

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 11, 2019** 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 October 09, 2019 meeting minutes
3. Committee membership and re-affirmations
4. Approval of 2020 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. Endorsement of Scope of Services – East Fork of San Luis Obispo Creek
7. 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.
8. Future agenda items

Next Regular Meeting

Wednesday, February 12, 2020 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 09, 2019

Members Present

Wayne Peterson, Chairperson, County At-Large
Matt Horn, Vice Chairperson, Member, City Staff
Brian Nelson, Alternate, City Staff (non-voting)
Carlyn Christianson, Member, City Council
Christine Mulholland, Member, City At-Large
Janet Andrews, Alternate, County-At-Large (non-voting)
Jon Hall, Alternate, County At-Large
Steph Wald, Member, County-At-Large

1. Introductions and roll call

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

2. Approval of Meeting Minutes - June 12, 2019

Motion by: **Christine Mulholland**

Second by: **Carlyn Christianson**

The Committee approves the June 12, 2019 meeting minutes (5-0-0).

3. Reports

- Sustainable Groundwater Management Act (SGMA) Update

The written update provided by Dick Tzou, County Public Works, is included in the agenda packet.

- Mid-Higuera Bypass Project Updates

Brian Nelson, City of San Luis Obispo Engineer, reports that the consultant, Wallace Group, is working on the 90% design plans and specifications. The subconsultant working on the 60% design plans for the Bianchi Lane bridge. In July, City staff met with Keith Miller, County staff, to discuss the County's 60% design review comments regarding jurisdictional limits and details for permitting requirements. The consultant is currently integrating these comments from the County. Once 90% design plans are finalized by the consultant and reviewed by the County, the consultant will begin permit discussions and submittals to the

California Department of Fish and Wildlife and the Regional Water Quality Control Board.

Brian Nelson reports that the City is currently seeking grant opportunities and is reviewing the grant guidelines for Proposition 1: Coastal Watershed Flood Reduction Program that could contribute up to 50% of project costs. The City's grant writer is examining the grant and project's potential to rank high. The current total project cost is estimated to be \$7 million and a better estimate will be available with the finalization of the 90% design. If the Prop 1 grant is secured, the City will ask the Advisory Committee about the level of funding it is willing to contribute to construction costs.

- Creek Maintenance Updates

The agenda packet contains the vegetation maintenance update from Freddy Otte, City Biologist.

Brian Nelson, City of San Luis Obispo Engineer, updates on two silt removal projects. Two projects went out to bid in September 2019 and will be completed during the week of October 7, 2019. The first location is at Sacramento Drive at Orcutt Road where sediment was removed from a culvert under a bridge. The second location is at Tank Farm Road at Hollyhock Way where a contractor removed approximately 700 cu. yd. of sediment. An additional silt removal location on the Prefumo Creek arm, downstream of Laguna Lake and south of Madonna Road had to be postponed until next year due to a high water table creating wet conditions.

- Arundo Removal Updates and Presentation

Jon Hall, Land Conservancy, reports that 2019 Arundo removal activities have begun. John Hall provided a PowerPoint presentation to update the Committee on Arundo removal activities and progress:

- Removal activities for Arundo systematically begin at the top of the watershed and move downstream due to plant fragments having the ability to easily regrow
- Due to Arundo's perennial nature, fall is the most effective season to apply herbicides
- Herbicide is the only way to effectively control this plant due to difficulty of removing all plant pieces from the soil
- Once the plant is dead, a chipper is used to cut the plant into fine enough fragments that do not have the ability to re-sprout.
- Currently, efforts are focused on resurveying every known dead stand to ensure that nothing has re-sprouted, which can happen
- The Land Conservancy began Arundo removal activities in 2006 with 466

known Arundo stands in the watershed

- In 2014, approximately 43% of surveyed stands were dead
- As of 2018, 82% of surveyed stands were dead
- 36 Stands are still alive and are actively being treated
- 48 stands are being untreated because a majority are located on private property in yards and neighborhoods and are low priority because they are not in creeks

A pdf of the slides is provided immediately following the minutes.

4. Endorsement of City of San Luis Obispo's Annual Work Plan – Fiscal Year 2020-21

Matt Horn, Vice Chairperson, City of San Luis Obispo Engineer, updates the committee on the City's requested budget from Zone 9 for Fiscal Year 2020-21. Budgeted activities include general creek maintenance, silt removal work, and continuation of Mid-Higuera Bypass project.

