



Stakeholder Communication and Engagement Plan

White Wolf Basin

Prepared for the White Wolf
Groundwater Sustainability
Agency

FINAL
14 June 2018

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Glossary / Abbreviations

AEWSD	Arvin-Edison Water Storage District
CASGEM	California Statewide Groundwater Elevation Monitoring
CWC	California Water Code
C&E	Communications and Engagement
DAC	Disadvantaged Communities
DWR	California Department of Water Resources
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
HCM	Hydrogeologic Conceptual Model
JPA	Joint Powers Agreement
SCEP	Stakeholder Communication and Engagement Plan
SGMA	Sustainable Groundwater Management Act
TC	Technical Committee
TCCWD	Tehachapi Cummings County Water District
TCWD	Tejon-Castac Water District
TRC	Tejon Ranch Corporation
TRCC	Tejon Ranch Commerce Center
WRMWS	Wheeler Ridge-Maricopa Water Storage District

1. INTRODUCTION

§ 354.10. Each Plan shall include a summary of information relating to notification and communication by the Agency with other agencies and interested parties including the following:

- (a) A description of the beneficial uses and users of groundwater in the basin, including the land uses and property interests potentially affected by the use of groundwater in the basin, the types of parties representing those interests, and the nature of consultation with those parties.*
- (b) A list of public meetings at which the Plan was discussed or considered by the Agency.*
- (c) Comments regarding the Plan received by the Agency and a summary of any responses by the Agency.*
- (d) A communication section of the Plan that includes the following:*
 - (1) An explanation of the Agency's decision-making process.*
 - (2) Identification of opportunities for public engagement and a discussion of how public input and response will be used.*
 - (3) A description of how the Agency encourages the active involvement of diverse social, cultural, and economic elements of the population within the basin.*
 - (4) The method the Agency shall follow to inform the public about progress implementing the Plan, including the status of projects and actions.*

The White Wolf Groundwater Sustainability Agency (GSA) has developed this Stakeholder Communication and Engagement Plan (SCEP) to describe its approach to Communication & Engagement (C&E) throughout the Groundwater Sustainability Plan (GSP) development process. This SCEP was prepared in accordance with California Water Code (CWC), the GSP Regulations (Title 23 of the California Code of Regulations [CCR] §354.10 [see above]), and the California Department of Water Resources (DWR) Guidance Document for Groundwater Sustainability Plan Stakeholder Communication and Engagement (DWR, 2018), as well as additional reference documents recommended by DWR for guidance.

C&E efforts carried out as described in this SCEP will help to ensure that beneficial uses and users of groundwater are adequately considered in the GSP development process as required by GSP Regulations (23-CCR §354.10). Specifically, in this SCEP:

- Section 2.2 describes the GSA decision-making process (23-CCR §354.10(d)(1));
- Section 6 identifies opportunities for public engagement and how public input and response will be used (23-CCR §354.10(d)(2));
- Section 3 identifies stakeholders and how the GSA intends to engage with them, and Section 4 describes how the GSA intends to build upon its current understanding of stakeholders in the Basin (23-CCR §354.10(d)(3) and CWC §10723.4); and
- Section 7 describes the C&E implementation timeline, including when this SCEP will be updated to describe methods to inform the public about GSP implementation progress, including the status of projects and actions (23 CCR §354.10(d)(4)).

2. GOALS AND DESIRED OUTCOMES

This program for C&E is designed to effectively engage a variety of relevant stakeholders in the development of a GSP that will guide the GSA to demonstrate sustainability by 31 January 2042 and maintain sustainability through the Sustainable Groundwater Management Act (SGMA)'s 50-year planning timeline.

2.1. GSA Description and Boundary

The GSA is comprised of Arvin-Edison Water Storage District (AEWSD), Tejon-Castac Water District (TCWD), Wheeler Ridge-Maricopa Water Storage District (WRMWSD), and Kern County (County). The GSA covers the entirety of the White Wolf Subbasin (Basin; DWR 5-022.18) of the San Joaquin Valley Basin, as shown in **Figure 1**. The Basin was originally designated as high priority following its delineation in the 2016 Basin Boundary Modification process. The Draft 2018 SGMA Prioritization designated the Basin as medium priority. The Basin is not critically overdrafted and thus has a GSP submission deadline of 31 January 2022.

2.2. GSA Structure and Decision-Making Process

Key GSP development and implementation decisions are made by the GSA Board of Directors (Board). The ad-hoc Technical Committee helps to guide the GSP development technical consultant team and provides feedback on draft work products.

2.2.1. GSA Board Structure and Meetings

Per the Joint Powers Agreement (JPA) executed on 9 May 2017, the GSA Board is composed of two voting representatives from AEWSD, TCWD, and WRMWSD and one non-voting representative from the County.

Board meetings are held on the first Tuesday of every third month (e.g., March, June, September, December) and are open to the public. Board meeting agendas and packets are posted to the GSA website (<http://whitewolfgsa.org/>) at least 72 hours before each Board meeting.

