

Notice and Agenda of a Workshop of the Yucaipa Sustainable Groundwater Management Agency

Wednesday, May 22, 2019 at 10:00 a.m.

City of Yucaipa, 34272 Yucaipa Boulevard
Yucaipa, California 92399
(909) 797-2489 | www.yucaipasgma.org

- I. **Call to Order**
- II. **Roll Call**
- III. **Introductions of Board Members and Public Participants**
- IV. **Public Comments** At this time, members of the public may address the representatives of the Yucaipa Groundwater Sustainability Agency on matters within its jurisdiction.
- V. **Review and Approval of Meeting Minutes**
 - A. Meeting Minutes - April 24, 2019 [[Page 3 of 31](#)]
- VI. **Discussion Items**
 - A. Discussion Regarding the Preparation of a Groundwater Sustainability Plan - Dudek / Tim Kellett
 - B. Status Report on the Sustainable Groundwater Management Act Grant and Financial Status - Tim Kellett
 - C. Consideration of Approving the Public Outreach Plan for the Yucaipa Sustainable Groundwater Management Agency - Zoe Carlson
 - D. Discussion Regarding the Conceptual Model Used to Prepare the Groundwater Sustainability Plan - Tim Kellett [[Page 5 of 31](#)]
 - E. Discussion Regarding the Inclusion of Potential Recharge Projects in the Baseline Groundwater Model
 - F. Discussion Regarding a Tentative Meeting Date for an Elected Official Meeting to Receive a Status Report of the Yucaipa Sustainable Groundwater Management Agency
- VII. **Topics for Future Meetings**
- VIII. **Comments by Board of Directors**
- IX. **Announcements - Future Meetings**
 - A. *Wednesday, June 19, 2019 at 6:00 pm - Elected Officials Overview - Yucaipa Performing Arts Center, 12062 California Street, Yucaipa, California - **Tentative date and location.***
 - B. Wednesday, June 26, 2019 at 10:00 am - Workshop
 - C. Wednesday, July 24, 2019 at 10:00 am - Board Meeting
 - D. Wednesday, August 28, 2019 at 10:00 am - Workshop
 - E. Wednesday, September 25, 2019 at 10:00 am - Workshop
 - F. Wednesday, October 23, 2019 at 10:00 am - Board Meeting
 - G. *Wednesday, October 30, 2019 at 6:00 pm - Public Meeting No. 1 - Yucaipa Performing Arts Center, 12062 California Street, Yucaipa, California - **Tentative date and location.***
 - H. Wednesday, January 22, 2020 at 10:00 am - Board Meeting
- X. **Adjournment**

Roll Call - Board of Directors

	Present	Primary Representative	Present	Alternative Representative
Purveyors				
South Mesa Water Company		David Armstrong		George Jorritsma
South Mountain Water Company		Bob Martin		Rolland Moore
Western Heights Water Company		Mark Iverson		Tim Green
Yucaipa Valley Water District		Joseph Zoba		Jennifer Ares
Municipals				
City of Redlands		Cecilia Griego		- -
City of Yucaipa		Ray Casey		Fermin Preciado
Regionals				
San Bernardino Valley MWD		Doug Headrick		Bob Tincher
San Gorgonio Pass Water Agency		Jeff Davis		Leonard Stephenson
* Quorum of the Board of Directors requires a total of five Purveyor, Municipal, Regional Members				
Stakeholders				
County of Riverside		Steve Horn		Jeff Johnson
County of San Bernardino		Bob Page		- -
City of Calimesa		Lori Askew		Bonnie Johnson

Future Dates and Milestones

The dates provided below are subject to change.

Presentation of the Goals and Objectives of the Groundwater Sustainability Plan to Elected Officials	Wednesday, June 19, 2019
Public Presentation of the Goals and Objectives of the Groundwater Sustainability Plan - Meeting Number 1	Wednesday, October 30, 2019
Distribution of the Administrative Draft of the Yucaipa SGMA Groundwater Sustainability Plan	Monday, July 20, 2019
Release of the Draft Yucaipa SGMA Groundwater Sustainability Plan for Public Comment	Monday, January 18, 2021
Final Groundwater Sustainability Plan Submitted to the Department of Water Resources for Review and Approval	Monday, May 24, 2021

MINUTES OF THE YUCAIPA SUSTAINABLE GROUNDWATER MANAGEMENT AGENCY

April 24, 2019 - 10:00 a.m.

City of Yucaipa, 34272 Yucaipa Boulevard, Yucaipa, California

I. Call to Order - Chairman Mark Iverson called the meeting to order at 10:00 a.m.

II. Roll Call - The following representatives, as assigned by each Party, attended the meeting:

Purveyors	Present	Primary Representative	Present	Alternative Representative
South Mesa Water Company	✓	David Armstrong	✓	George Jorritsma
South Mountain Water Company		Bob Martin	✓	Rolland Moore
Western Heights Water Company	✓	Mark Iverson	✓	Tim Green
Yucaipa Valley Water District	✓	Joseph Zoba	✓	Jennifer Ares
Municipals				
City of Redlands	✓	Cecilia Griego	✓	Kevin Watson
City of Yucaipa		Ray Casey	✓	Fermin Preciado
Regionals				
San Bernardino Valley MWD		Doug Headrick		Bob Tincher
San Gorgonio Pass Water Agency		Jeff Davis	✓	Leonard Stephenson
Stakeholders				
County of Riverside		Steve Horn		Jeff Johnson
County of San Bernardino		Bob Page		
City of Calimesa		Lori Askew		Bonnie Johnson

A quorum of the Board of Directors was present to start the meeting. Representatives from the City of Redlands arrived prior to discussion item VI.C.

III. Introductions of Board Members and Public Participants - In addition to the Board of Directors identified above, the following members of the public attended the meeting.

- Zoe Carlson - Dudek
- Derek Hoffman, Attorney representing South Mesa Mutual Water Company
- Tim Kellett, San Bernardino Valley Municipal Water District
- Paul Kielhold - San Bernardino Valley Municipal Water District
- Bob Ohlund, Dudek
- Mike Podegraz, Charles Abbott Associates (City of Yucaipa)
- Bob Zappia - Western Heights Water Company

IV. Public Comments - There were no public comments.

V. Review and Approval of Meeting Minutes

A. Approval of Meeting Minutes of March 27, 2019

Joseph Zoba moved to approve the meeting minutes of March 27, 2019. Fermin Preciado seconded the motion. The Board of Directors unanimously approved the motion.

VI. Discussion Items

A. Discussion Regarding the Preparation of a Groundwater Sustainability Plan

Tim Kellett stated that the data request from Dudek has been completed.

At the next meeting, there will be a discussion about the groundwater model to discuss the USGS calibration issues related to the storage capacity of the groundwater study area.

B. Status Report on the Sustainable Groundwater Management Act Grant and Financial Status

Tim Kellett reported that the first progress report will be submitted to the Department of Water Resources this week.

C. Discussion Regarding the Outreach Efforts for the Yucaipa Sustainable Groundwater Management Agency

Zoe Carlson presented the proposed outreach and engagement concepts for the Yucaipa Sustainable Groundwater Management Agency. The proposed outreach plan will be presented for approval at the meeting on May 22, 2019.

VII. Topics for Future Meetings - Mark Iverson discussed adding the following topics to discuss in the future:

- Review the conceptual model and calibration issues - May 2019
- Discuss potential recharge projects to be included in the groundwater model - May 2019
- Review the potential project criteria - August 2019

VIII. Comments by the Board of Directors - There were no comments from the board members.

IX. Announcements - The next meeting of the Yucaipa Sustainable Groundwater Management Agency will be a Board Meeting on Wednesday, May 22, 2019 at 10:00 a.m.

X. Adjournment - The meeting was adjourned at 10:40 a.m.

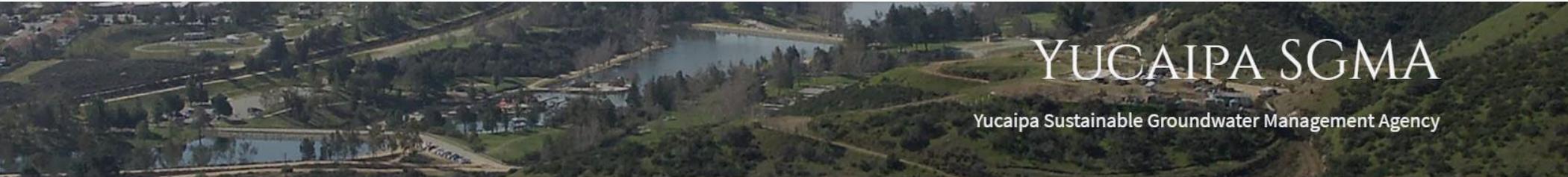
Yucaipa SGMA GSP Development

Steven Stuart, Dudek
May 22, 2019

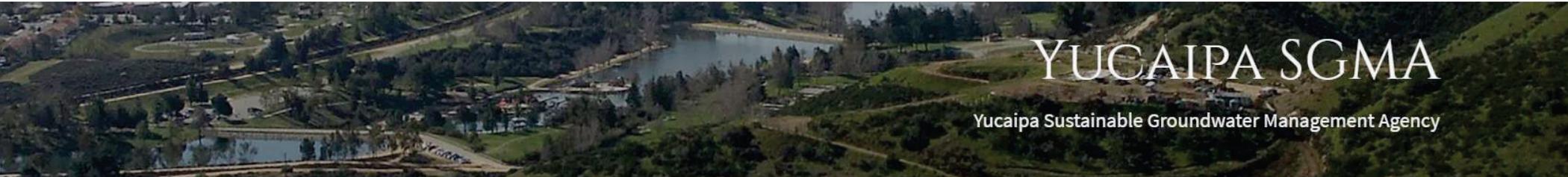
DUDEK

Outline for Today

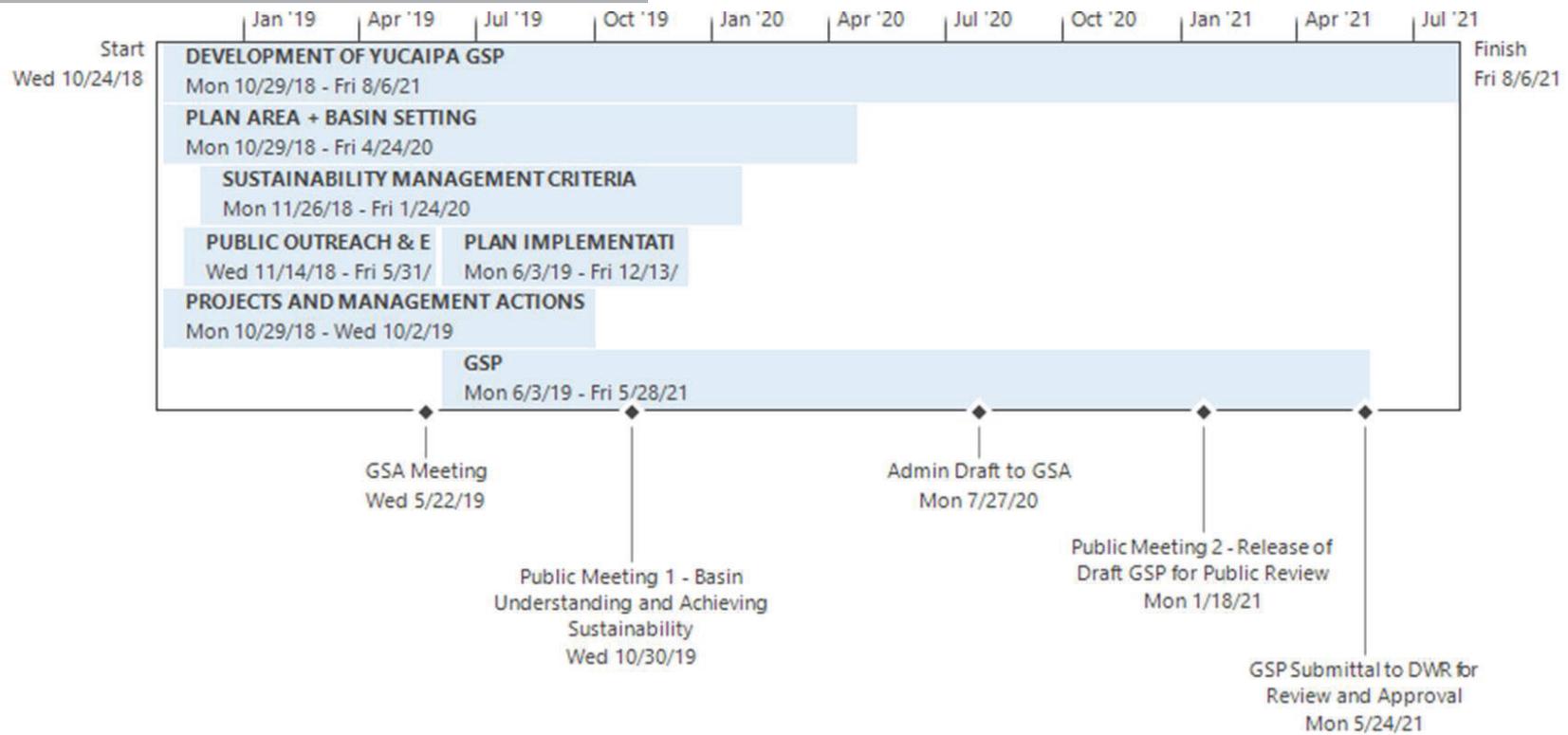
- ✓ Phases of SGMA
- ✓ Project Schedule
- ✓ Sustainability Criteria
- ✓ Draft Figures for *Plan Area and Basin Setting* Chapter in GSP
- ✓ Budget Update