Motion by: **Christine Mulholland**

Second by: **Carlyn Christianson**

The Committee Endorses the City of San Luis Obispo's Annual Work Plan (4-0-1).

Kathy Borland, Preserve the SLO Life, asked if the creek parallel to Buckley Road near Vachell Lane, within City jurisdiction and on Avila Ranch property, is on the City's list of maintenance activities. The City will follow up with the City Biologist and report back at the following Zone 9 meeting.

5. Discussion Cloud Seeding in Zone 3 – Keith Miller, Environmental Division, Public Works

Wayne Peterson, Chairperson, discusses that this agenda item was added to update the Committee on potential cloud seeding activities in Zone 3 (Lopez Lake) and whether they should be a concern for the San Luis Obispo Creek watershed (Zone 9) in a terms of inundating creeks and causing flooding. Wayne reports that his concerns were addressed by the information provided in the agenda packet that states that if the National Weather Service issues a severe storm flood warning or flash flood warning, all cloud seeding activities in the project area will be suspended.

Christine Mulholland, City At-Large, reports that she was initially concerned that local cloud seeding activities would offset water that would be delivered to other areas, such as the San Joaquin Valley, but reviewed all documentation provided in the agenda packet and could not find any evidence to disapprove of cloud seeding activities in Zone 3.

6. Discussion of Draft Scope of Services - East Fork of San Luis Obispo Creek

Sarah Crable, County Engineer, discusses the Draft Scope of Services for the hydraulic and hydrologic study of the East Fork of the San Luis Obispo Creek. The study intends to determine the storm interval and water surface elevations that cause localized flooding conditions in the area of Buckley Road and Vachell Lane. In addition, the study intends to identify possible solutions to alleviate flooding, if any. Comments from the Committee are due to Sarah Crable by 11/1/2019.

Kathy Borland, Preserve the SLO Life, explains that the tributary to the East Fork, parallel to Buckley Road, is inundated with tree limbs and vegetation. She reports that although she recorded 39 inches of rain at her home's rain gauge for the year, there was no flooding in on Buckley Road at Vachell Lane this year and she believes the reason is that Chevron's remediation activities is keeping water in newly constructed basins on Chevron's property.

Drew Munster, Buckley Stables, asks if the East Fork study will identify the sources of water that flow into the East Fork. Brendan Clark, Secretary, says that can be added to the request to the consultant since the consultant will examine this information to develop the model.

Bob Newberg, Preserve the SLO Life, asks about the groundwater levels and the infiltration rates in the proposed detention basins on the Avila Ranch property.

Matt Horn, Vice Chairperson, City Engineer, states that he will locate and provide, the County of San Luis Obispo with the following items for the consultant of the East Fork study to reference:

- Avila Ranch Hydraulics and Hydrology Report for larger rain events
- Post construction runoff stormwater control plan for minor rain events
- Borings for the property in and around Avila Ranch area

7. Public Comment

No public comment.

8. Future Agenda Items

- Ongoing reports
- Follow up on Draft Scope of Services of East Branch hydrologic/hydraulic study

Meeting adjourned at approximately 2:33 PM.

THE LAND CONSERVANCY OF SAN LUIS OBISPO COUNTY: ARUNDO REMOVAL PROGRAM 2019 UPDATE



Jon Hall
Stewardship Director

1

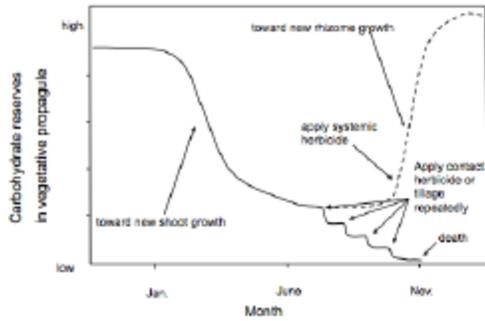
WHAT PROBLEMS DOES IT CAUSE?



2

Arundo Management

Figure 3. Timeline for controlling perennial weed species by carbohydrate starvation of the vegetative propagule (e.g. rhizome, tuber, etc.).