2.2.2. Ad-hoc Technical Committee Structure and Meetings

The ad-hoc Technical Committee (TC) is composed of one to two (1-2) representatives from each voting party of the GSA. The TC does not have regular meetings and instead meets as necessary to provide feedback to and guide the GSP development technical consultant team. The TC helps to identify and compile key data sources, refine key GSP components, and to translate technical GSP components for presentation to the Board and stakeholders.

2.3. Desired Outcome

The GSA aims to develop a GSP that sets the Plan Area on a path to maintain sustainability through SGMA's 50-year planning timeline.

2.4. Communication Objectives to Support the GSP

The GSA's C&E efforts aim to support a GSP that best meets the needs of beneficial uses and users of groundwater in the White Wolf Basin and reflects and incorporates stakeholder input as appropriate. The GSA aims to be knowledgeable about and anticipate stakeholder interests and concerns.

2.5. Challenges for the Plan Area

The GSA is aware of and plans to address the following challenges:

- Several large landowners overlie both the Basin and the Kern County Subbasin (Kern Basin; DWR 5-022.14). The GSA will need to coordinate with entities in the Kern Basin to ensure that C&E conducted by the GSA will align with and complement C&E conducted by entities in the Kern Basin. This coordination should be facilitated by the fact that AEWSD and WRMWSD currently overlie both basins and TCWD is anticipated to overlie both basins upon completion of a pending annexation. All three agencies will be closely involved in the GSP development process and C&E efforts in both basins. Should substantially different groundwater management decisions be made in each basin, the GSA will ensure that stakeholders near and straddling the basin boundary understand how GSP implementation in each basin will impact them.
- Irrigated agriculture is the primary land use in the Basin, and there will be concerns about SGMA compliance. The GSA will aim to be open and transparent in any decisions that will have a substantial impact on beneficial users of groundwater in the basin, and will aim to engage stakeholders early in the decision-making process to consider their interests and concerns.
- A major development (i.e., Grapevine at Tejon Ranch) will occur in the Basin during GSP implementation. While the development's entire demand will be met with surface water and recycled water, the GSP will need to describe how this major land use change will impact groundwater and C&E efforts will need to effectively communicate about changing land use in the Basin.

3. STAKEHOLDER IDENTIFICATION

The GSA identified current beneficial uses and users of groundwater in the Basin in its formation Notice submitted on 26 May 2017 in accordance with the interests listed in CWC §10723.2. The following are the identified beneficial uses and users of groundwater within the Basin. Representatives of specific organizations on this list form the basis of the GSA’s list of interested parties, required by CWC §10723.2.

3.1. Holders of overlying groundwater rights

3.1.1. Agricultural Users

The primary land use in the Basin is irrigated agriculture, comprising 41% of the total land area in the Basin in 2013¹. Collectively, WRMWSD and AEWSO provide water service to the majority of the agricultural water users in the Basin. Each water district maintains a list of landowners within its service area, and input from agricultural groundwater users will be integral to the development of the GSP.

Agricultural groundwater users in areas outside of the WRMWSD and AEWSO service areas will be engaged through the public outreach process prior to and during the development and implementation of the GSP.

3.1.2. Domestic Well Owners

The quantity and distribution of domestic well owners within the Basin is currently unknown. The GSA seeks to compile information on the number and location of domestic wells in the Basin, as well as the concerns and interests of domestic well owners, through the stakeholder survey described in Section 4.

3.1.3. Commercial and Industrial Users

The Pastoria Energy Facility, owned and operated by Calpine Corporation, is located on the southern border of the Basin, adjacent to the A.D. Edmonston Pumping Plant. The Pastoria Energy Facility relies exclusively on surface water supplies. Griffith Company operates a sand and gravel mine in the Basin and relies on both surface and groundwater supplies. Both facilities will be invited to participate in the GSP development process by sending representatives to GSA Board meetings and stakeholder workshops.

The Basin has historically been a productive region for oil and gas exploration. Active oil fields in the Basin include the following: Comanche Point, North Tejon, Pleito, Tejon, Tejon Hills, Valpredo, and Wheeler Ridge. Oil and gas groundwater users generally extract water from hydrocarbon-bearing zones beneath the vertical extent of the Basin. Representatives of the oil and gas industry are welcome to participate in the GSP development process by attending GSA Board meetings and stakeholder workshops.

The Tejon Ranch Commerce Center (TRCC), owned and operated by the Tejon Ranch Corporation (TRC) and served by TCWD, is the only large non-agricultural development in the Basin. The interests of the TRCC will be considered in the development and implementation of the GSP through TCWD’s participation in the GSA.

¹ Kern County Department of Agriculture and Measurement Standards, 2013.

Additional commercial and industrial groundwater users, if identified, will be engaged prior to and during the development and implementation of the GSP.