Phases of SGMA



GSP Development Schedule

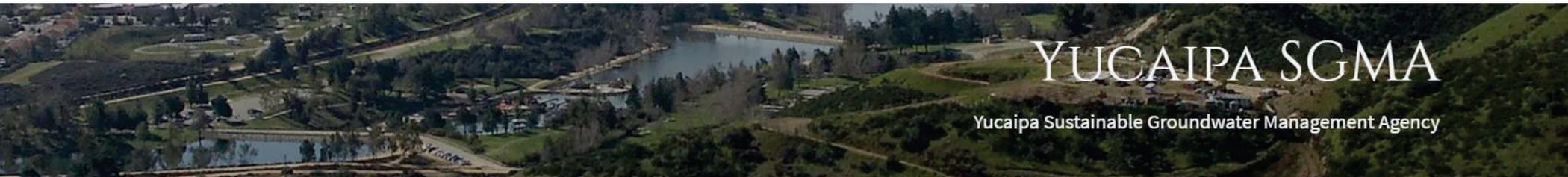
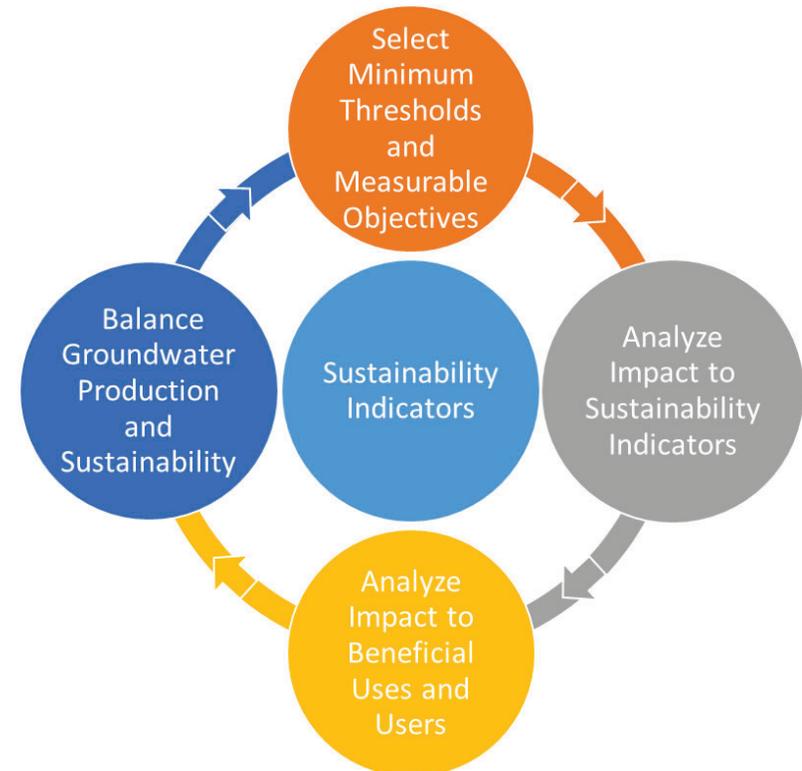


YUCAIPA SGMA

Yucaipa Sustainable Groundwater Management Agency

SGMA Sustainability

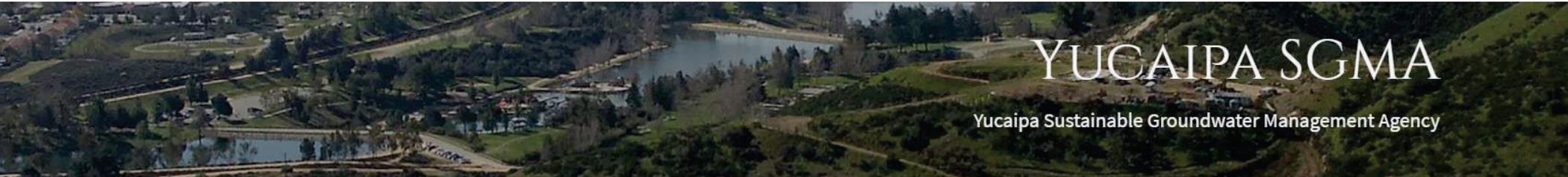
- SGMA Core:
 - **Sustainability Indicators**
- Basin management will be based on **measurable objectives** and **minimum thresholds** defined to prevent significant and unreasonable impacts to the sustainability indicators



SGMA Sustainability

SUSTAINABILITY INDICATORS

-  Groundwater elevation
-  Groundwater in storage
-  Groundwater quality
-  Land Subsidence
-  Interconnected surface water and groundwater
-  Seawater Intrusion



YUCAIPA SGMA

Yucaipa Sustainable Groundwater Management Agency

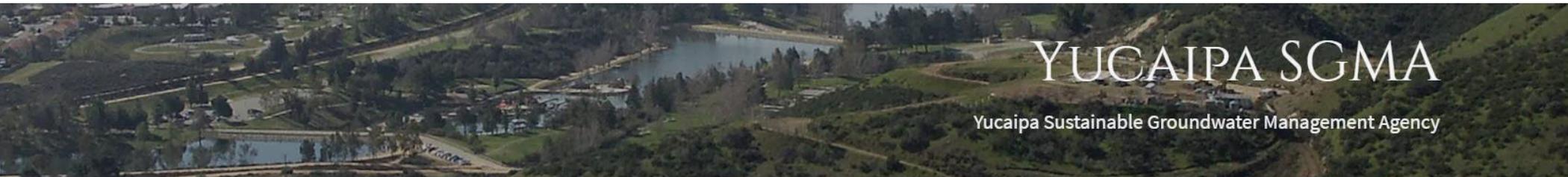
Figures in *Plan Area and Basin Setting* Chapter in GSP

BASIN DESCRIPTIONS

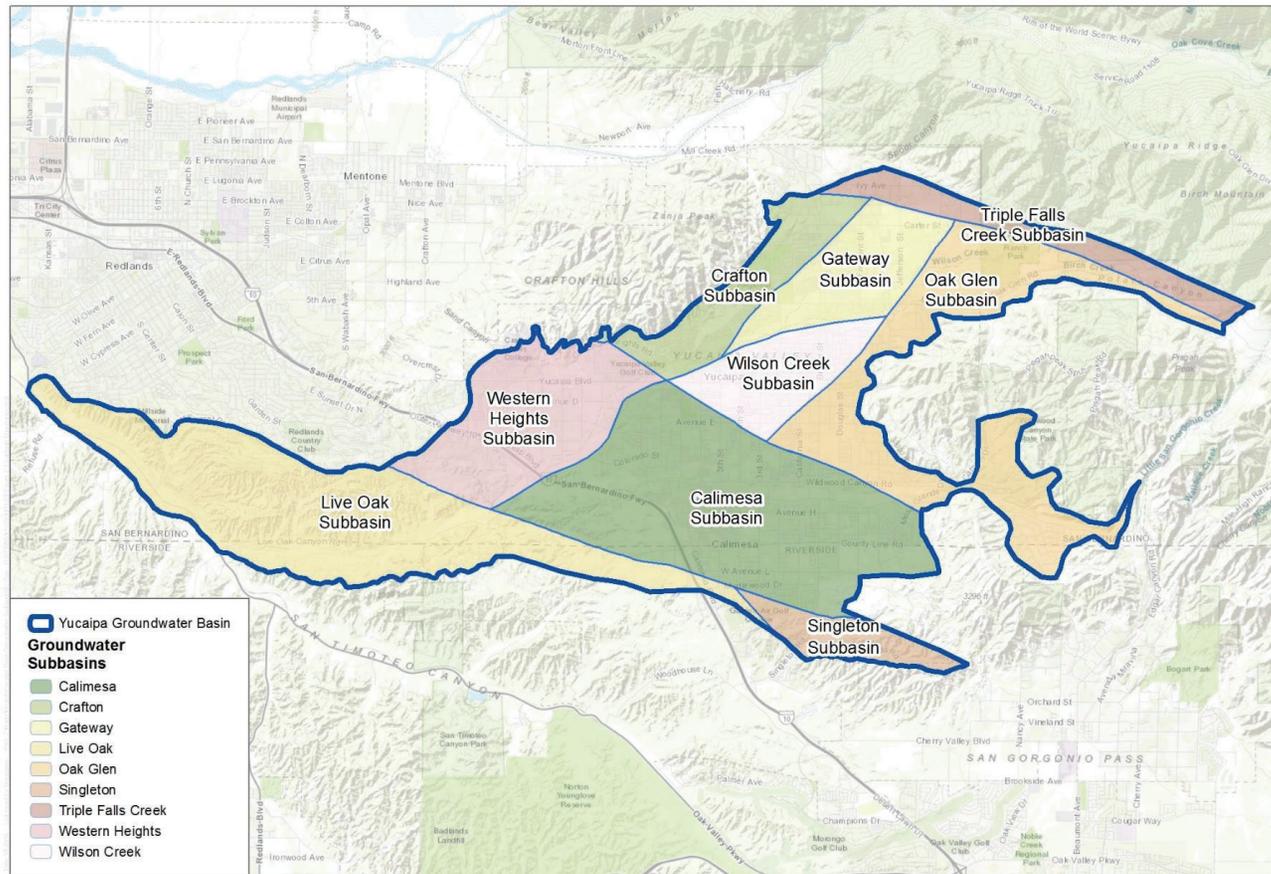
- ✓ Sub-Basin Boundaries
- ✓ Jurisdictional Boundaries
- ✓ Existing Land Uses
- ✓ Disadvantaged Communities
- ✓ Density of Wells
- ✓ Groundwater Dependent Ecosystems

GEOLOGY & HYDROGEOLOGY

- ✓ Topography with Surficial Geology
- ✓ Surface Water Bodies and Geological Cross-Sections Lines
- ✓ Geological Cross-Sections
- ✓ 3D Conceptual Model



Sub-Basin Boundaries



SOURCE: ESRI, Geoscience 2018

DRAFT

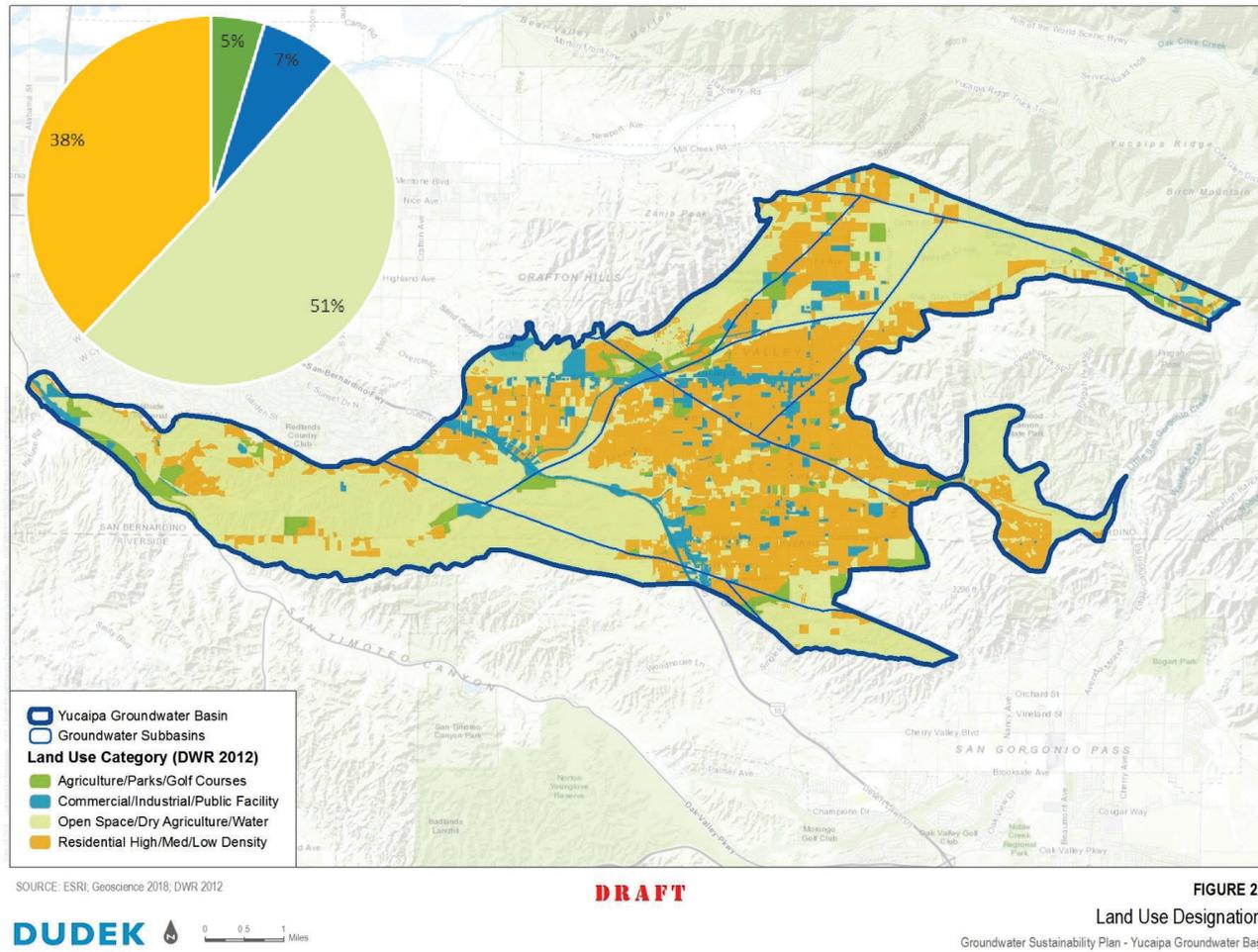
FIGURE 2-3

Subbasin Boundaries

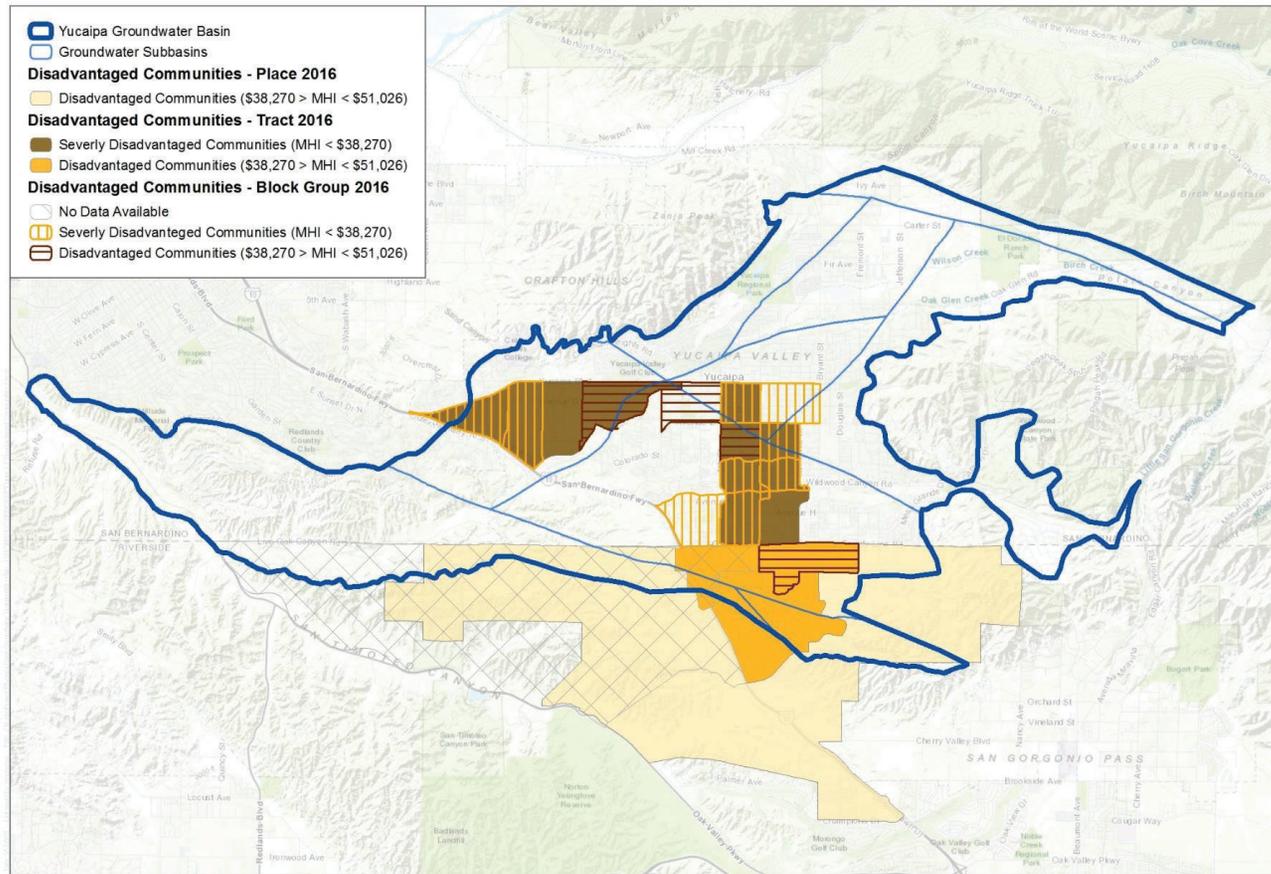
Groundwater Sustainability Plan - Yucaipa Groundwater Basin