3

Arundo treatment

Methodology

- Top-down approach
- Mechanical Removal
 - Chainsaw
 - Machete
 - Loppers
- Chemical control
 - Habitat® or Aquamaster® on re-sprouts or in-stream growth
- Disposal
 - Chipping
 - On-site desiccation



4

Arundo treatment



5

2019 State of Arundo



6

SLO Creek Arundo Management

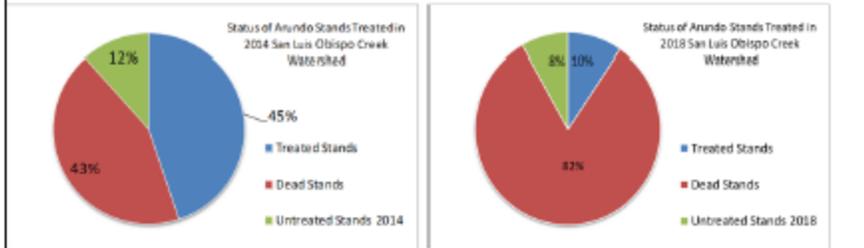
- LCSLO has been actively managing Arundo since 2006.

466 Known Arundo Stands in SLO Creek Watershed.

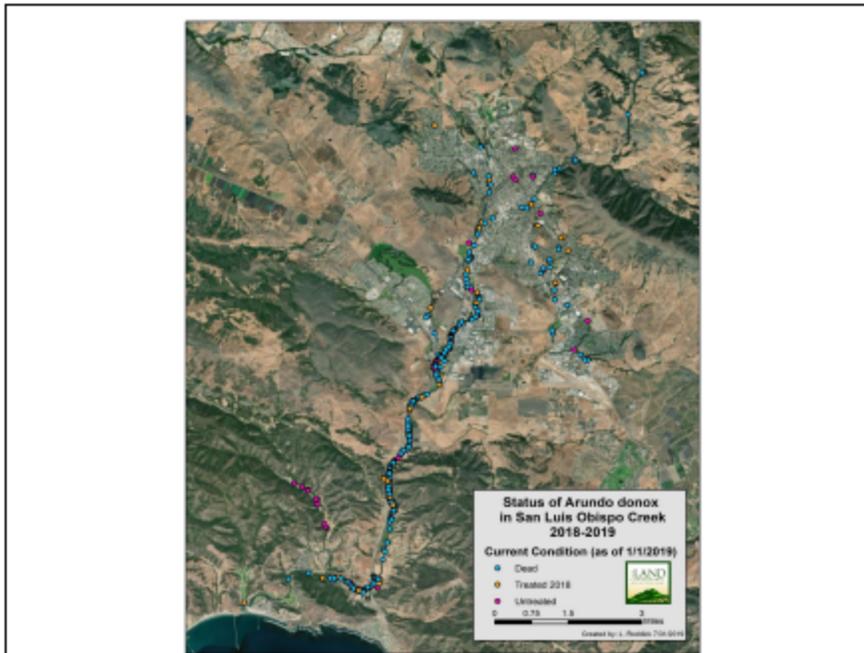
382 Dead

36 Treated but still alive

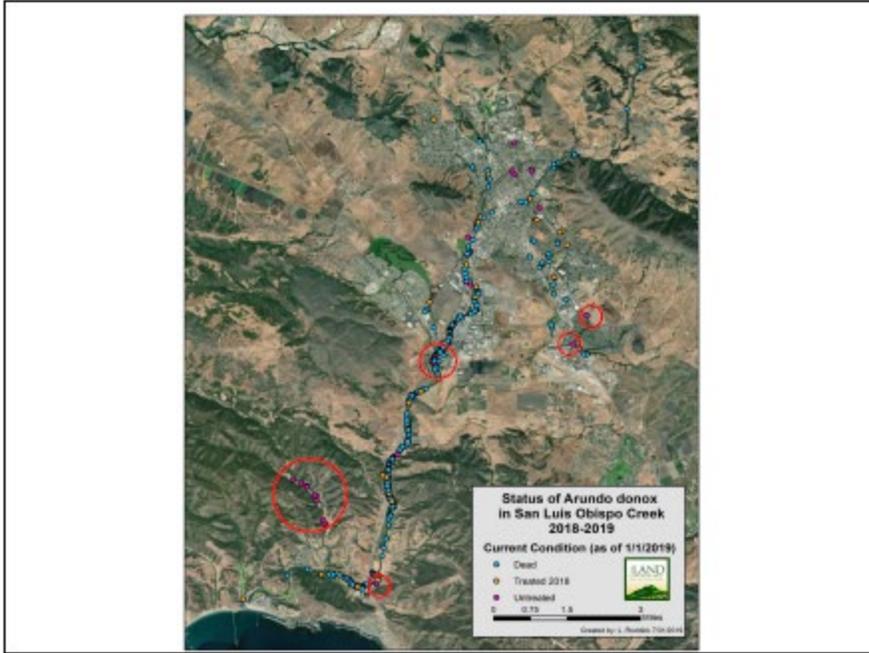
48 Untreated (Mostly not in Creeks)



7



8



9

Freddy's Arundo



10

Thank You!