3.2. Municipal Well Operators

Except for TCWD's three wells located generally in the vicinity of the TRCC that serve primarily as an emergency water supply, there are currently no identified municipal well operators within the basin.

3.3. Public Water Systems

Although all four GSA parties are public agencies, only TCWD is a Public Water Agency providing potable water service from both surface water and groundwater sources. WRMWSD and AEWSD provide untreated water for irrigation and industrial purposes, and the County of Kern does not provide water service.

Tehachapi Cummings County Water District (TCCWD) may overlie a very small portion of the Basin in the eastern uplands. As part of the 2016 basin boundary modification process², TCWD informed TCCWD of the overlap. TCCWD stated that it had no interest in the management of the White Wolf Basin under SGMA, and that the apparent overlap was likely a result of imperfect shapefiles³.

Tut Brothers Farm #96 is noted as a community water system that serves 30 residents year-round with groundwater as its primary source (SDWIS). The GSA intends to engage with the operators of this water system to understand their interests.

While publicly available data have been examined to identify Public Water Systems in the Basin⁴, the GSA acknowledges that these datasets are known to be incomplete and thus seeks to identify and engage any additional water systems during the development and implementation of the GSP.

3.4. Local Land Use Planning Agencies

The entire Basin is comprised of unincorporated County land, and the Kern County Planning and Community Development is responsible for land use planning in the Basin. The County will be actively involved in the development and implementation of the GSP through its participation in the GSA.

3.5. Environmental Users of Groundwater

There is minimal interaction between groundwater and surface water in the Basin. In most of the Basin, the water table lies more than 300 feet below land surface⁵ and thus there is no groundwater contribution to stream flow. In the vicinity of the Springs Fault in the southeastern corner of the Basin, however, there is evidence of spring flow contributing to a strip of natural well-watered vegetation in an otherwise dry

² TCWD submitted a Basin Boundary Modification Request (BBMR) separating the White Wolf Basin from the rest of the Kern Basin in March 2016, and this BBMR was approved in October 2016.

³ TCCWD clarified the apparent area overlap in a letter to TCWD dated 4 April 2016.

⁴ Including the California Environmental Health Tracking Program Water System Map Viewer (http://www.cehtp.org/page/water/water_system_map_viewer).

⁵ California Department of Water Resources, Groundwater Information Center, Spring 2016 Depth to Water Point Data, accessed 27 July 2016.

land cover. The spring discharge rate is estimated to be approximately 200 to 500 acre-feet per year (EKI, 2016).

Wind Wolves Preserve is a nature preserve that overlies a portion of the Basin and has expressed interest in participating in the GSP development process.

To the extent that additional environmental users of groundwater are identified, they will be considered and engaged during the development and implementation of the GSP.

3.6. Surface Water Users

Surface water features in the Basin include ephemeral streams draining the Tehachapi Mountains, several small lakes and ponds, the California Aqueduct, and a network of irrigation canals and ditches.

TRC holds appropriative water rights to several of the ephemeral tributaries to the Basin. As a landowner in the Basin, TRC will be engaged during the development and implementation of the GSP.

3.7. The Federal Government

There are no identified federal lands within the Basin.

3.8. California Native American Tribes

There are no identified California Native American tribal lands within the Basin.

3.9. Disadvantaged Communities

A portion of US Census Tract 62.02, which overlies an area of the northern portion of the Basin along Interstate 5, was identified as a Disadvantaged Community Tract based on an average household income less than 80% of the State median (U.S. Census, 2015). There were no Disadvantaged Community Places identified within the Basin (U.S. Census, 2015). The GSA aims to engage residents of disadvantaged communities during the development and implementation of the GSP through identification in the stakeholder survey and coordination with relevant community groups.

3.10. Groundwater Monitoring Entities

The GSA and AEWSD are Monitoring Entities in the Basin under the California Statewide Groundwater Elevation Monitoring (CASGEM) Program. WRMWSD conducts the CASGEM monitoring effort on behalf of the GSA. AEWSD will be actively involved in the development and implementation of the GSP through its participation in the GSA.

4. STAKEHOLDER SURVEY AND MAPPING

The GSA intends to frequently update its list of stakeholders based on new information. To learn more about its stakeholders, the GSA plans to distribute a stakeholder survey (Appendix A) by:

- Posting the survey on the GSA website (<http://whitewolfgsa.org/>);
- Having copies of the survey available at all GSA Board meetings and stakeholder workshops;
- Sending the survey in water bill mailings from AEWS, TCWD, and WRWSD; and
- Coordinating with the community organizations (e.g., Kern County Farmers Bureau, Self-Help Enterprises, etc.) to distribute the survey to diverse members of the population that may not be otherwise be reached.

Based on current knowledge of stakeholders, the GSA has completed a “Lay of the Land” exercise in **Table 1**, identifying specific stakeholder organizations/individuals, stakeholder type, key interests and issues, the sections of the GSP likely to be relevant to this stakeholder, and the level of engagement (e.g., inform, consult, involve) expected with each stakeholder organization/individual.