Existing Land Uses (2012)



Disadvantaged Communities



SOURCE: ESRI, DWR 2019
 Note: MHI = Mean Household Income



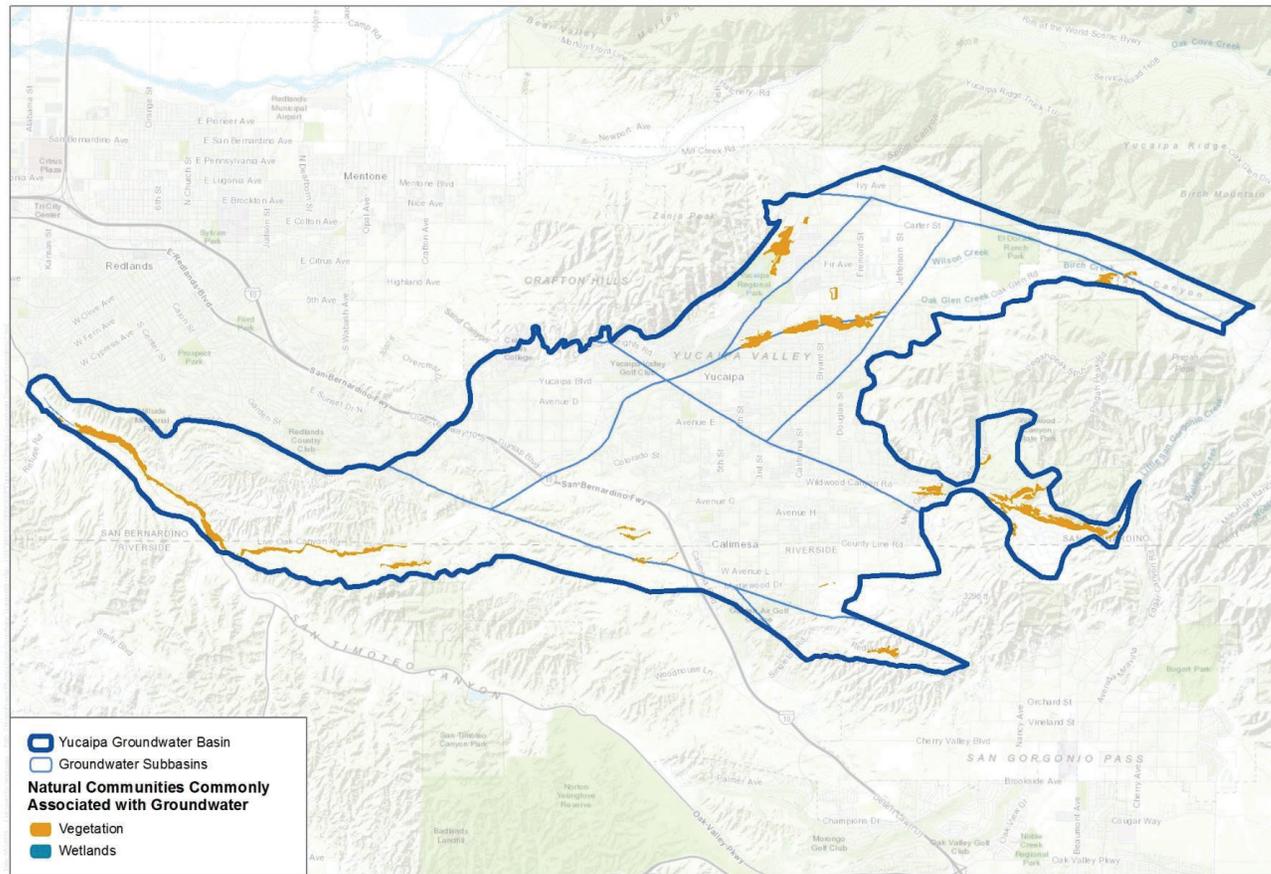
DRAFT

FIGURE 2-7

Disadvantaged Communities

Groundwater Sustainability Plan - Yucaipa Groundwater Basin

Groundwater Dependent Ecosystems



SOURCE: ESRI, DWR 2018

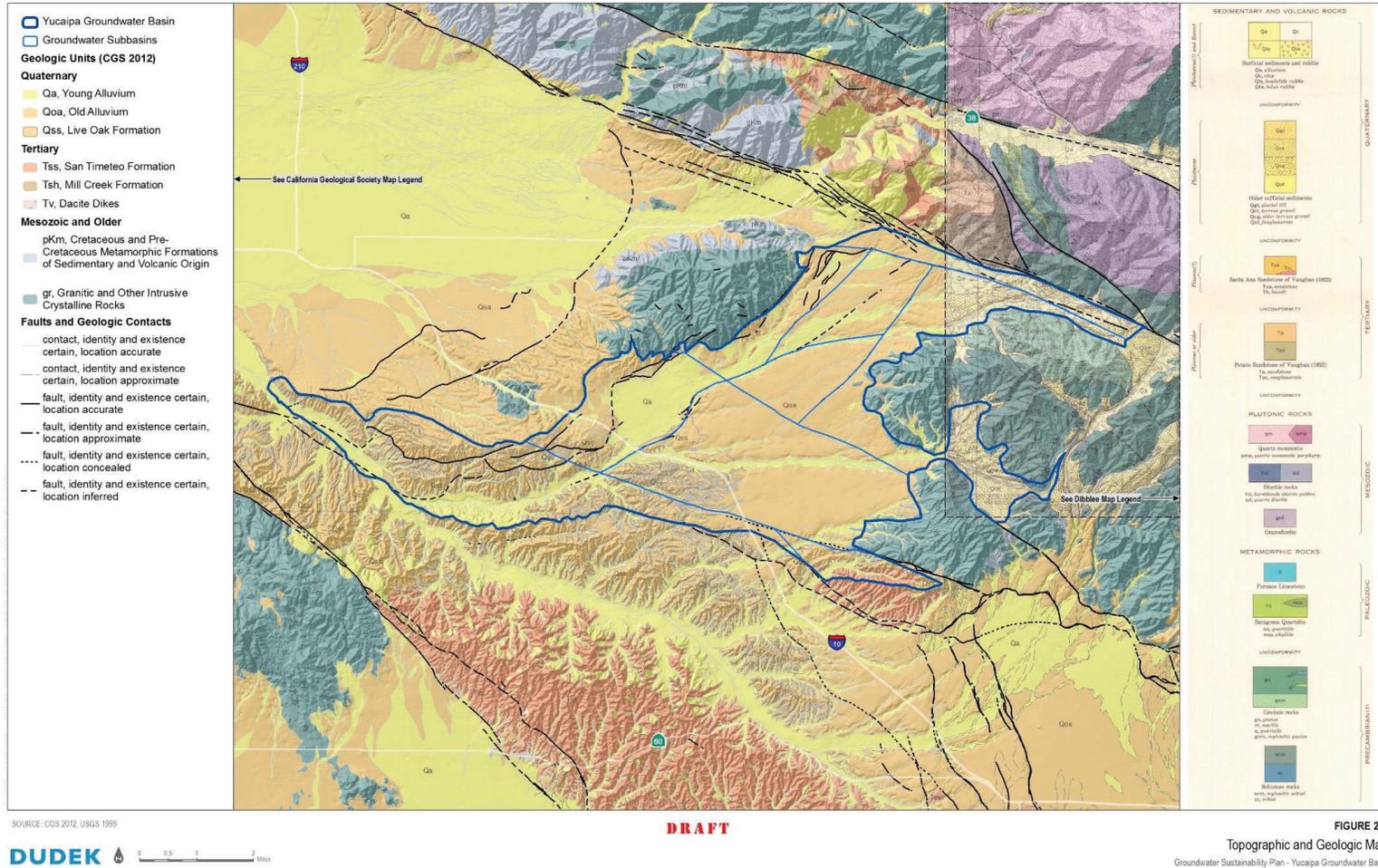
DRAFT

FIGURE 2-15

Potential Groundwater Dependent Ecosystems
Groundwater Sustainability Plan - Yucaipa Groundwater Basin



Topography with Surficial Geology



Surface Water Bodies and Geological Cross-Sections

LEGEND

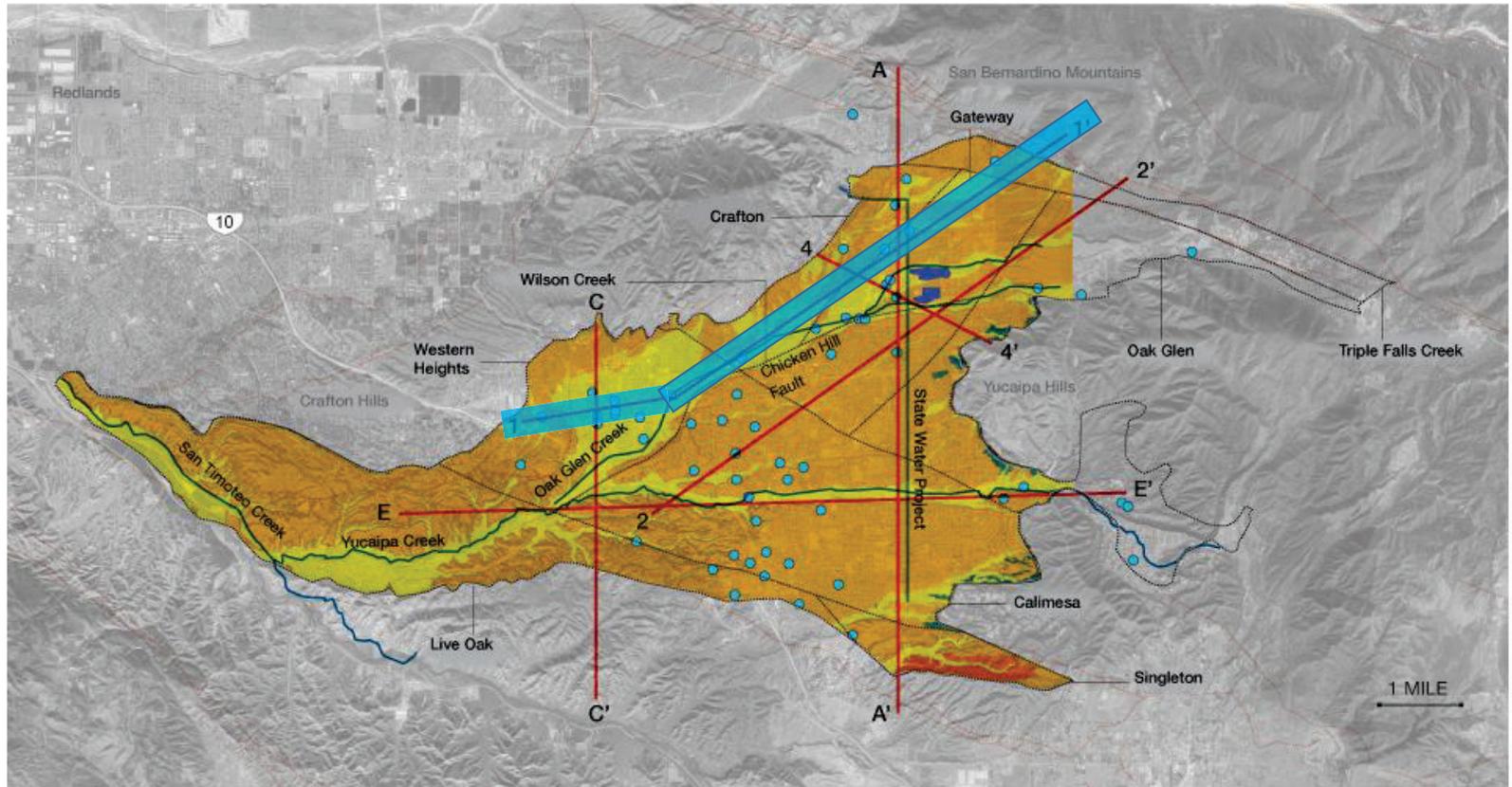
-  Subbasin borders
-  Fault Zones
-  Groundwater Production Wells
-  Cross-sections

Geology

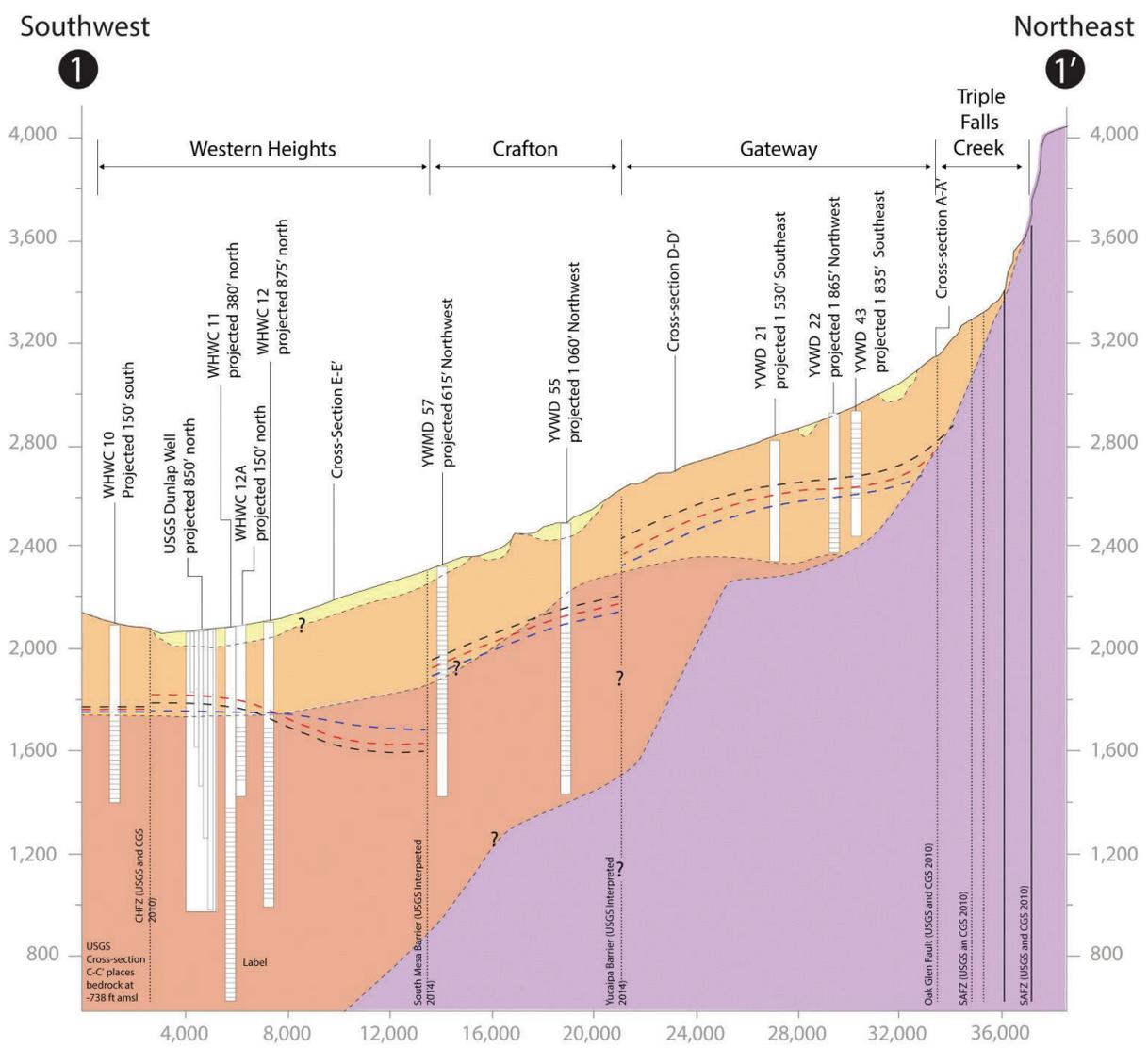
-  Qa, Young Alluvium
-  Qoa, Older Alluvium
-  Qss, Live Oak Formation
-  Tss, San Timoteo Formation
-  pKm, Metamorphic formations
-  gr, Granite and Crystalline rocks