TO: Zone 9 Advisory Committee

FROM: Sarah Crable, Water Resources Engineer, County Public Works

DATE: December 11, 2019

SUBJECT: Agenda Item #3: Committee membership and re-affirmations

Discussion

Representing	Member	Alternate	Term Expires
City Council	Carlyn Christianson	Aaron Gomez	12/31/2020
City Staff	Matt Horn	Brian Nelson	12/31/2022
City At-Large	Christine Mulholland	Dave Romero	12/31/2022
County At-Large #1	Kaila Dettman	Jonathan Hall	12/31/2020
County At-Large #2	Wayne Peterson	Janet Andrews	12/31/2022
County At-Large #3	Stephnie Wald	<i>vacant</i>	12/31/2020

TO: Zone 9 Advisory Committee

FROM: Sarah Crable, Water Resources Engineer, County Public Works

DATE: December 11, 2019

SUBJECT: Agenda Item #4: Approval of 2020 Meeting Calendar

Recommendation

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

2020 Regular Meeting Schedule

January	February 12, 2020	March
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
April 8, 2020	May	June 10, 2020
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
July	August 12, 2020	September
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
October 14, 2020	November	December 9, 2020
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://slocounty.ca.gov/pw/zone9>

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: Dick Tzou, Water Resources Engineer, County Public Works

DATE: December 11, 2019

SUBJECT: Agenda Item #5a: Sustainable Groundwater Management Act (SGMA) Updates

Update

- **December 11, 2019** – A regular quarterly Groundwater Sustainability Commission (GSC) meeting will be held at the Ludwick Community Center at 3:30 PM. The GSC will review draft GSP Chapters 3 – Description of Plan Area and Chapter 4 – Basin Setting and consider whether they should recommend the GSAs to receive and file them. Once approved by the GSC, the draft chapters will be posted online for public review and comments. During the GSC meeting, County staff will provide an update on the outreach efforts and the GSP development process. The consultant team will present summaries of the content in Chapters 3 and 4, results of geophysics survey, overviews of basin groundwater conditions and water budget, and progress in the modeling efforts. Please visit the new GSP Portal: <http://www.slowaterbasin.com/> to review the chapters, provide comments, and register as a interested party to receive email alerts. All written comments submitted to the GSAs will be posted online for viewing. The comment period for draft GSP Chapters 3 & 4 is anticipated to end on January 31, 2020 pending approval by the GSC.

- ***Upcoming GSP Sections/Chapters and/or Milestones through April 2020:***
 - Chapter 5 and 6: Groundwater Conditions and Water Budget
 - Quarterly Newsletter Vol. 3
 - Workshop #2: Sustainability Vision and Goals for the SLO Basin

For additional information, please contact:

Dick Tzou
Water Resources Engineer, County Public Works
dtzou@co.slo.ca.us
(805) 781-4473

Visit the San Luis Obispo Valley Groundwater Basin SGMA website for mailing list and updates:

<https://www.slocounty.ca.gov/slobasin>

TO: Zone 9 Advisory Committee

FROM: Brian Nelson, Supervising Civil Engineer, City of San Luis Obispo
Keith Miller, Environmental Division Manager, County Public Works

DATE: December 11, 2019

SUBJECT: Agenda Item #5b: Mid-Higuera Bypass Project Updates

Update

The design consultant has submitted the 60% Bianchi Lane bridge replacement plans, which are currently under review by City staff. Meanwhile, the Consultant continues to work on the 90% level plans, specifications, and estimates with anticipated delivery at the beginning of next year. The 90% deliverable would be submitted by the County to each regulatory agency for permitting. Additionally, City staff are continuing to monitor the Proposition 1 Coastal Watershed Flood Risk Reduction Program for release of the grant funding criteria. Final grant guidelines have yet to be published, but the project appears to conform to the initial grant criteria.