Given that the GSA will gain more knowledge of the interests, issues, and challenges of stakeholders over the course of GSP development, **Table 1** will be updated during each phase of GSP development. Should the GSA need to learn more about specific stakeholders, individual meetings will be arranged to find out more about their issues, interests, and challenges.

In addition to the more detailed stakeholder survey, the GSA intends to maintain a simple form on its webpage for individuals to enroll in the GSA interested parties list and provide their contact information.

Table 1
Stakeholder Constituency – “Lay of the Land” Exercise

Organization/ Individual	Type of Stakeholder (a)	Anticipated Key Interests	Anticipated Key Issues (b)	Relevant GSP Sections	Level of Engagement and Rationale (c)
Agricultural Water Users	Agricultural Users	Preserving access to high quality groundwater for irrigation	<ul style="list-style-type: none"> • Potential curtailment of pumping • GSP development and implementation costs 	<ul style="list-style-type: none"> • Sustainable Management Criteria • Projects and Management Actions 	Collaborate to ensure sustainable management of groundwater
Domestic Well Users	Domestic Well Owners	Preserving access to high quality groundwater for domestic users	<ul style="list-style-type: none"> • Water quality degradation • Declining water levels • Potential curtailment of pumping • GSP development and implementation costs 	<ul style="list-style-type: none"> • Sustainable Management Criteria • Projects and Management Actions 	Inform and involve to avoid negative impact to these users
Kern County Planning and Community Development	Local Land Use Planning Agency	Managing County-wide land use	<i>Need to identify</i>	<ul style="list-style-type: none"> • Plan Area • Projects and Management Actions 	Consult and involve to ensure land use policies are supporting GSPs
Tejon Ranch Commerce Center	Commercial User	Maintain access to groundwater supplies	<ul style="list-style-type: none"> • Potential curtailment of pumping • GSP development and implementation costs 	<ul style="list-style-type: none"> • Sustainable Management Criteria • Projects and Management Actions 	Inform and involve to avoid negative impact to these users
Tejon Ranch Corporation	Commercial User	Ensure viability of future developments	<ul style="list-style-type: none"> • Ensure that changing land use will complement GSP projects and management actions 	<ul style="list-style-type: none"> • Projects and Management Actions 	Inform and involve to avoid negative impact to these users
Griffith Company	Industrial User	Maintain access to groundwater supplies	<ul style="list-style-type: none"> • Potential curtailment of pumping • GSP development and implementation costs 	<ul style="list-style-type: none"> • Sustainable Management Criteria • Projects and Management Actions 	Inform and involve to avoid negative impact to these users
Active oil field operators	Industrial Users	Continue to operate oil fields	<ul style="list-style-type: none"> • Definition of vertical extent of the groundwater basin based on salinity 	<ul style="list-style-type: none"> • Basin Setting • Sustainable Management Criteria • Projects and Management Actions 	Inform and involve to avoid negative impact to these users
Tejon-Castac Water District	Public Water System	Continue to provide potable water service	<ul style="list-style-type: none"> • Potential curtailment of pumping • GSP development and implementation costs 	<ul style="list-style-type: none"> • Basin Setting • Sustainable Management Criteria • Projects and Management Actions 	Collaborate to ensure sustainable management of groundwater
Tut Brothers Farm #96	Public Water System	<i>Need to identify</i>	<i>Need to identify</i>	<i>Need to identify</i>	<i>Need to identify</i>

Table 1
Stakeholder Constituency – “Lay of the Land” Exercise

Organization/ Individual	Type of Stakeholder (a)	Anticipated Key Interests	Anticipated Key Issues (b)	Relevant GSP Sections	Level of Engagement and Rationale (c)
Arvin-Edison Water Storage District	Agricultural Users, Groundwater Monitoring Entity	Preserve access to high quality groundwater for irrigation	<ul style="list-style-type: none"> • Potential curtailment of pumping • GSP development and implementation costs • Operation of recharge basins 	<ul style="list-style-type: none"> • Basin Setting • Sustainable Management Criteria • Projects and Management Actions 	Collaborate to ensure sustainable management of groundwater
Wheeler Ridge- Maricopa Water Storage District	Agricultural Users, Groundwater Monitoring Entity	Preserve access to high quality groundwater for irrigation	<ul style="list-style-type: none"> • Potential curtailment of pumping • GSP development and implementation costs 	<ul style="list-style-type: none"> • Basin Setting • Sustainable Management Criteria • Projects and Management Actions 	Collaborate to ensure sustainable management of groundwater
Wind Wolves Preserve	Environmental Users	Preserve ecosystem	<ul style="list-style-type: none"> • Analyzing potential groundwater dependence of ecosystems 	<ul style="list-style-type: none"> • Basin Setting • Sustainable Management Criteria • Projects and Management Actions 	Inform and involve to sustain ecosystem