Spreading Basins

-  Wilson Creek
-  Oak Glen



DRAFT



- LEGEND**
- Well Casing
 - Blank
 - Screen
 - Groundwater level
 - 1998
 - 2007
 - 2018
 - Cross-section layers
 - Younger Alluvium
 - Older Alluvium
 - San Timoteo Formation
 - Bedrock
 - Layer Boundaries

DRAFT

Surface Water Bodies and Geological Cross-Sections

LEGEND

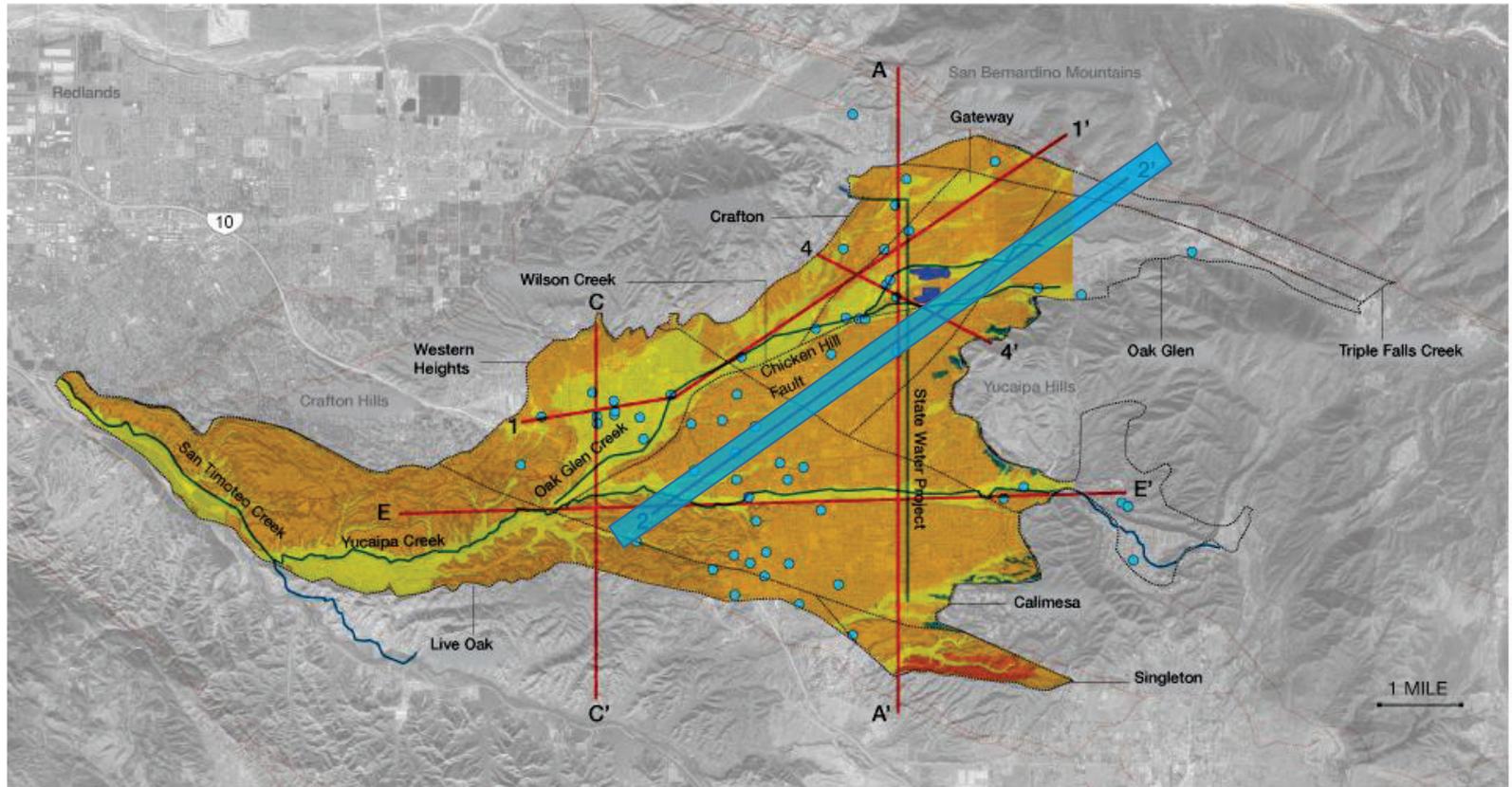
-  Subbasin borders
-  Fault Zones
-  Groundwater Production Wells
-  Cross-sections

Geology

-  Qa, Young Alluvium
-  Qoa, Older Alluvium
-  Qss, Live Oak Formation
-  Tss, San Timoteo Formation
-  pKm, Metamorphic formations
-  gr, Granite and Crystalline rocks

Spreading Basins

-  Wilson Creek
-  Oak Glen



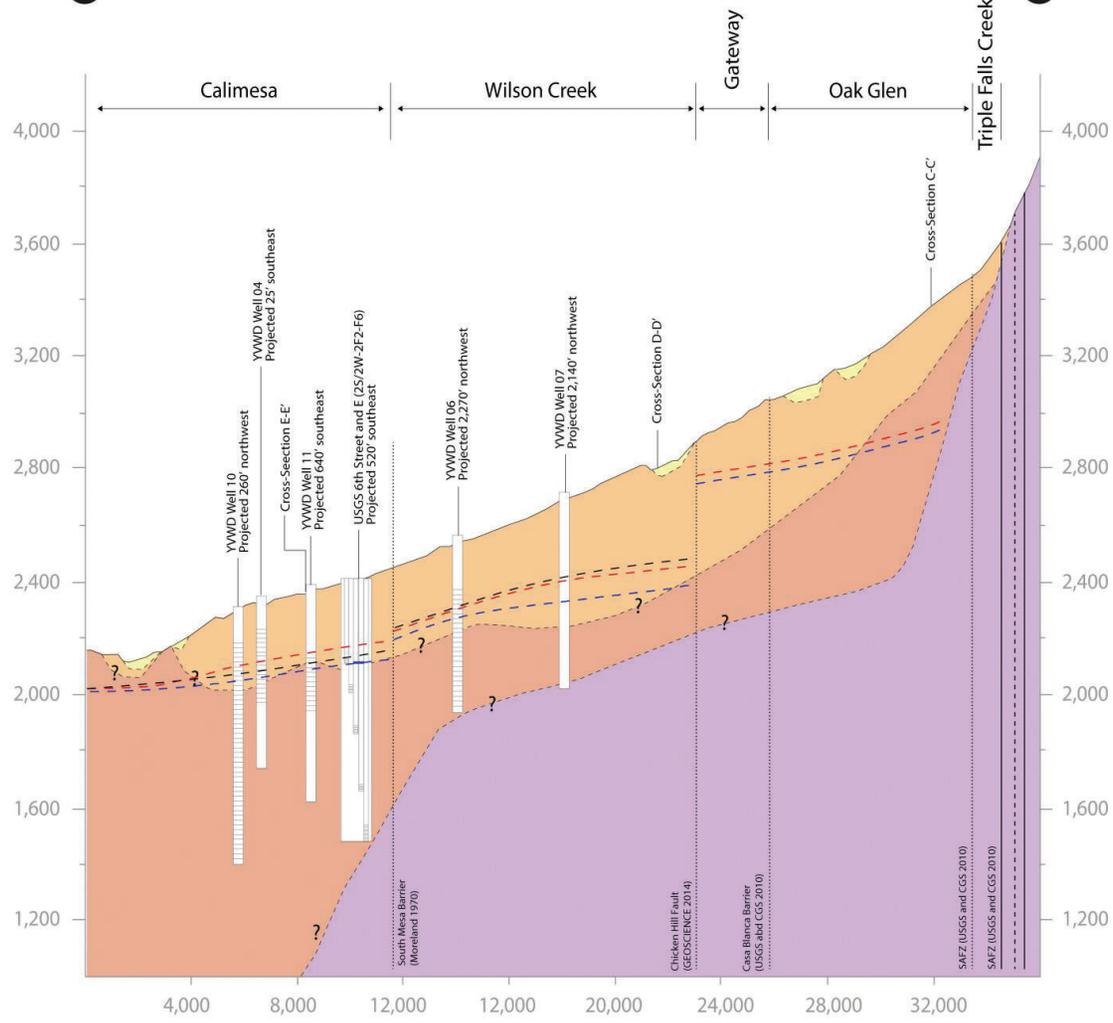
DRAFT

Southwest

2

Northeast

2'



LEGEND

Well Casing

- Blank
- Screen

Groundwater level

- 1998
- 2007
- 2018

Cross-section layers

- Younger Alluvium
- Older Alluvium
- San Timoteo Formation
- Bedrock
- Layer Boundaries

DRAFT

Surface Water Bodies and Geological Cross-Sections

LEGEND

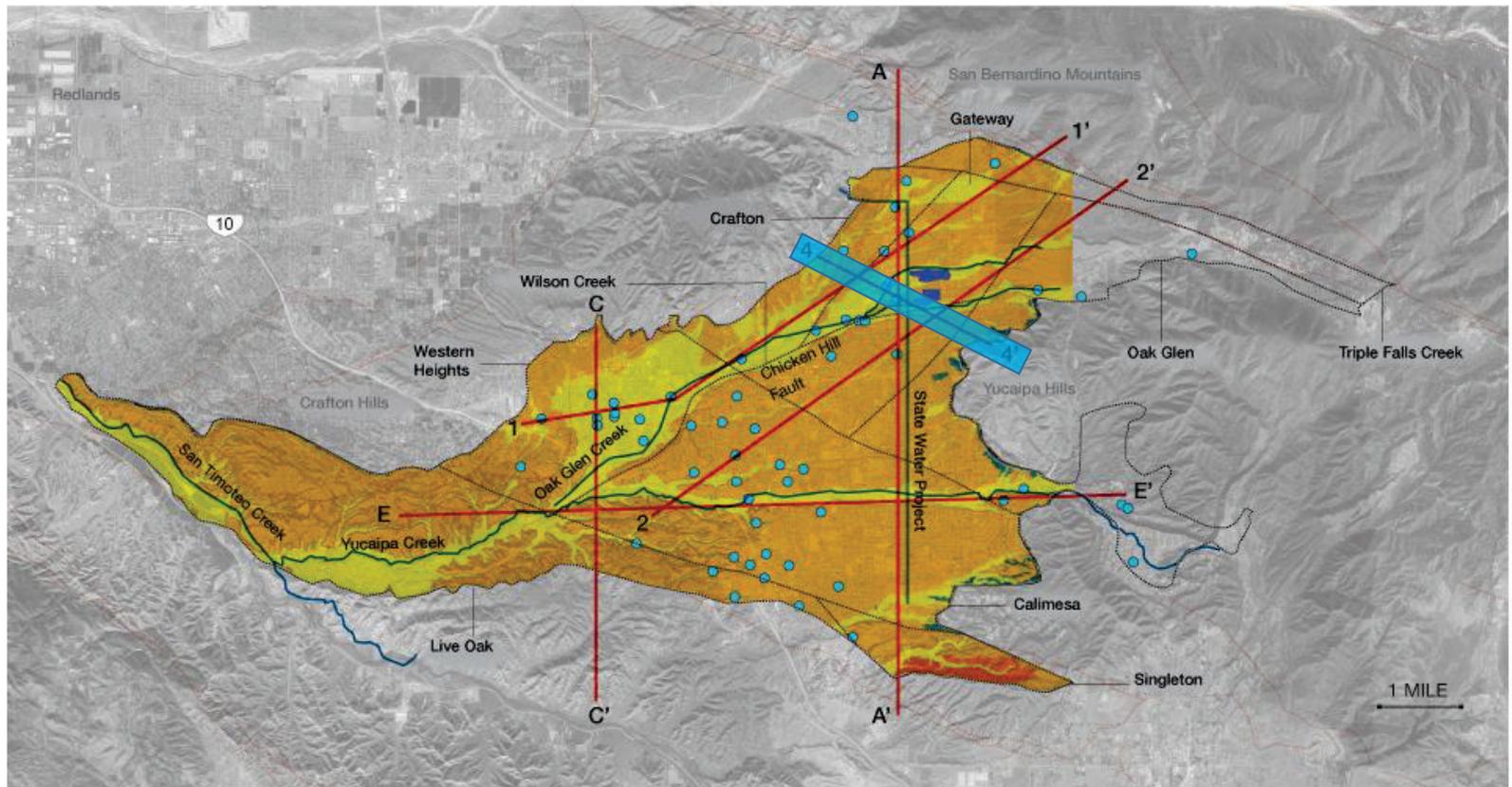
-  Subbasin borders
-  Fault Zones
-  Groundwater Production Wells
-  Cross-sections

Geology

-  Qa, Young Alluvium
-  Qoa, Older Alluvium
-  Qss, Live Oak Formation
-  Tss, San Timoteo Formation
-  pKm, Metamorphic formations
-  gr, Granite and Crystalline rocks