TO: Zone 9 Advisory Committee

FROM: Freddy Otte, City Biologist, City of San Luis Obispo
Sarah Crable, Engineer, County Public Works

DATE: December 11, 2019

SUBJECT: Agenda Item 5c: Creek Maintenance Updates

Update

The City has almost completed their creek surveys and has a list of locations to do work at on Prefumo Creek, SLO Creek and Stenner Creek. With the rains during the week of November 25, 2019, the creeks came up about 2 feet and there were smaller debris jams (from the smaller sticks/branches and leaves) but nothing significant. These smaller debris jams seemed to have washed out on their own. The two additional Flood Control Techs will be back to work this week and we will begin working on the list of locations to keep up with the storms. Working with private property owners regarding a large sycamore tree that went down immediately upstream of the Marsh Street Bridge and a large cypress tree upstream of Elks Lane Bridge as well. Overall, creek conditions appear good for now.

County and City staff continue to work on the agreement to perform creek maintenance activities within County jurisdiction. Priority locations for creek maintenance have been identified. Staff will continue to update the Committee on the progress of this program.

TO: Zone 9 Advisory Committee

FROM: Sarah Crable, Water Resources Engineer, County Public Works

DATE: December 11, 2019

SUBJECT: Agenda Item #6: Endorsement of Draft Scope of Services – East Fork of San Luis Obispo Creek

Recommendation

Advisory Committee review and endorse the attached Draft Scope of Services for the development of a hydrologic and hydraulic study for the East Fork of the San Luis Obispo Creek.

Background

On April 10, 2019, the Zone 9 Advisory Committee approved a FY 2019-20 budget increase of \$87,000 to conduct a limited hydrologic and hydraulic study of the East Branch of the San Luis Obispo Creek. On October 9, 2019, District staff presented the Committee with a Draft Scope of Services and an approximate RFP schedule for discussion and comments. As a result of the discussion, Task 5, Item 3, and additional references were added to the draft Scope of Services.

Comments were due to District staff by November 1, 2019. No comments were received.

Discussion

District staff has provided the attached Final Draft Scope of Services for Committee endorsement. An estimated schedule for securing a consultant through the Request for Proposal process (RFP) is provided in **Table 1**.

Table 1: East Fork Limited Study – Approximate RFP schedule

Item	Date	Status
Committee Comments on Draft Scope Due to District	November 1, 2019	Complete
District Integrate Comments	November 8, 2019	Complete
Final Scope Approval by Committee	December 11, 2019	
Initiate RFP Process	Estimated early January 2020	
Proposal Review Panel	Estimated early February 2020	
Consultant Selection	Estimated late February 2020	
Contract Execution	Estimated March 2020	

DRAFT - SCOPE OF SERVICES

The Consultant will assist the District with the completion of an Addendum to the Waterway Management Plan by conducting a hydrologic and hydraulic study (Study) of the East Fork of the San Luis Obispo Creek. The East Fork, particularly in and around the Buckley/Vachell intersection, experiences regular flooding. The Study will focus on the determining the causes and frequency of flooding, and water surface elevations at key locations along the East Fork of the San Luis Obispo Creek. In addition, the Consultant will provide a cursory list of recommendations for lessening the frequency of flooding in the East Fork at these key locations. This project falls within the jurisdiction of the San Luis Obispo County Flood Control and Water Conservation District, Flood Control Zone 9 (Zone 9) which encompasses the San Luis Obispo Creek Watershed (see **Figure 1**). A map of the Study area is shown in **Figure 2**.

General information related to Zone 9 is found at the District's website:

<https://www.slocounty.ca.gov/Departments/Public-Works/Committees-Programs/Flood-Control-Zones/Zone-9-%E2%80%93-San-Luis-Obispo-Creek-Watershed.aspx>

The San Luis Obispo Creek Watershed Waterway Management Plan (WMP, 2003) includes the most recent hydrologic and hydraulic analysis. The WMP's three volumes, appendices, and model files are located on the City of San Luis Obispo's website: <https://www.slocity.org/government/department-directory/public-works/documents-online/waterway-management-plan>.

The Consultant shall include and specify sub-consultants or other third-party firms that will be utilized as the project team to develop this Study. Consultant services will begin upon receipt of the notice to proceed (estimated December 2019) through the end of the fiscal year (June 2020).

The Consultant shall provide a written scope of services detailing the approach that will be used to complete the study, which includes but is not limited to the performance of the following professional services:

Task 1: Project Management

The Consultant will provide project management services that begin with a project kickoff meeting with the District. The Consultant will provide brief status updates with task completion percentage approximations due at the 10th of each month, noting issues or problems. The consultant will also regularly submit project invoicing at the 10th of each month for work completed for the previous month.

