Kathy Berland		
	Drew Munn		

**TO: Zone 9 Advisory Committee**  
**FROM: Sarah Crable, Water Resources Engineer**  
**DATE: December 12, 2018**  
**SUBJECT: Agenda Item #3: Committee membership, re-affirmations, and upcoming appointments**

**Recommendation**

Re-affirm committee membership and discuss upcoming appointments.

**Discussion**

There are five current committee memberships that are expiring on 12/31/2018. Dan Rivoire is no longer on City Council which will require a new appointment for the City Council Alternate.

See the following table for current Committee membership and corresponding term expiration dates.

<b>Representing</b>	<b>Member</b>	<b>Alternate</b>	<b>Term Expires</b>
City Council	Andy Pease	Dan Rivoire	12/31/2020
City Staff	Matt Horn	Manny Guzman	12/31/2018
City At-Large	Christine Mulholland	Dave Romero	12/31/2018
County At-Large #1	Kaila Dettman	Jonathan Hall	12/31/2020
County At-Large #2	Wayne Peterson	<i>vacant</i>	12/31/2018
County At-Large #3	Stephnie Wald	<i>vacant</i>	12/31/2020

County Staff will bring the six Committee membership appointments to the February 5, 2019 Board of Supervisors meeting for approval.



**TO: Zone 9 Advisory Committee**

**FROM: Sarah Crable, Water Resources Engineer**

**DATE: December 12, 2018**

**SUBJECT: Agenda Item #4: 2019 Meeting Schedule**

**Recommendation**

San Luis Obispo County Flood Control and Water Conservation District  
Zone 9 Advisory Committee

**2019 Regular Meeting Schedule**

<b>January</b>	<b>February 13, 2019</b>	<b>March</b>
No Meeting	City of San Luis Obispo 919 Palm St, San Luis Obispo Conference Room #1 1:30 PM to 3:30 PM  <i>Confirm or update membership Confirm or elect officers</i>	No Meeting
<b>April 10, 2019</b>	<b>May</b>	<b>June 12, 2019</b>
City of San Luis Obispo 919 Palm St, San Luis Obispo Conference Room #1 1:30 PM to 3:30 PM	No Meeting	City of San Luis Obispo 919 Palm St, San Luis Obispo Conference Room #1 1:30 PM to 3:30 PM
<b>July</b>	<b>August 14, 2019</b>	<b>September</b>
No Meeting	City of San Luis Obispo 919 Palm St, San Luis Obispo Conference Room #1 1:30 PM to 3:30 PM	No Meeting
<b>October 9, 2019</b>	<b>November</b>	<b>December 11, 2019</b>
City of San Luis Obispo 919 Palm St, San Luis Obispo Conference Room #1 1:30 PM to 3:30 PM  <i>Endorse Annual Work Plan</i>	No Meeting	City of San Luis Obispo 919 Palm St, San Luis Obispo Conference Room #1 1:30 PM to 3:30 PM  <i>Membership re-affirmations Approve next year meeting schedule</i>

Website: <https://www.slocountywater.org/site/Flood%20Control%20and%20Water%20Conservation%20District%20Zones/ZONE%209/>

For any questions, please contact:  
County of San Luis Obispo Department of Public Works  
County Government Center, Room 206  
San Luis Obispo, CA 93408  
Attn: Zone 9 Advisory Committee Secretary