Spreading Basins

-  Wilson Creek
-  Oak Glen



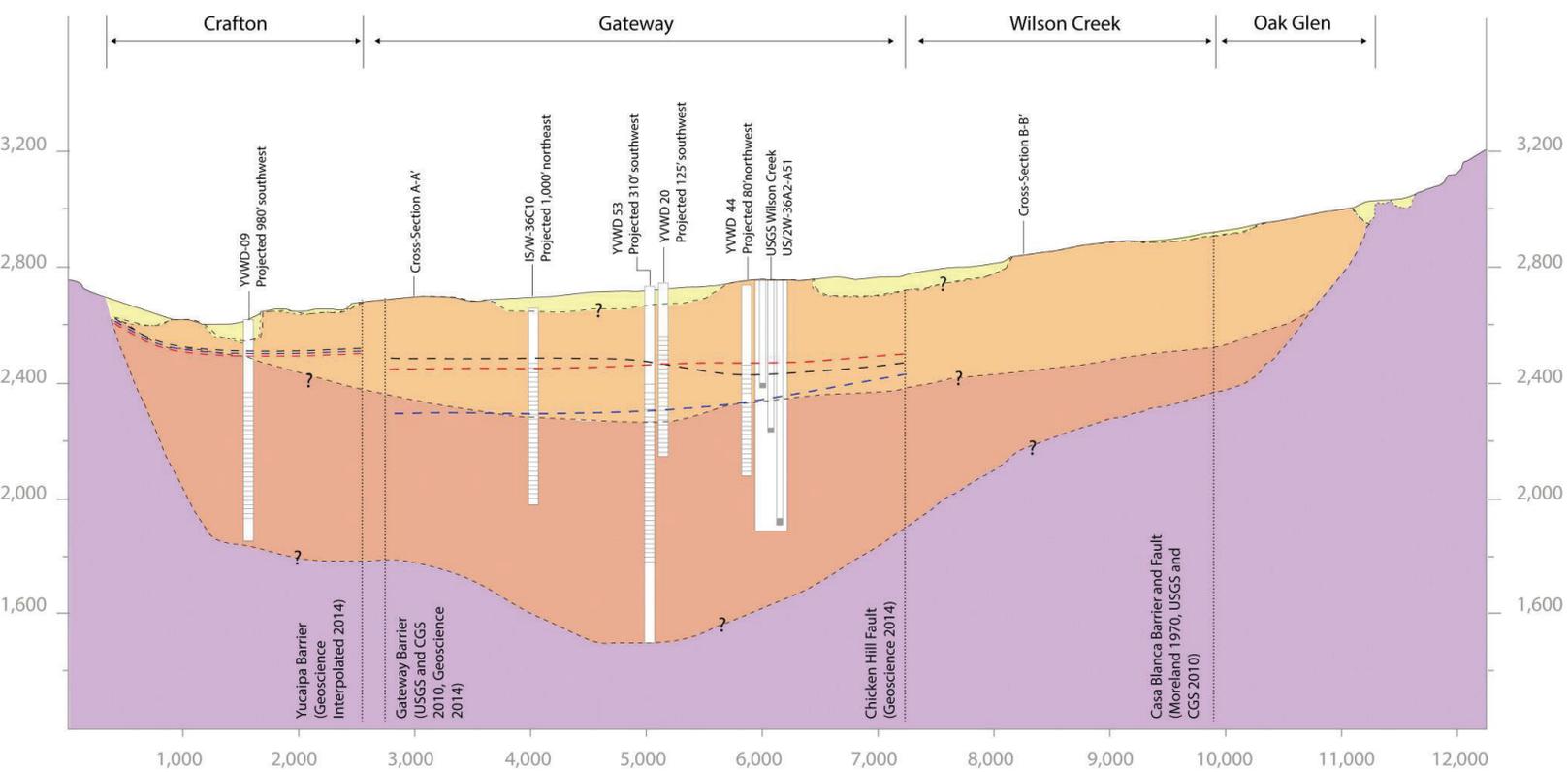
DRAFT

Northwest

4

Southeast

4



LEGEND

Well Casing

- Blank
- Screen

Groundwater level

- 1998
- 2007
- 2018

Cross-section layers

- Younger Alluvium
- Older Alluvium
- San Timoteo Formation
- Bedrock
- Layer Boundaries

DRAFT

Surface Water Bodies and Geological Cross-Sections

LEGEND

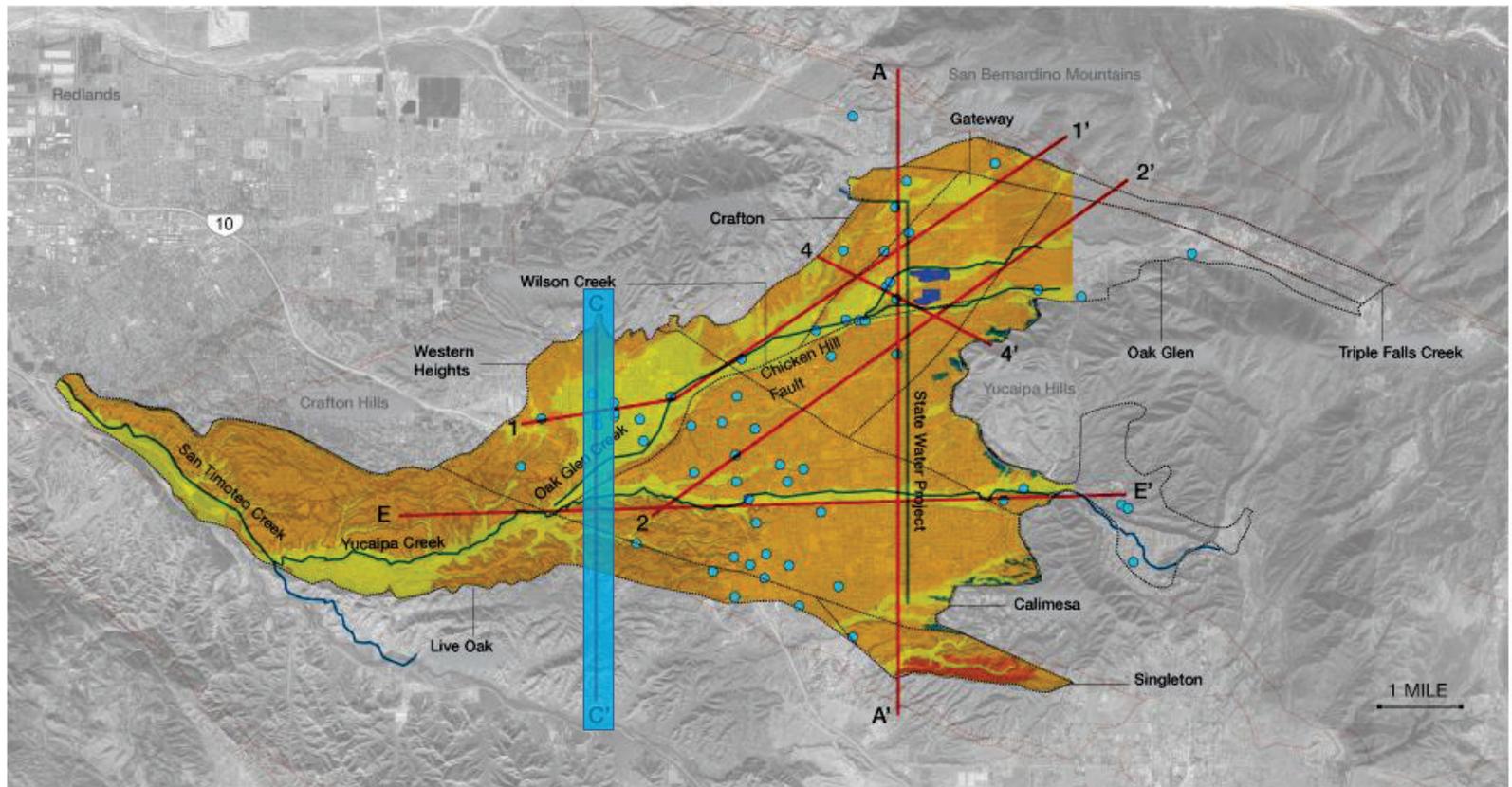
-  Subbasin borders
-  Fault Zones
-  Groundwater Production Wells
-  Cross-sections

Geology

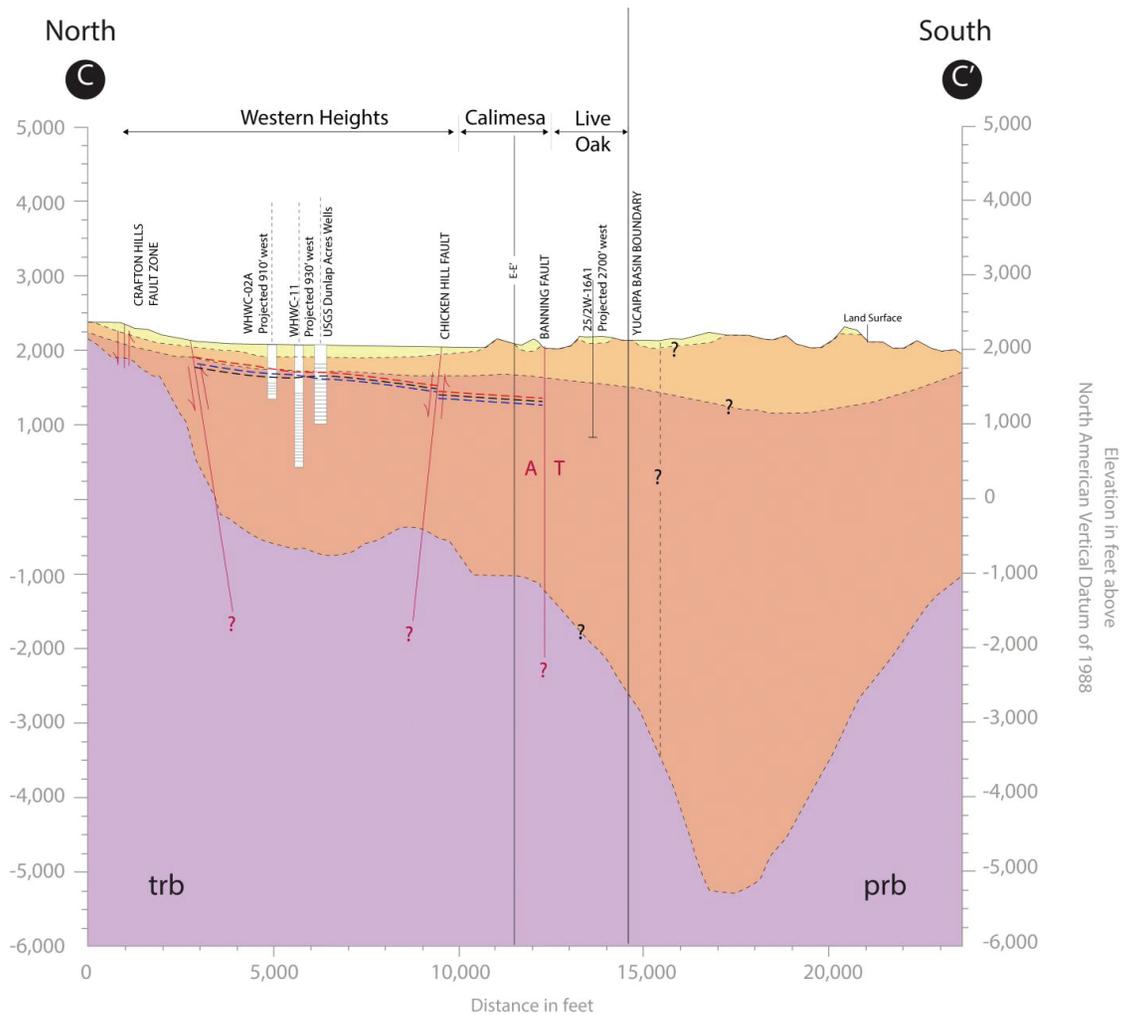
-  Qa, Young Alluvium
-  Qoa, Older Alluvium
-  Qss, Live Oak Formation
-  Tss, San Timoteo Formation
-  pKm, Metamorphic formations
-  gr, Granite and Crystalline rocks

Spreading Basins

-  Wilson Creek
-  Oak Glen



DRAFT



LEGEND

Well Casing

- Blank
- Screen

Groundwater level

- 1998
- 2007
- 2018

Cross-section layers

- Younger Alluvium
- Older Alluvium
- San Timoteo Formation
- Bedrock
- Layer Boundaries

Surface Water Bodies and Geological Cross-Sections

LEGEND

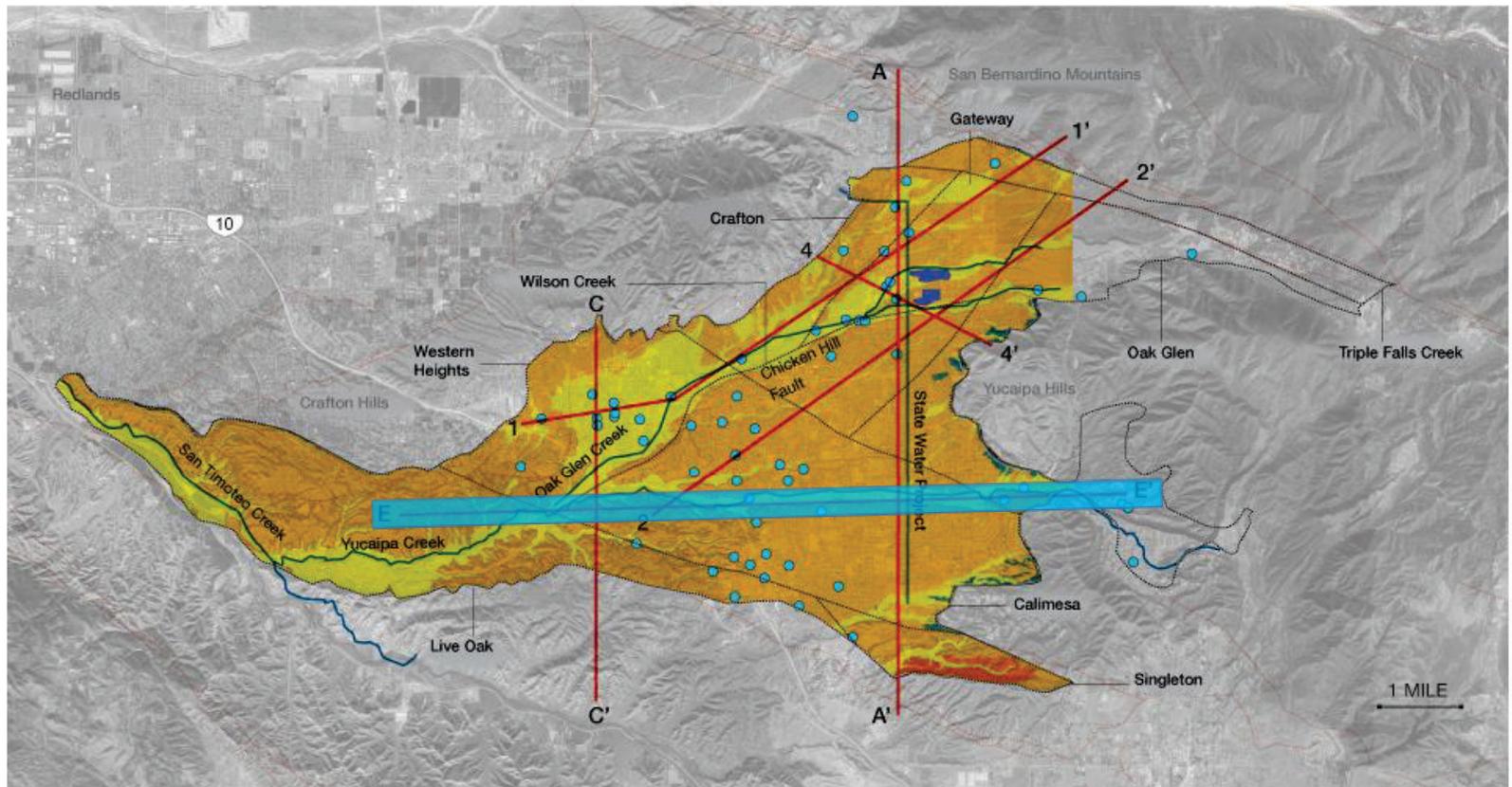
-  Subbasin borders
-  Fault Zones
-  Groundwater Production Wells
-  Cross-sections