Deliverables

- Project kick-off meeting summary
- Monthly project status updates
- Monthly project invoices

Task 2: Project Area Data Compilation

The Consultant will perform a review of the studies, models, imagery, survey and historical data collected in the study area. The Consultant will identify the data that is applicable and how it can or may be used in the Study. The Consultant will also identify data gaps and how that information will be obtained. The

Consultant will provide a data request to the District if necessary. The following data sources are managed by the District and may be useful:

1. Creek stage gauge information found here:
<https://wr.slocountywater.org/dashboard/?dashboard=0f9df713-4cf0-4b88-81a5-859f9f78a794>
2. Rain gauge information: <https://wr.slocountywater.org/dashboard/?dashboard=ca742410-2999-4c1f-bb56-20bed1b36fe0>

Deliverables

- List of applicable data sources with description of how it will be used
- Description of any data gaps and how the information will be collected
- Information request list for the County

Task 3: Existing Conditions Assessment

The Consultant will conduct an existing conditions assessment of the East Fork of the San Luis Obispo Creek and any tributaries to gather information that will be used in developing the hydrologic and hydraulic model, determining water surface elevations, structure elevations, channel geometry creek walk to observe existing conditions with the intent of understanding.

Deliverables

- Written conditions assessment report including, as applicable:
 - Topographic Maps
 - Survey Data
 - GIS Layers

Task 4: Hydrologic and Hydraulic Model Development

The H and H Study Conducted for the 2002 Waterway Management Plan report examined four separate watershed conditions:

1. Pre-European settlement
2. Historic circa 1960
3. Existing (2000-2001)
4. Future - assuming General Plan build-out from City and County Plans at that time.

The Consultant will examine the following watershed conditions in the development of the hydraulic and hydrologic study:

1. Current (2019)
2. Future assuming General Plan build-out of City and County areas (including the airport).

Deliverables

- HEC-HMS Model Files
- HEC-RAS Model Files
- Runoff hydrographs
- GIS maps with the model results

Task 5: Development of Hydrologic and Hydraulic Study Report

The Consultant will provide a final report that uses field data and model results to make recommendations to lessen the frequency of flooding in the Study area. The Final Report will include the following:

1. List of assumptions used in model development
2. Interpretation of City's existing model results
3. Identification and quantification of upstream watersheds that drain into the East Fork of the San Luis Obispo Creek.
4. Identification of water surface elevations at various key locations of the East Fork. See **Figure 2** for a map of key locations.
5. Understanding of how downstream conditions, including the confluence of the East Fork with San Luis Obispo Creek, affect the inundation along and around the East Fork.

Deliverables

- Draft report for District review and feedback
- Final report integrating District comments
- Frequency of flooding using existing conditions at various storm intensities and durations, for wet and dry conditions, including, at a minimum:
 - 2 year, 24hr
 - Back-to-back 2yr, 24hr
 - 5 year, 24hr
 - 10 year, 24hr
 - 25 year, 24hr
- Water surface elevation at Buckley Road bridge at Vachell Lane for all evaluated scenarios in tabular and cross-sectional format
- List of observations
- List of potential issues identified
- List of recommendations to lessen the frequency of flooding

Task 6: Zone 9 Presentation

Present findings and recommendations at a Zone 9 meeting.

Deliverables:

- Present key findings, recommendations and respond to questions from the Zone 9 Advisory Committee and members of the public.