Abbreviations:

CWC = California Water Code

DWR = California Department of Water Resources

GSA = Groundwater Sustainability Agency

GSP = Groundwater Sustainability Plan

SGMA = Sustainable Groundwater Management Act

Notes:

- (a) Type of stakeholder based on CWC §10723.2 (e.g., agricultural groundwater users, municipal well operators, etc.).
- (b) Any documented issues (media coverage, statements, reports, etc.), specific issues such as past events, or issues that have been otherwise communicated to or are anticipated by the GSA.
- (c) Level of engagement based on the International Association of Public Participation Spectrum of Public Participation, as referenced in DWR’s Guidance Document for Groundwater Sustainability Plan Stakeholder Communication and Engagement (DWR, 2018).

5. MESSAGES

The GSA aims to convey consistent high-level messaging to all stakeholders throughout GSP development and implementation. The following are the key messages that will form the foundation for all C&E efforts:

1. The GSA aims to engage with diverse stakeholders to best represent their interests in the GSP development process;
2. Key GSP development decisions will be made in an open and transparent fashion during public GSA Board meetings; and
3. Technical GSP development progress will be communicated in an accessible manner to encourage stakeholder understanding and support effective stakeholder input.

The GSA will maintain these messages in all venues for engaging, as described in Section 6. Additionally, the GSA has developed **Table 2** to document anticipated questions as well as possible responses. **Table 2** will be updated to add additional, frequently received questions as well as to build upon responses based on GSP development progress.

Table 2 Likely Questions and Responses

Likely Questions	Responses
How can I participate in the GSP development and implementation process?	GSA Board meetings are open to the public and held at 1:00 PM on the first Tuesday of every third month (e.g., March, June, September, December) in the Conference Room of the Iron Skillet, 5821 Dennis McCarthy Drive, Lebec CA 93243. Stakeholder workshops will be held throughout the GSP development process, and will be publicized on the GSA website (http://whitewolfgsa.org/).
Will I have to follow my land?	We are currently in the initial phases of GSP development. Projects and management actions to achieve sustainability will be discussed later in the process, with ample opportunity for stakeholder input.
What types of management actions or projects are going to occur in my area?	We are currently in the initial phases of GSP development. Projects and management actions to achieve sustainability will be discussed later in the process, with ample opportunity for stakeholder input.
Are pump meters going to be required? Who will pay for meters?	We are currently in the initial phases of GSP development. Projects and management actions to achieve sustainability will be discussed later in the process, with ample opportunity for stakeholder input.
Who is paying for GSP development and implementation?	The GSA has obtained state funding to support GSP development (https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/Sustainable-Groundwater). AEWSWD, TCWD, and WRMWSD will share the remaining cost and actual cost to the landowner has yet to be determined.

6. VENUES FOR ENGAGING

The GSA intends to provide a variety of opportunities for engagement with stakeholders. Stakeholder input received will inform and be incorporated into corresponding sections of the GSP as appropriate.

6.1. GSA Board Meetings

As described in Section 2.2.1, the GSA Board meetings are open to the public and are a consistent venue for public engagement.

6.2. Stakeholder Workshops

Stakeholder workshops will be held to communicate progress on GSP technical components to stakeholders and to receive input on upcoming decisions and work efforts. At least two stakeholder workshops and one public hearing will be held during GSP development:

- **Stakeholder Workshop #1** – SGMA Overview, draft results of Basin Setting Information, Preliminary Undesirable Results, and Introduction to Sustainable Management Criteria.
- **Stakeholder Workshop #2** – Draft Sustainable Management Criteria and Discussion of Projects and Management Actions.
- **Public Hearing** – Review of the draft GSP.

The GSA will publicize all stakeholder workshops on its website (<http://whitewolfgsa.org/>) and to its list of interested parties and will coordinate with GSA parties (AEWSD, WRMWSD, TCWD) and community organizations (e.g., Kern County Farmers Bureau, Self-Help Enterprises, etc.) to send out emails and mailings as appropriate.

Additional stakeholder workshops may be held during GSP implementation. The timing and content of these stakeholder workshops will be determined when the GSP Implementation Plan is developed shortly before GSP submission.

6.3. Fact Sheets/Newsletters

The GSA intends to develop at least two fact sheets during GSP development, related to the information to be presented during the stakeholder workshops described in Section 6.2. These fact sheets will complement the material covered during the workshops and will be distributed at the workshops, on the GSA website, and through the GSA parties and community organizations.

6.4. Website Communication

The GSA will update its website with GSA Board meeting materials as described in Section 2.2.1, and will additionally update the website with key GSP updates.

6.5. Stakeholder Surveys

The GSA intends to learn about stakeholder interests using surveys that will be distributed as discussed in Section 4. A draft stakeholder survey is included as Appendix A.