Geology

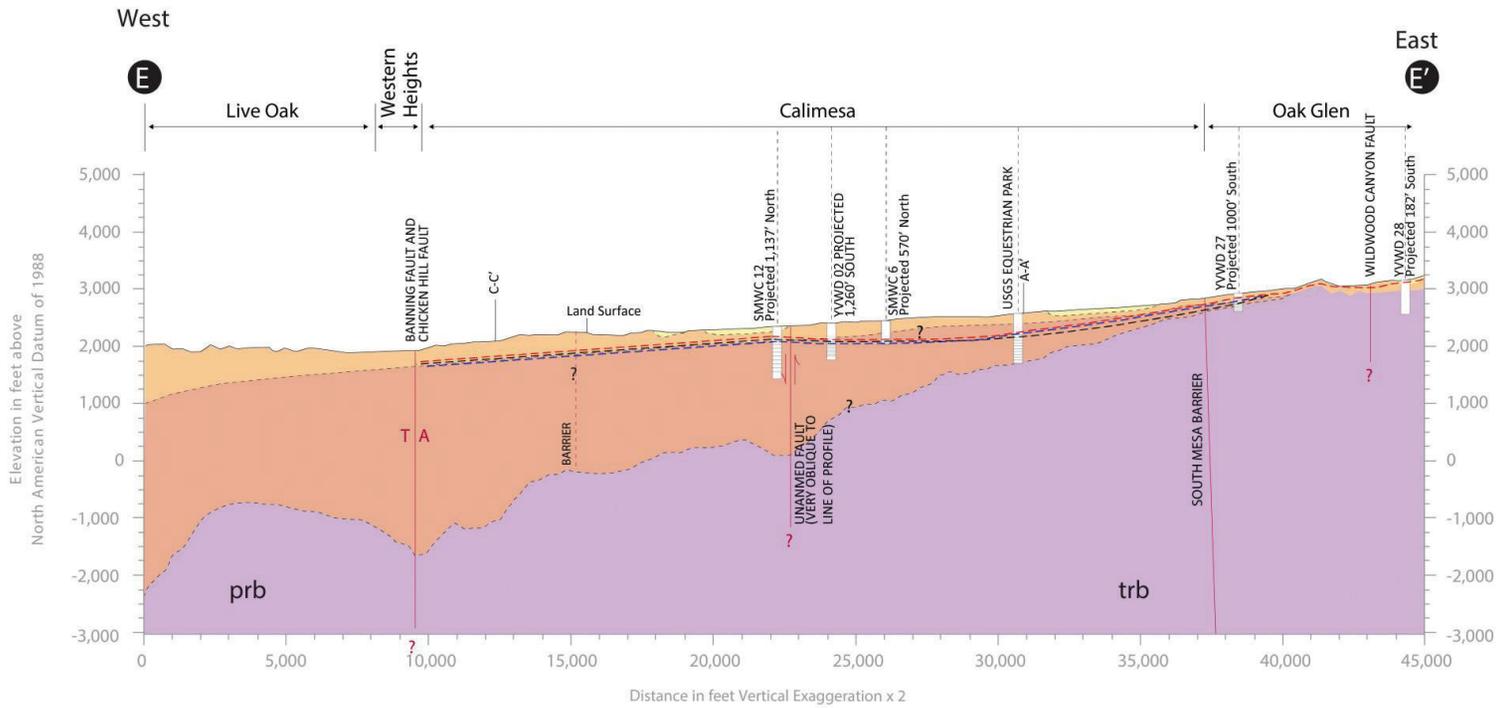
-  Qa, Young Alluvium
-  Qoa, Older Alluvium
-  Qss, Live Oak Formation
-  Tss, San Timoteo Formation
-  pKm, Metamorphic formations
-  gr, Granite and Crystalline rocks

Spreading Basins

-  Wilson Creek
-  Oak Glen



DRAFT



LEGEND

Well Casing

-  Blank
-  Screen

Groundwater level

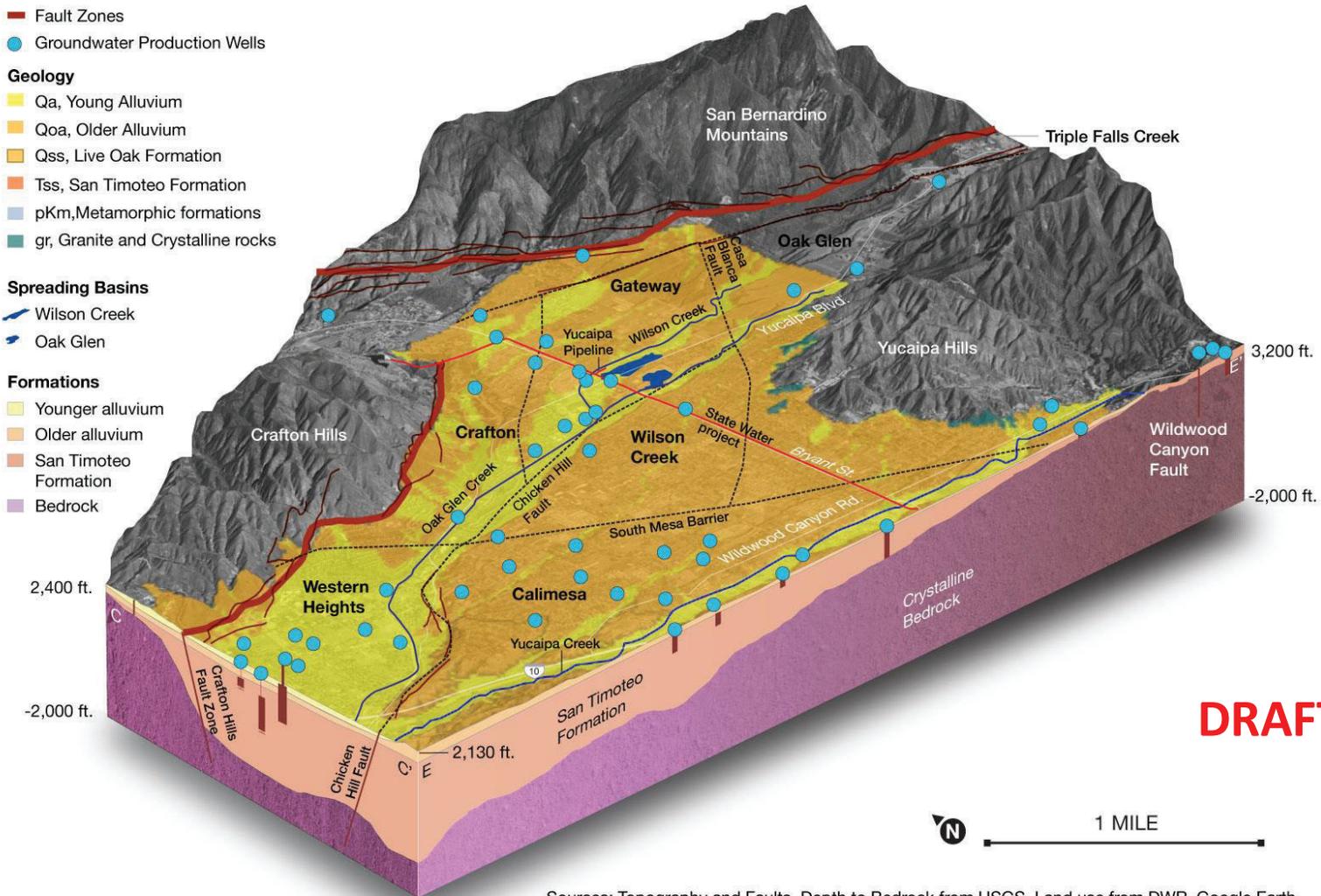
-  1998
-  2007
-  2018

Cross-section layers

-  Younger Alluvium
-  Older Alluvium
-  San Timoteo Formation
-  Bedrock
-  Layer Boundaries

LEGEND

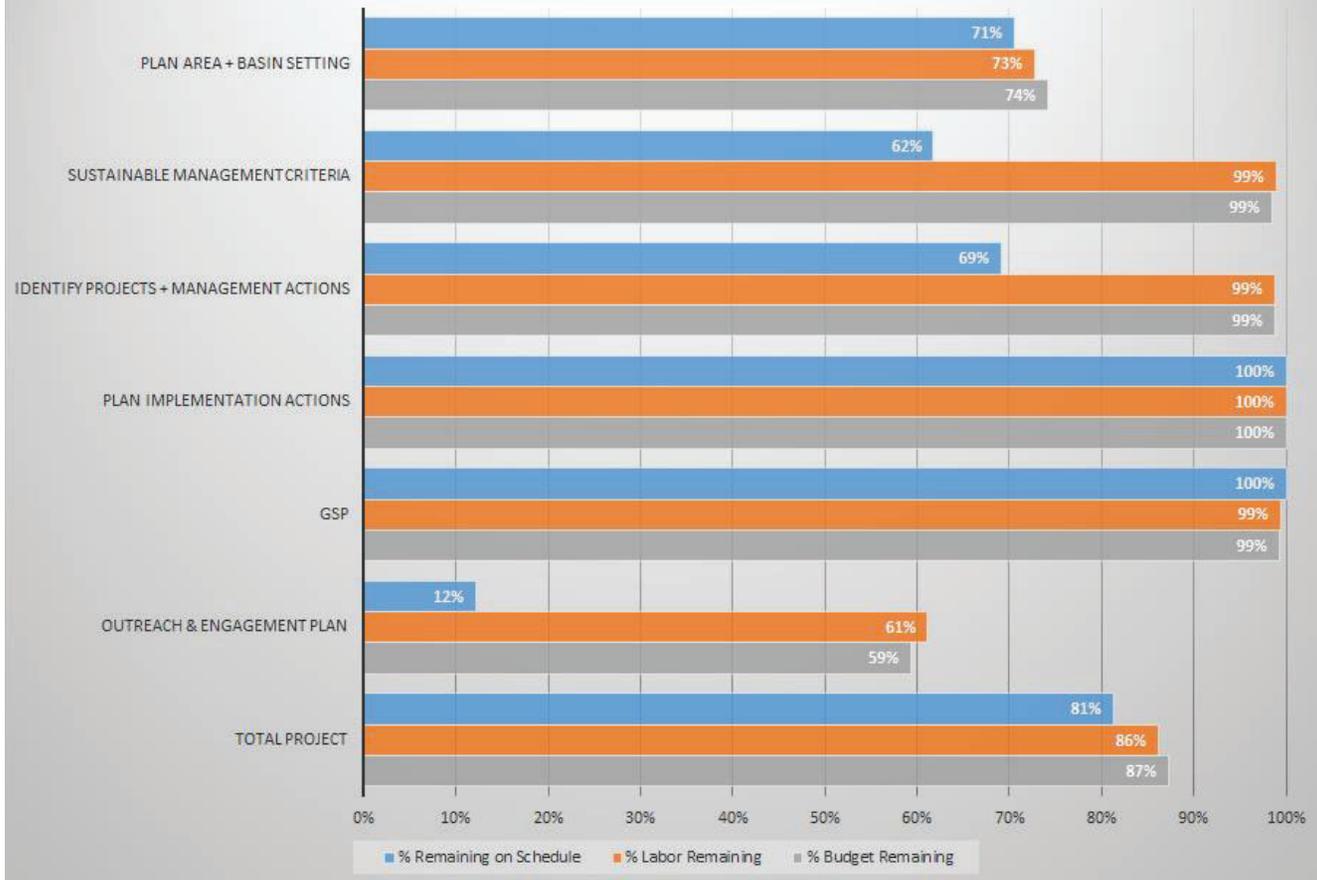
- Subbasin borders
- Fault Zones
- Groundwater Production Wells
- Geology**
- Qa, Young Alluvium
- Qoa, Older Alluvium
- Qss, Live Oak Formation
- Tss, San Timoteo Formation
- pKm, Metamorphic formations
- gr, Granite and Crystalline rocks
- Spreading Basins**
- Wilson Creek
- Oak Glen
- Formations**
- Younger alluvium
- Older alluvium
- San Timoteo Formation
- Bedrock



DRAFT

Sources: Topography and Faults, Depth to Bedrock from USGS, Land use from DWR, Google Earth

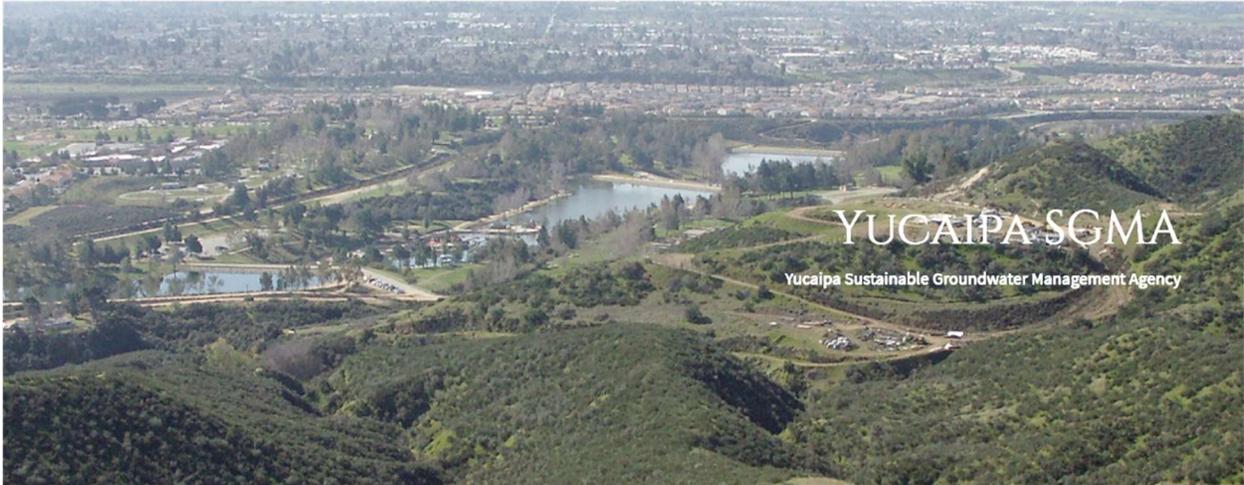
Yucaipa GSP Development (as of 4/26/2019)



Thank You

QUESTIONS?