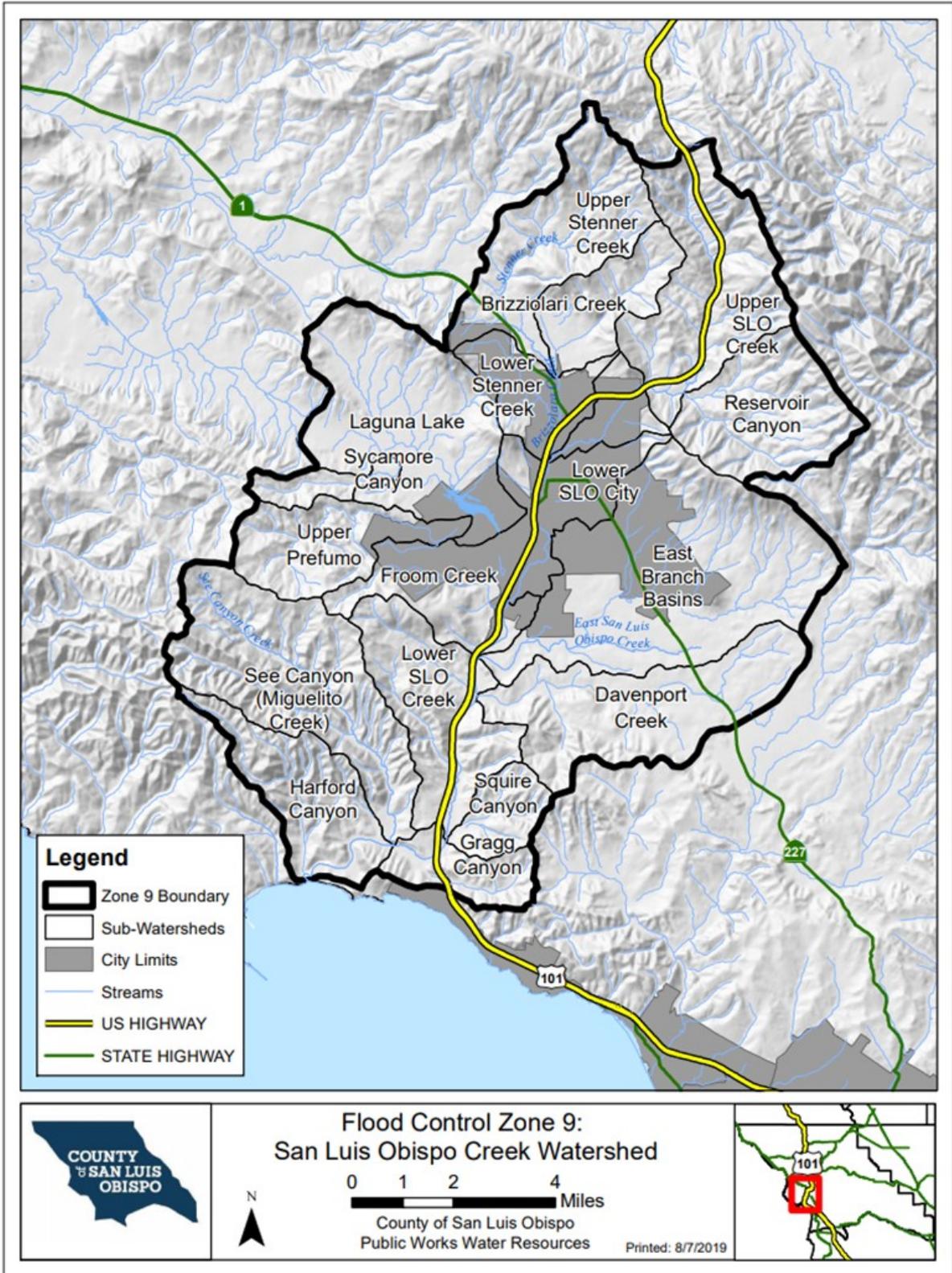


Figure 1: San Luis Obispo Flood Control and Water Conservation District Flood Control Zone 9 (Zone 9) and the San Luis Obispo Creek Watershed share the same boundaries.