7. IMPLEMENTATION TIMELINE

The GSA’s C&E implementation timeline aligns with a four phase GSP development timeline, as described in **Table 3** below.

Table 3 GSP Development and C&E Efforts by Phase

Phase	Timeframe	Overall GSP Efforts	C&E Efforts
GSP Foundation	May 2018 – July 2018	<ul style="list-style-type: none"> • Submit Initial Notification of GSP development • Select and design a Data Management System (DMS) • Conduct data gaps assessment • Evaluate numerical groundwater model options 	<ul style="list-style-type: none"> • Develop SCEP • Distribute Stakeholder Survey • Assess C&E progress based on survey results • Update Stakeholder Constituency Table
Basin Characterization and Analysis	July 2018 – July 2019	<ul style="list-style-type: none"> • Implement plan for filling data gaps • Develop Hydrogeologic Conceptual Model (HCM) and definition of groundwater conditions • Develop water budget • Assess existing monitoring programs 	<ul style="list-style-type: none"> • Develop and distribute SGMA Fact Sheet #1 • Conduct Stakeholder Workshop #1 • Assess C&E progress based on results of Stakeholder Workshop #1 • Update Stakeholder Constituency Table
Sustainability Planning	July 2019 – July 2020	<ul style="list-style-type: none"> • Evaluate potential management areas • Develop sustainable management criteria • Identify projects and management actions • Create GSP implementation plan • Finalize monitoring network and protocols 	<ul style="list-style-type: none"> • Develop and distribute SGMA Fact Sheet #2 • Conduct Stakeholder Workshop #2 • Assess C&E progress based on results of Stakeholder Workshop #2 • Update Stakeholder Constituency Table • Update SCEP to reflect plan for C&E efforts during GSP Implementation
GSP Preparation and Submittal	July 2020 – January 2022	<ul style="list-style-type: none"> • Compile complete draft GSP • Revise draft GSP (if necessary) per stakeholder feedback • Finalize GSP and submit to DWR 	<ul style="list-style-type: none"> • Distribute draft GSP • Hold Public Hearing on draft GSP • Assess C&E progress and plan for C&E related to GSP Implementation • Update Stakeholder Constituency Table

The GSA will update this SCEP while creating a GSP implementation plan. This update will focus on informing the public about GSP implementation progress, including the status of projects and actions (23-CCR §354.10(d)(4)).