The logo for DUDEK, featuring the word "DUDEK" in a bold, white, sans-serif font. The text is positioned on the right side of a decorative horizontal bar at the bottom of the slide. This bar is composed of several overlapping, semi-transparent shapes in various shades of blue and green.



DRAFT

PUBLIC OUTREACH AND ENGAGEMENT PLAN

Prepared for:

Yucaipa Sustainable Groundwater Management Agency
YucaipaSGMA.org

Prepared by:

DUDEK

605 Third Street
Encinitas, California 92024

May 2019

Public Outreach and Engagement Plan

TABLE OF CONTENTS

GLOSSARY OF TERMS/ABBREVIATIONS	IV
1 BACKGROUND OF THE SUSTAINABLE GROUNDWATER MANAGEMENT ACT.....	1
1.1 Sustainable Groundwater Management Act Requirements for Stakeholder Engagement	2
2 YUCAIPA SUBBASIN AND GSA FORMATION	3
2.1 Yucaipa SGMA and GSA Decision Making Process	4
3 YUCAIPA SUBBASIN GSP	4
4 PURPOSE OF THE DOCUMENT	5
5 OPPORTUNITIES FOR PUBLIC INVOLVEMENT AND ENGAGEMENT	6
5.1 Meeting Opportunities	6
5.1.1 Public Notices	6
5.2 Collaborative Opportunities	6
Purveyors	7
5.2.1 South Mesa Mutual Water Company	7
5.2.2 South Mountain Water Company.....	7
5.2.3 Western Heights Water Company	7
5.2.4 Yucaipa Valley Water District	8
Municipalities	8
5.2.5 City of Redlands	8
5.2.6 City of Yucaipa	8
Regionals.....	8
5.2.7 San Bernardino Valley Municipal Water District.....	8
5.2.8 San Gorgonio Pass Water Agency	9
Stakeholders.....	9
5.2.9 City of Calimesa	9
5.2.10 County of Riverside	9
5.2.11 County of San Bernardino	9
5.3 Opportunities for Tribal Communities.....	9
5.4 Disadvantaged Communities	10
5.5 Stakeholder Email List.....	13
5.6 Online Resources	13
6 CONTACT US.....	13

Public Outreach and Engagement Plan

FIGURES

Figure 1: Tribal Trust Lands	11
Figure 2: Disadvantaged Communities	12

Public Outreach and Engagement Plan

GLOSSARY OF TERMS/ABBREVIATIONS

Acronym/Abbreviation	Definition
Yucaipa SGMA	Yucaipa Sustainable Groundwater Management Agency
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
DWR	California Department of Water Resources
TAG	Technical Advisory Group
SWRCB	State Water Resources Control Board
SMMWC	South Mesa Mutual Water Company
SMWC	South Mountain Water Company
WHWC	Western Heights Water Company
YVWD	Yucaipa Valley Water District
SBVMWD	San Bernardino Valley Municipal Water District
SGPWA	San Geronio Pass Water Agency
Term	Definition
Aquifer	An underground layer of water-bearing permeable rock, rock fractures or unconsolidated material (gravel, sand, or silt) that yields significant amounts of groundwater to wells or springs (DWR Bulletin 118).
Yucaipa Subbasin	Upper Santa Ana Valley Groundwater Basin, Yucaipa Subbasin, identified as Groundwater Basin Number 8-2.07 in DWR Bulletin 118 – California’s Groundwater
Stakeholder	An individual with interest in the Yucaipa Subbasin GSP
Engagement	Efforts made to understand and involve stakeholders and their concerns in the activities and decision-making of the Yucaipa GSA
Member Agencies	The water purveyors, municipalities and regional water agencies who are members of the Yucaipa Groundwater Sustainability Agency

1 BACKGROUND OF THE SUSTAINABLE GROUNDWATER MANAGEMENT ACT

The Sustainable Groundwater Management Act, signed into law by Governor Jerry Brown on September 16, 2014, created a new framework for groundwater management in California. The framework includes a structure and schedule to achieve sustainable groundwater management within 20 years. The California Department of Water Resources (DWR) has historically managed the state's central repository for groundwater data. Under The Sustainable Groundwater Management Act, DWR provides guidance, financial assistance, and technical support for compliance with state requirements. The State Water Resources Control Board (SWRCB) provides the regulatory backstop under The Sustainable Groundwater Management Act, taking over basin management and assessing fees if local groundwater management is not successful in complying with the requirements of The Sustainable Groundwater Management Act.

The Sustainable Groundwater Management Act established a new structure for local groundwater management through Groundwater Sustainable Agencies (GSAs). The formation of GSAs for all basins that the DWR designated as high and medium priority groundwater basins was required by July 1, 2017. Each GSA for these high and medium priority basins must then develop a Groundwater Sustainability Plan (GSP) that details how sustainable groundwater management will be achieved within 20 years of implementing the GSP. Sustainable groundwater management is defined by The Sustainable Groundwater Management Act as *the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results*. This avoidance of undesirable results is measured through six sustainability indicators:

1. Chronic lowering of groundwater levels indicating a significant and unreasonable depletion of supply if continued over the planning and implementation horizon,
2. Significant and unreasonable reduction of groundwater storage,
3. Significant and unreasonable seawater intrusion,
4. Significant and unreasonable degradation of water quality,
5. Significant and unreasonable land subsidence, and
6. Depletion of interconnected surface water and groundwater that has significant and unreasonable adverse impacts on beneficial uses of the surface water.

The GSP is a tool used to help the GSA sustainably manage the basin. The criteria for sustainable management, including determining what is significant and unreasonable within the parameters of The Sustainable Groundwater Management Act for the

groundwater basin managed by that GSA, must be assessed, with input from stakeholders, before the GSP can be adopted.

1.1 Sustainable Groundwater Management Act Requirements for Stakeholder Engagement

Stakeholder engagement is an important component of any successful long term planning effort. Engaging members of the public in groundwater sustainability planning will improve public understanding of the technical and political considerations the GSA factors into their decision-making process. Participation by the public will also improve the GSA's understanding of the potential impacts of their decisions.

The Sustainable Groundwater Management Act recognized the importance of stakeholder engagement and laid out specific requirements for stakeholder engagement within each of the four phases of The Sustainable Groundwater Management Act:

Phase 1: GSA Formation and Coordination

The following Phase 1 requirements were completed by Yucaipa SGMA in 2017 and 2018:

- Establish and maintain a list of interested parties
- Provide public notice of the GSA formation
- Conduct a GSA formation public hearing
- Notify DWR of the GSA formation
- Provide a written statement to DWR as well as cities and counties within the GSA boundary describing how interested parties may participate in the GSP development.
- Develop GSA website for interested parties

Phase 2: GSP Preparation and Submission

The following Phase 2 requirements will be completed by Yucaipa SGMA by January 31, 2022:

- Submit initial notification.
- Prepare a GSP that considers beneficial uses and users of groundwater when describing undesirable results, minimum thresholds, projects and actions.
- The GSP must include a communication section that includes the following:
 - An explanation of the Agency's decision-making process.
 - Identification of opportunities for public engagement and a discussion of how public input and response will be used.

Public Outreach and Engagement Plan

- A description of how the Agency encourages the active involvement of diverse social, cultural, and economic elements of the population within the basin.
- The method the Agency will follow to inform the public about progress implementing the Plan, including the status of projects and actions.
- The GSA must provide public noticing and hold a public meeting before adopting or amending a GSP.

Phase 3: GSP Review and Evaluation

The following Phase 3 requirements will be completed by DWR:

- After the GSA adopts the GSP and it is submitted to DWR, the GSP will be available on the DWR website for a 60-day comment period for any person to provide comments to DWR before the DWR completes evaluation and assessment of the GSP.

Phase 4: Implementation and Reporting

The following Phase 4 requirements will be completed by Yucaipa SGMA through 2042:

- The Sustainable Groundwater Management Act requires assessments and re-evaluation of the GSP at least every 5 years. The GSA must provide public notice and hold public meetings prior to amending the GSP.
- Public notice is also required before the GSA imposes or increases fees.

There are also has general requirements that apply to all four phases of Sustainable Groundwater Management Act implementation. .

2 YUCAIPA SUBBASIN AND GSA FORMATION

The Upper Santa Ana Valley Groundwater Basin, Yucaipa Subbasin lies under portions of the cities of Calimesa, Redlands, and Yucaipa, as well as unincorporated San Bernardino and Riverside Counties. The Subbasin, cataloged by the California Department of Water Resources (DWR) as groundwater basin number 8-2.07, is approximately 25,300.

The Yucaipa Sustainable Groundwater Management Agency (Yucaipa SGMA) was formed as the GSA for the Yucaipa Subbasin in 2017 through a Memorandum of Agreement (MOA) entered into by local water purveyors, municipalities, and regional water management entities.

Public Outreach and Engagement Plan

Yucaipa-GSA Member Agencies
Purveyors
South Mesa Water Company
South Mountain Water Company
Western Heights Water Company
Yucaipa Valley Water District
Municipalities
City of Redlands
City of Yucaipa
Regionals
San Bernardino Valley Municipal Water District
San Gorgonio Pass Water Agency

The Yucaipa SGMA completed the initial phase of stakeholder engagement (Phase 1) in June 2017 and provided the required documentation for GSA formation, which is available to the public through the DWR Sustainable Groundwater Management Act Portal (<https://sgma.water.ca.gov/portal/gsa/print/349>).

The City of Calimesa submitted a written Notice of Withdrawal dated November 19, 2018 and the Yucaipa SGMA subsequently acknowledged the withdrawal of the City of Calimesa from the Yucaipa SGMA at the January 23, 2019 meeting.

2.1 Yucaipa SGMA and GSA Decision Making Process

The roles and responsibilities of the Yucaipa SGMA were further clarified in the By-Laws adopted in May 2018. Each of the Member Agencies appoints one principal representative and one alternate representative to the Yucaipa SGMA Board. All Board meetings are public meetings subject to the Ralph M. Brown Act. Each Board member has one vote and a simple majority of 51% of the voting parties is required to pass an item. A majority of the Board is considered a quorum for purposes of meeting and decision making.

3 YUCAIPA SUBBASIN GSP

Public Outreach and Engagement Plan

The DWR has designated the Yucaipa Subbasin as a high-priority basin based on population size and growth, reliance on groundwater for public water supply, and long-term declines in groundwater levels. The Yucaipa Subbasin is not designated as critically overdrafted, therefore a GSP must be developed by January 31, 2022. This GSP will detail a pathway to sustainable groundwater management by 2042 in accordance with The Sustainable Groundwater Management Act.

Yucaipa SGMA has initiated the process of developing a GSP (Yucaipa GSP) for the Yucaipa Subbasin that will define a course of action to achieve sustainable groundwater management within 20 years of plan adoption. The Yucaipa GSP will identify local undesirable results and identify management actions to minimize undesirable results as well as milestones to ensure progress. A groundwater monitoring program will be developed and implemented to track improvement within the basins leading to sustainable management. The Yucaipa GSP will be re-evaluated and refined, as needed, and submitted to DWR every five years in accordance with The Sustainable Groundwater Management Act.

4 PURPOSE OF THE DOCUMENT

This Public Outreach and Engagement Plan (Plan) has been developed as a communication tool to help stakeholders understand the importance of participation in groundwater sustainability planning and lay the framework of how stakeholders can actively engage in the Yucaipa-GSA planning effort. In 2018, DWR released [a guidance document for GSP Stakeholder Communication and Engagement](#) that details best practices including the development of Communication and Engagement Plans to increase transparency in the GSP development process.

The Yucaipa SGMA will prepare a GSP in accordance with The Sustainable Groundwater Management Act that will guide future management decisions including the amount of ground water that can be pumped from the subbasin without causing undesirable results, and the development of new projects to enhance water resource management.

The Yucaipa SGMA discussed overarching goals for outreach and engagement at the April 24, 2019 Board Meeting. The primary goals during the GSP development process included:

1. Maintaining transparency throughout the GSP development process,
2. Developing a common understanding among stakeholders of the Yucaipa subbasin needs, and
3. Exceeding the state requirements for outreach and engagement.

This Plan is intended to be a guiding framework that will be updated as needed to maintain transparency throughout the GSP development and implementation process.

5 OPPORTUNITIES FOR PUBLIC INVOLVEMENT AND ENGAGEMENT

The Yucaipa SGMA encourages members of the public to participate in the GSP development and implementation process through attending public meetings, providing comments on the draft GSP, and communicating directly with member agency staff and Board members.

5.1 Meeting Opportunities

The Yucaipa SGMA Board holds quarterly regular meetings the fourth Wednesday in January, April, July, and October to conduct routine business matters. During the development of the GSP, the Technical Advisory Group (TAG) will meet approximately monthly as needed. All Board and TAG meetings are open to the public and each meeting agenda includes an item where members of the public can speak to the Board. All meeting agendas and minutes are posted on the Yucaipa SGMA website (<https://yucaipasgma.org>).

5.1.1 Public Notices

Board meetings and workshops are noticed in accordance with the Brown Act. In addition to publicly noticing meetings on the Yucaipa SGMA website, the Yucaipa SMGA maintains a list of interested parties and distributes electronic agenda information and newsletters via email. Newsletters include notices of Yucaipa SGMA Board meetings and other updates including updates on the progress of the GSP development and implementation. Interested parties can subscribe to the list that receives email notifications through the “subscribe” link at the bottom of the website home page (<https://yucaipasgma.org>).

5.2 Collaborative Opportunities

The Yucaipa-SMGA has taken an inclusive approach to groundwater management, making space on the Board for each of the local entities with water supply, water management, and or land use responsibility in the Yucaipa Subbasin that wanted to participate in the GSA. The Board understands that each interested party has an established relationship with their local water supplier that should continue through the development and implementation of the GSP. Each Board member is appointed by the

member agency and represents the constituents in their jurisdiction. In addition to the Yucaipa SGMA Board member agencies, representatives from the City of Calimesa, the County of Riverside and the County of San Bernardino participated in the formation of the Yucaipa SGMA and are committed to continued involvement as representatives of their stakeholder interests. Due to this uniquely inclusive Board structure, Yucaipa SGMA views each Board member and stakeholder representative as an ambassador of their own jurisdiction, representing their interests in the Yucaipa SGMA meetings.