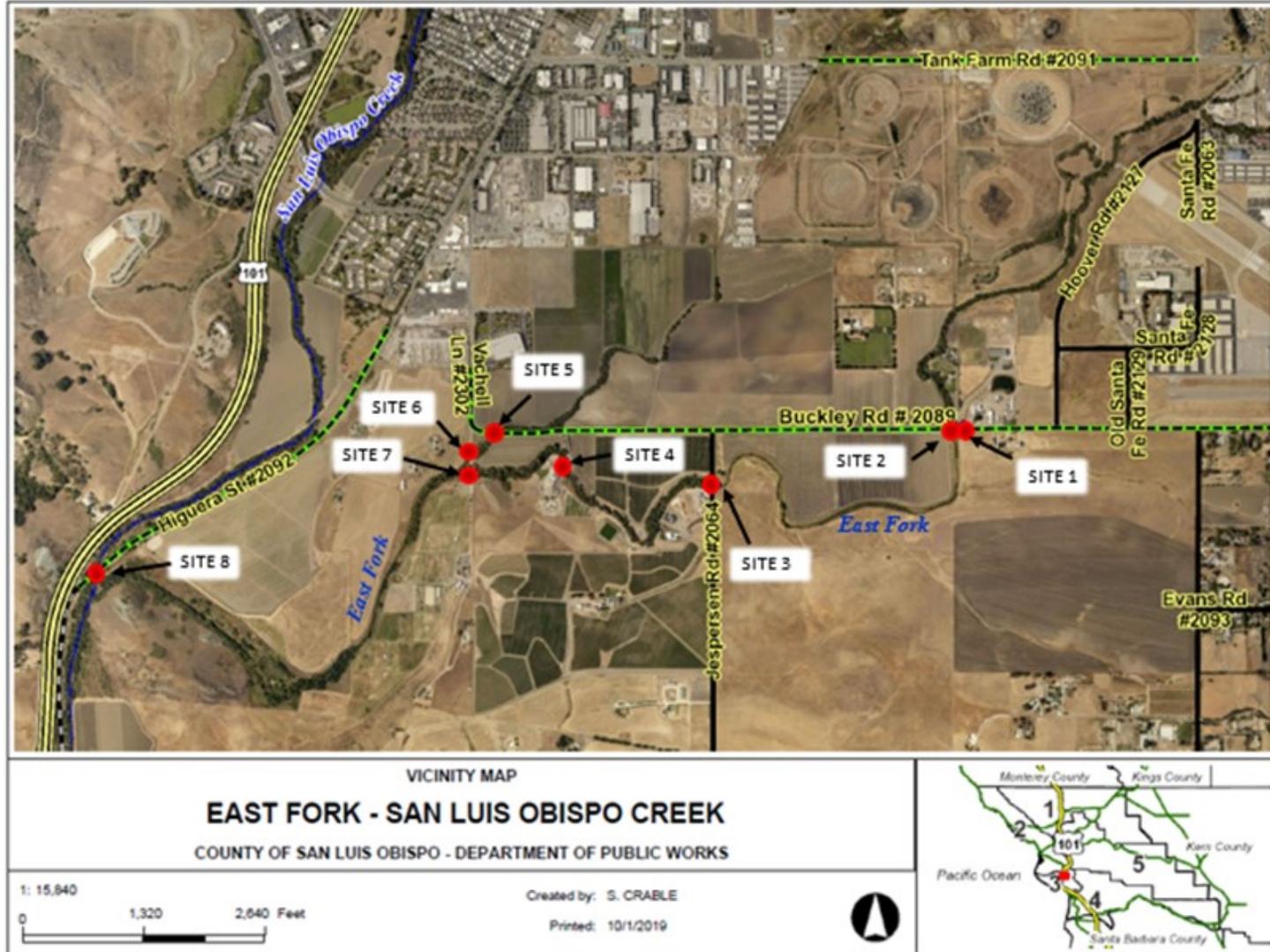


Figure 2: Project study area – East Fork of the San Luis Obispo Creek adjacent to Buckley Road and Vachell Lane.

References:

1. Boyle. 1999. City of San Luis Obispo Storm Drain Master Plan.
2. Cannon. Avila Ranch Hydraulics and Hydrology Report.
3. Cannon. Project Soils and Infiltration Report.
4. County of San Luis Obispo. Land Use Maps. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Maps/Land-Use-Maps/San-Luis-Obispo-Planning-Area-Maps.aspx>
5. County of San Luis Obispo. Rain gauge data. <https://wr.slocountywater.org/dashboard/?dashboard=ca742410-2999-4c1f-bb56-20bed1b36fe0>
3. County of San Luis Obispo. Creek stage gauge data. <https://wr.slocountywater.org/dashboard/?dashboard=0f9df713-4cf0-4b88-81a5-859f9f78a794>
6. City of San Luis Obispo. 2014. City of San Luis Obispo Airport Area Specific Plan. <http://www.slocity.org/home/showdocument?id=4294>
7. City of San Luis Obispo. 2015. General Plan. <https://www.slocity.org/government/department-directory/community-development/planning-zoning/general-plan>
8. County of San Luis Obispo. General Plan.
9. Questa Engineering. 2003. Waterway Management Plan. Volumes I through 3. <https://www.slocity.org/Home/ShowDocument?id=4913>.
10. Questa Engineering. 2007. San Luis Obispo Creek Watershed Hydrology and Hydraulic Model Calibration Study. <https://www.slocity.org/Home/ShowDocument?id=4915>
11. RRM Design Group. Avila Ranch Post Construction Runoff Control Plan.