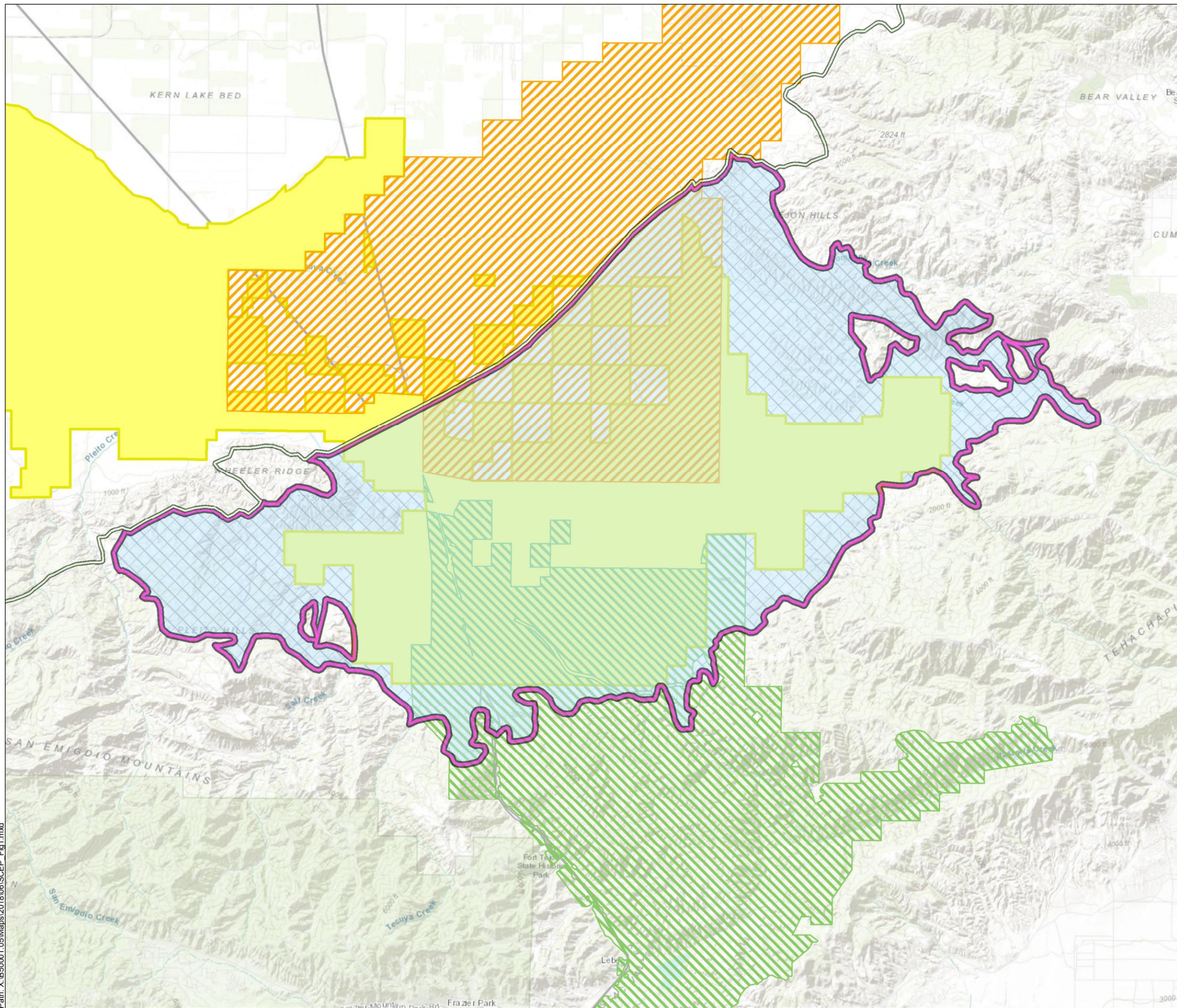
8. EVALUATION AND ASSESSMENT

The GSA intends to assess its C&E implementation during each phase of GSP development, as shown in **Table 3**. The TC and/or the technical consultant team will present brief summaries of C&E progress at GSA Board meetings and will lead a discussion about lessons learned and what can be improved in the next phase of GSP development. The following questions will guide C&E evaluation:

- What worked well?
 - What allowed us insight into stakeholder concerns?
 - What types of materials best communicated GSP development to stakeholders?
- What didn't work as planned?
 - Could materials (e.g., presentation slides, fact sheets, website pages) have been improved to better communicate GSP development progress?
 - Are certain stakeholder groups less represented in the GSP development process than they should be?
- What do we plan on doing differently during the next phase based on what we have learned?
- How much of our C&E budget have we spent relative to work completed? Do we have enough remaining budget to complete our C&E plan?

REFERENCES AND TECHNICAL STUDIES

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- U.S. Census, 2015. US Census American Community Survey, 2010-2014.



Legend

Groundwater Subbasin

- White Wolf
- Kern County

Jurisdictional Area

- White Wolf GSA
- AEWSD Service Area
- TCWD Service Area
- WRMWSD Service Area
- Kern County (outside of other GSA parties' jurisdictions)

Abbreviations

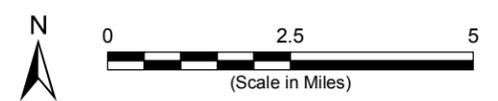
AEWSD = Arvin-Edison Water Storage District
 DWR = California Department of Water Resources
 GSA = Groundwater Sustainability Agency
 TCWD = Tejon-Castac Water District
 WRMWSD = Wheeler Ridge-Maricopa Water Storage District

Notes

1. All locations are approximate.
2. White Wolf GSA boundary is coterminous with the White Wolf Subbasin (5-022.18) boundary.

Sources

1. Basemap is ESRI's ArcGIS Online world topographic map, obtained 14 June 2018.
2. DWR groundwater basins are based on the Final 2016 Basin Boundaries, dated 18 October, 2016.
3. Service area boundaries for AEWSD, TCWD, and WRMWSD obtained from each district.



GSA Area



Tejon-Castac Water District
 Kern County, CA
 June 2018
 EKI B50001.05
Figure 1

Path: X:\B50001.05\Map01\2018\06\SCSEP_Fig1.mxd

Appendix A

Stakeholder Survey

White Wolf Groundwater Sustainability Agency Stakeholder Survey

The White Wolf Groundwater Sustainability Agency (GSA) is conducting this survey to understand more about its stakeholders in the White Wolf Basin. Answers to these questions will support the development of a Groundwater Sustainability Plan (GSP) for the White Wolf Basin.

Date: _____

Affiliated organization or business name (if applicable): _____

Name of primary contact or individual stakeholder: _____

Contact information:

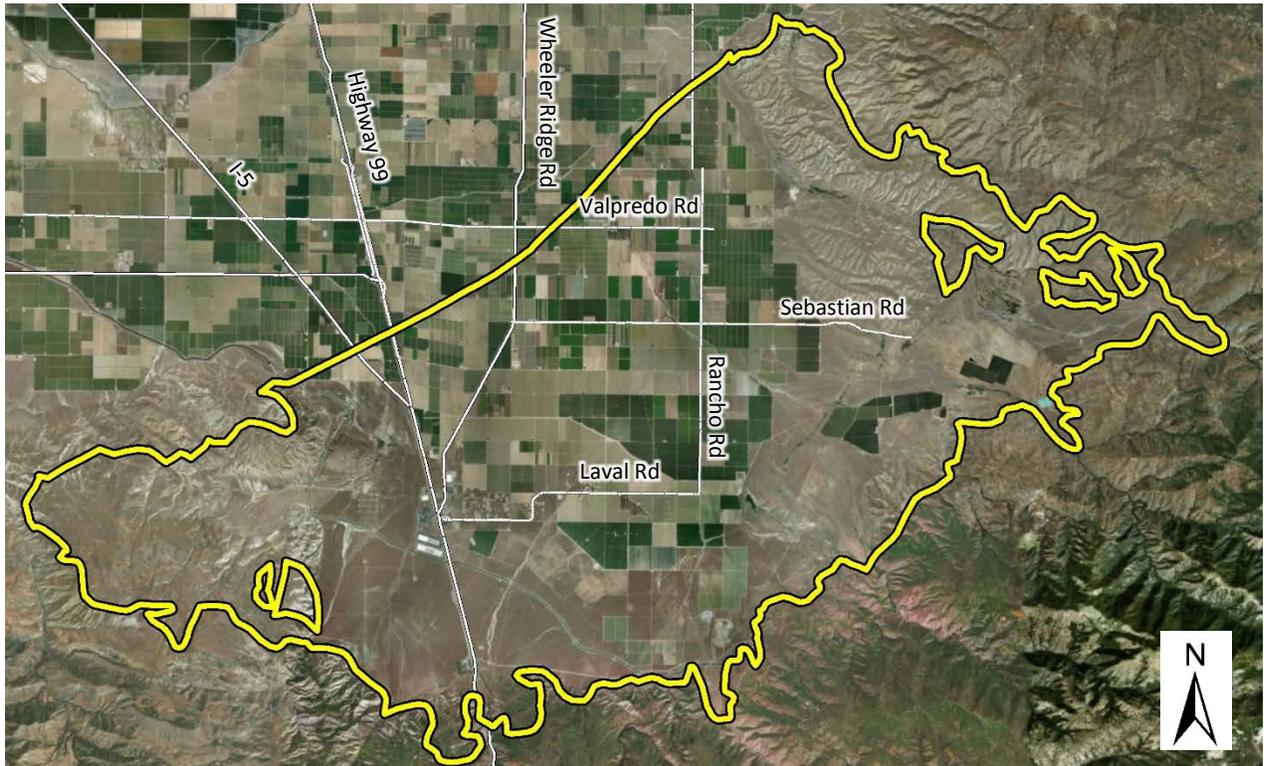
Email: _____

Phone Number: _____

Address: _____

Website: _____

Please indicate the approximate location of your land, home, business, or well(s) with an X on the below map of the White Wolf Basin:



Stakeholder Type (check all that apply):

- | | |
|---|---|
| <input type="checkbox"/> Agricultural Groundwater User | <input type="checkbox"/> Surface Water User |
| <input type="checkbox"/> Domestic Well Owner/User | <input type="checkbox"/> Federal Government |
| <input type="checkbox"/> Municipal Well Operator | <input type="checkbox"/> Native American Tribe |
| <input type="checkbox"/> Commercial/Industrial Groundwater User | <input type="checkbox"/> Disadvantaged Community Resident or Organization |
| <input type="checkbox"/> Public Water System | <input type="checkbox"/> City Resident |
| <input type="checkbox"/> Local Land Use Planning Agency | <input type="checkbox"/> Groundwater Monitoring Entity |
| <input type="checkbox"/> Environmental User | |

White Wolf Groundwater Sustainability Agency Stakeholder Survey

Questions:

1. Are you familiar with the Sustainable Groundwater Management Act (SGMA) regulations?
2. Are you currently engaged in activities or discussions regarding groundwater management in this region?
3. Do you own or manage land in this region?
4. Where do you get your water supply?
 - City or Community Water System
 - Surface Water
 - Groundwater
 - Both Groundwater and Surface Water
 - Unknown
5. What is your primary interest in land or water resources management?
6. (For agricultural and domestic well owners/users): What are the depth(s), screen interval(s), reference point elevation(s), and location of your wells?
7. (For agricultural and domestic well owners/users): Are you willing to share the following data with the White Wolf GSA to support GSP development?¹ (check all that apply)
 - Well Completion Report(s)
 - Pump test report(s)
 - Other: _____
 - Water level data
 - Water quality data
8. (For agricultural and domestic well owners/users): Has/have your well(s) ever gone dry or otherwise been impacted by declining water levels? If yes, when?
9. Do you have concerns about groundwater management? If so, what are they?
10. Do you have recommendations that you would like the White Wolf GSA to consider while developing a GSP? If so, what are they?

¹ Documents and data can be sent to the White Wolf GSA at amartin@tejonranch.com or to Angelica Martin at 4436 Lebec Road, Lebec, CA 93243.