Purveyors

5.2.1 South Mesa Mutual Water Company

The South Mesa Water Company (SMMWC) is a mutual water company, formed in 1912, with approximately 4 square miles within the service area including portions of both the City of Calimesa and the City of Yucaipa. Water supplied by SMMWC is currently 100% groundwater. The SMMWC service area is approximately 90% residential with some industrial uses, several schools, and some small parks. SMWC engages directly with shareholders through the annual shareholder meeting and updates as needed. SMMWC engages with shareholders through their website, regular Consumer Confidence Reports, social media platforms and information available at the SMMWC office. Many shareholders also pay their bills in person and converse regularly with SMMWC staff.

5.2.2 South Mountain Water Company

The South Mountain Water Company (SMWC) is a mutual water company with groundwater production in the Yucaipa subbasin. The City of Redlands owns majority shares and operates the two wells owned by SMWC. The business activities of the company are conducted by Bear Valley Mutual Water Company.

5.2.3 Western Heights Water Company

The Western Heights Water Company (WHWC) serves approximately 4.53 square miles including parts of the City of Yucaipa and the City of Redlands. Approximately 90% of WHWC customer demand is domestic with approximately 10% industrial and commercial use. WHWC currently has sufficient groundwater supply for 100% of the potable water demand, but purchases 25% imported water to offset groundwater demand. WHWC shareholders engage in decision making through participation in WHWC Board meetings.

5.2.4 Yucaipa Valley Water District

The Yucaipa Valley Water District (YVWD) is a special district that was formed in 1971 and supplies both local groundwater and recycled water. The Yucaipa Valley Water District service area is approximately 40 square miles and includes portions of the City of Calimesa, the City of Yucaipa, and Western Heights Water Company. Approximately 78% of the water use in the YVWD is residential with approximately 22% commercial, industrial and institutional. The YVWD engages with customers through their local office, website and consumer confidence reports. YVWD also published some notices in the local newspaper as appropriate.

Municipalities

5.2.5 City of Redlands

The City of Redlands was incorporated in 1888 and currently serves water to local businesses and more than 75,000 residents in Redlands, Mentone, parts of Crafton Hills, San Timoteo Canyon, and a small portion of San Bernardino. The City of Redlands supplies originate as surface water, groundwater and imported water. The City of Redlands provides ongoing communication with stakeholders through their website and social media. Important water-related information is distributed with consumer confidence reports and bills as appropriate.

5.2.6 City of Yucaipa

The City of Yucaipa was incorporated in 1989 and currently has over 58,000 residents. Water service in the City is provided by YVWD, SMMWC, and WHWC. The SMWC has water facilities, including water wells, within the City of Yucaipa, but does not currently provide water services in the City. The City of Yucaipa has several commissions and committees, including the Planning Commission, Parks and Recreation Commission, and Trails and Open Space Committee, that enable citizens to participate in the governance process. The City of Yucaipa regularly holds public meetings where members of the general public can voice concerns or issues. The City also engages with stakeholders through social media, the city website and newspaper publications as appropriate.

Regionals

5.2.7 San Bernardino Valley Municipal Water District

The San Bernardino Valley Municipal Water District was formed in 1954 as a regional water agency. The San Bernardino Valley Municipal Water District is a wholesale water

supplier that imports water through the State Water Project, manages groundwater stored within the District boundaries, and coordinates delivery of imported water to local water retail agencies.

5.2.8 San Gorgonio Pass Water Agency

The San Gorgonio Pass Water Agency (SGPWA) was established in 1961 and supplies State Water Project water to retail water agencies. The SGPWA engages with stakeholders through semi-monthly public Board meetings and workshops. SGPWA provides regular updates on the website and through social media.

Stakeholders

5.2.9 City of Calimesa

The City of Calimesa was incorporated in 1990 and currently has over 8,000 residents. Water service in the City is provided by South Mesa Water Company and the Yucaipa Valley Water District. The entire City of Calimesa is within the San Gorgonio Pass Water Agency service area. The City has several active commissions and provides opportunities for public comment at all City Council and Commission meetings. The City also engages with stakeholders through their website and social media.

5.2.10 County of Riverside

The County of Riverside was formed in 1893 and covers nearly 7,300 square miles including 28 cities. The County provides information and updates on a centralized website as well as social media.

5.2.11 County of San Bernardino

The County of San Bernardino was formed in 1854 and covers 20,000 square miles including 24 cities. The County provides information and updates on a centralized website as well as social media.

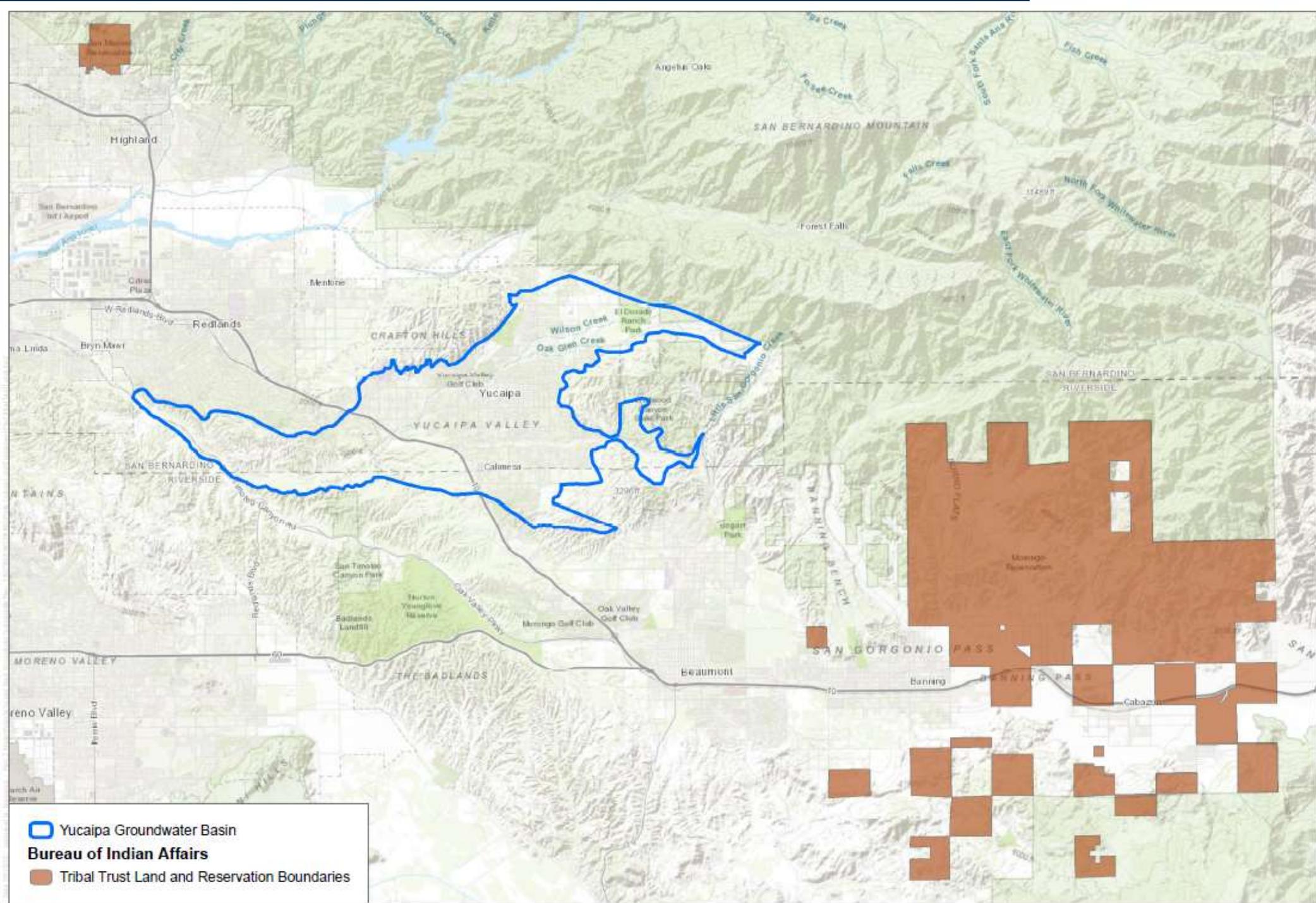
5.3 Opportunities for Tribal Communities

According to the DWR Water Management Planning Tool, as of January 2019, there are no tribal trust lands within the Yucaipa Subbasin as shown in Figure 1. Although there are no federally recognized tribes, Indian land currently or historically held in Trust by the United States Government or smaller Reservation areas within the Yucaipa Subbasin,

the Yucaipa SGMA encourages participation from all stakeholders including tribal communities within the watershed.

5.4 Disadvantaged Communities

There are several communities within the Subbasin that DWR has mapped as Disadvantaged Communities (DAC) and Severely Disadvantaged Communities (SDAC) based on median household income within community census tracts, blocks, and places as shown in Figure 2. The majority of the areas designated as DAC and SDAC are within either the City of Yucaipa or the City of Calimesa. Members of these communities are represented on the Yucaipa SGMA by both their City representative and their water supplier.



SOURCE: ESRI, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI, ESRI China (Hong Kong), swisstopo, OpenStreetMap contributors, and the GIS User Community; BLM; DWR

DUDEK



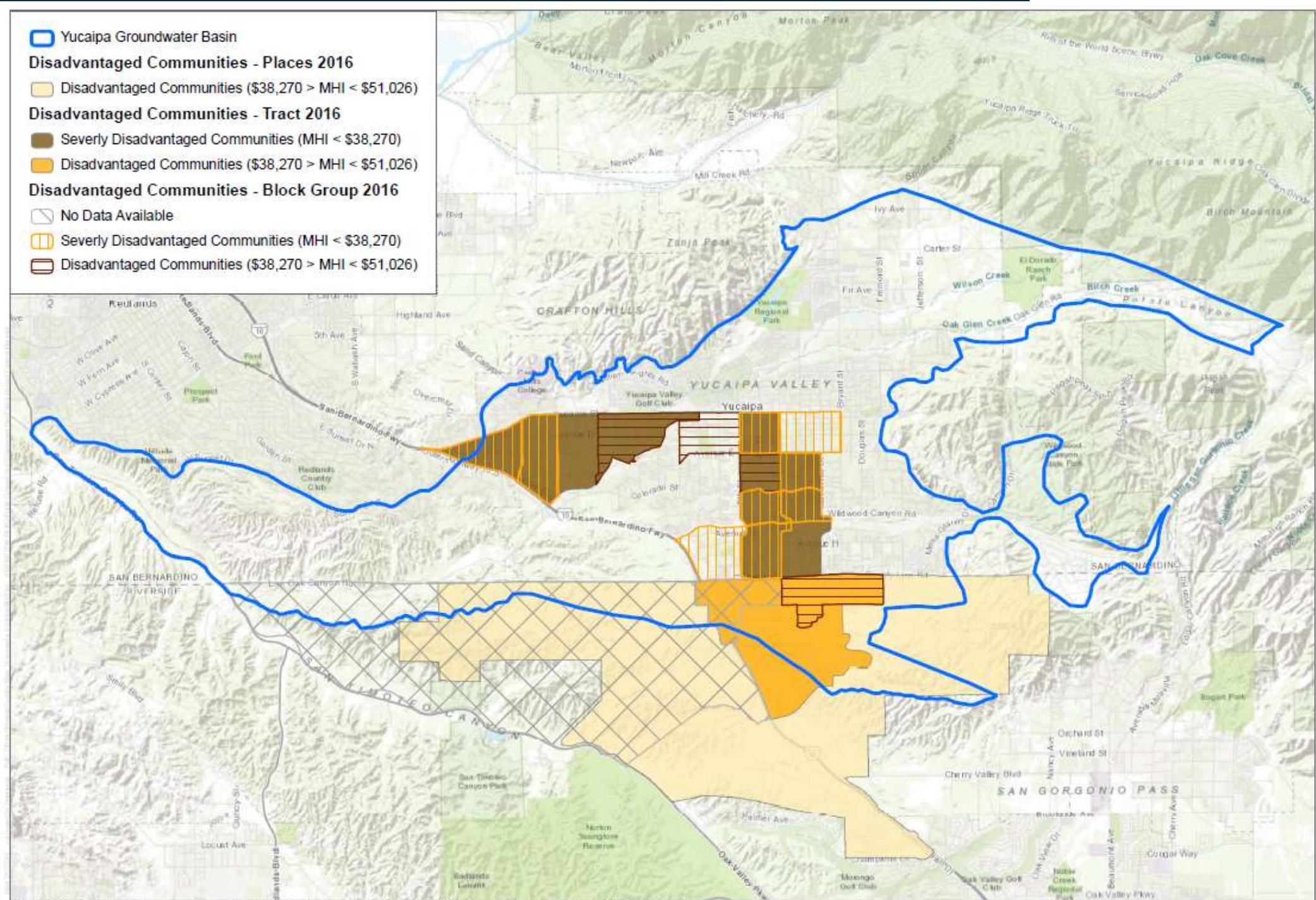
0 1.5 3 Miles

FIGURE 1

Tribal Trust Lands

Public Outreach and Engagement Plan

-  Yucaipa Groundwater Basin
- Disadvantaged Communities - Places 2016**
-  Disadvantaged Communities (\$38,270 > MHI < \$51,026)
- Disadvantaged Communities - Tract 2016**
-  Severely Disadvantaged Communities (MHI < \$38,270)
-  Disadvantaged Communities (\$38,270 > MHI < \$51,026)
- Disadvantaged Communities - Block Group 2016**
-  No Data Available
-  Severely Disadvantaged Communities (MHI < \$38,270)
-  Disadvantaged Communities (\$38,270 > MHI < \$51,026)



SOURCE: ESRI, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, ESRI Japan, METI, ESRI China (Hong Kong), swisstopo, OpenStreetMap contributors, and the GIS User Community; DWR 2019

Note: MHI = Mean Household Income



FIGURE 2
Disadvantaged Communities
 Public Outreach and Engagement Plan

5.5 Stakeholder Email List

The Yucaipa SGMA maintains a list of stakeholders interested in the GSP process, known as the *List of Interested Parties (List)*. Electronic newsletter, meeting notices, and notices of GSP documents are sent electronically to the List. There are currently over 100 individuals subscribed to the List. The List is continuously updated with individuals that request in writing to be placed on the list of interested parties or subscribe through the Yucaipa SGMA website.

5.6 Online Resources

The Yucaipa SGMA has created a website (www.YucaipaSGMA.org) that includes general information, relevant documents, a calendar of meetings and important events, as well as the agendas and minutes for all Yucaipa SGMA meetings.

6 CONTACT US

This document serves as a tool for facilitating public engagement in the GSP development process. It is designed to be a living document that is updated as needed to reflect current mechanism of engagement. Yucaipa SGMA will continue to use the communication tools outlined in this document as necessary through the implementation phase of the GSP.

For additional information regarding the Yucaipa SGMA and the GSP, please contact:

Tim Kellett, Water Resources Senior Project Manager

Phone: (909) 387-9230

Email: Timk@sbumwd.com

Mailing Address:

San Bernardino Valley Municipal Water District
380 East Vanderbilt Way,
San Bernardino, California 92408

Website: www.YucaipaSGMA.org

This plan was paid for in part by a grant from the California Department of Water Resources through the Proposition 1 Sustainable Groundwater Planning Grant Program.



DUDEK