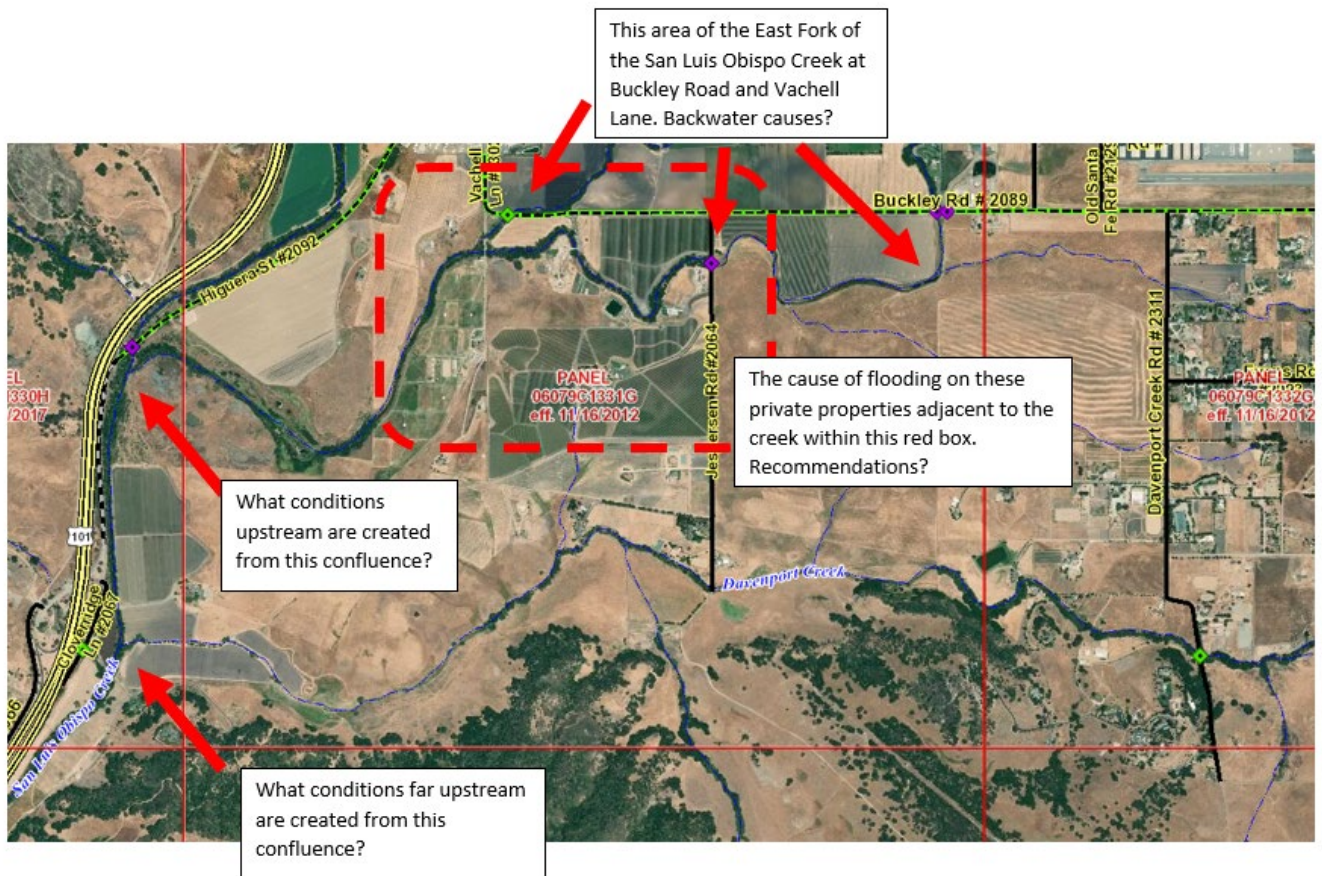
**TO:** Zone 9 Advisory Committee  
**FROM:** Sarah Crable, Water Resources Engineer  
**DATE:** December 12, 2018  
**SUBJECT:** Agenda Item #6: Update on FEMA flood mapping

**Recommendation**

Provide input and data to FEMA Region IX contractor, Craig Steward with Stantec, to aid in their efforts.

**Discussion**

FEMA Region IX is updating flood hazard information for San Luis Obispo County residents and businesses. Public comment at both the August 8 and October 10, 2018 Committee meetings has highlighted the frequency of flood that occurs at Buckley Road at Vachell Lane. To understand the cause of flooding at this location, County Staff requested that Stantec gather additional information where possible in developing their models. The following figure was provided to Stantec to indicate the points of interest along the East Fork of the San Luis Obispo Creek.



Stantec requested as-built information for several private and public culverts and bridges located in the County. Staff is currently compiling available data and will submit it to FEMA. Stantec performed field reconnaissance of the San Luis Obispo Creek Watershed on December 6, 2018. Stantec is available to meet with Committee Members to data collection efforts and additional area requests as needed. County staff will continue to provide updates on FEMA's flood mapping efforts as their work continues.