



**Castac Basin  
Groundwater Sustainability Agency**

# **MEETING AGENDA**

**(Item 1 of 3)**

# Castac Lake Basin Groundwater Sustainability Agency Board of Directors

## Special Public Meeting Agenda 10 October 2018, 6:00 p.m.

Lebec County Water District Office  
323 Frazier Mountain Park Road, Lebec, CA 93243

Public records provided to the GSA Board will be available for review at the GSA website (<https://castacgsa.org>), or at the Lebec County Water District Office, 323 Frazier Mountain Park Road, Lebec, California, 93243. The order in which agenda items are discussed may change to accommodate scheduling or other needs of the Board, Committees, the public, or other meeting participants. The GSA Board reserves the right to limit each speaker to three (3) minutes per subject or topic.

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1. **Call to order, moment of silence, flag salute**
2. **Roll Call**
3. **Approval of minutes from 4 September 2018 Board of Directors Public Meeting**
4. **Brief informational presentation on GSP development effort and stakeholder engagement (EKI)**
5. **Consideration and Approval of Items**
  - Stakeholder Communication and Engagement Plan
  - Landowner Data Request Form (combined Stakeholder Survey and Data Request)
6. **Public Input on Website (<https://www.castacgsa.org>)**
7. **Public Comment**

At this time, the public may address the Board on any item not appearing on the agenda that is within the subject matter jurisdiction of the Board. Comments will be limited to three minutes.
8. **Consider and provide direction on future agenda items**
9. **Adjourn**

*In compliance with the Americans with Disabilities Act, if you need disability-related modifications or accommodations, including auxiliary aids or services, please contact Angelica Martin at (661) 663-4262 by 4:00 p.m. on the Thursday before the meeting.*



**Castac Basin  
Groundwater Sustainability Agency**

# **MINUTES FROM 4 SEPTEMBER 2018 BOARD OF DIRECTORS PUBLIC MEETING**

**(Item 2 of 3)**

**MINUTES**  
**CASTAC BASIN GROUNDWATER SUSTAINABILITY AGENCY**  
**BOARD OF DIRECTORS**  
**TUESDAY, SEPTMEBER 4, 2018**  
**4:00PM**

**1. CALL THE MEETING TO ORDER/MINUTE OF SILENCE/FLAG SALUTE**

MEETING BEGAN AT 4:01PM

**2. Announcement of formation of Castac Basin Groundwater Sustainability Agency (GSA) and Directors designated by its members:**

*Angelica Martin made the announcement regarding the formation of the Castac Basin Groundwater Agency. Angelica Martin announced that Lebec County Water District designated Samuel Stern and William Hopper to represent LCWD on the GSA Board. All current LCWD Board members will be alternates. Tejon-Castac Water District designated Angelica Martin and Alan Lyda to represent TCWD on the GSA Board. Efron Munoz will be an alternate.*

**3. Roll Call:**

Present – Angelica Martin, Samuel Stern, Alan Lyda, William Hopper, and Jessica Carroll

Absent – 0

**4. Election of Officers:**

Angelica Martin – Co Chairman

Samuel Stern – Co Chairman

**5. Appointment of other officers:**

Jessica Carroll – Secretary

**6. Adopt a regular meeting schedule by Resolution and schedule next meeting:**

**Chairman Stern made a MOTION** to change the meeting time to 6pm and approve Resolution 2018-01.

**Motion SECONDED**

Yea: 4(BH, SS, AM, AL)

Nay: 0

Abstain: 0

Board concurs and Motion passes.

**7. Brief informational presentation on GSA and GSP process to date.**

*Jeff Shaw with EKI made a presentation on GSA and GSP process.*

**8. Consideration and approval of items:**

- a. Initial Notification to prepare a Groundwater Sustainability Plan
- b. GSA website and GSA logo
- c. Castac Basin SGMA Fact Sheet #1
- d. Public Water System data request letter

**Chairman Stern made a MOTION** to approve the Notification to Prepare a Groundwater Sustainability Plan Letter as written.

**Motion SECONDED**

Yea: 4(BH, SS, AM, AL)                      Nay: 0                      Abstain: 0  
Board concurs and Motion passes.

**Chairman Martin made a MOTION** to approve GSA Logo #3

**Motion SECONDED**

Yea: 4(BH, SS, AM, AL)                      Nay: 0                      Abstain: 0  
Board concurs and Motion passes.

**Chairman Stern made a MOTION** to approve SGMA Fact Sheet #1 as written.

**Motion SECONDED**

Yea: 4(BH, SS, AM, AL)                      Nay: 0                      Abstain: 0  
Board concurs and Motion passes.

**Chairman Martin made a MOTION** to approve the Public Water System Data Request Letter as written.

**Motion SECONDED**

Yea: 4(BH, SS, AM, AL)                      Nay: 0                      Abstain: 0  
Board concurs and Motion passes.

**9. Establish an Ad-Hoc Committee:**

- Angelica Martin
- Samuel Stern
- Jessica Carroll
- Alan Lyda (Alternate)
- William Hopper (Alternate)

**10. Approve Memorandum of Agreement (MOA) between Krista Mutual Water Company (KMWC) and the Castac Basin GSA:**

**Chairman Stern made a MOTION** to approve the MOA with Krista Mutual Water Company as written.

**Motion SECONDED**

Yea: 4(BH, SS, AM, AL)                      Nay: 0                      Abstain: 0  
Board concurs and Motion passes.

**11. PUBLIC COMMENT:**

At this time, the public may address the Board on any item not appearing on the agenda that is within the subject matter jurisdiction of the Board. Comments will be limited to three minutes.

**12. Consider and provide direction on future agenda items:**

- a. Stakeholders Communication Engagement Plan
- b. Public input on website

**13. Adjourn:**

**Chairman Martin made a MOTION to adjourn.**

**Motion SECONDED**

Yea: 4(BH, SS, AM, AL)

Nay: 0

Abstain: 0

Board concurs and Motion passes

**MEETING WAS ADJOURNED AT 4:57pm**

DRAFT



**Castac Basin  
Groundwater Sustainability Agency**

**STAKEHOLDER COMMUNICATION  
AND ENGAGEMENT PLAN  
*AND*  
LANDOWNER DATA REQUEST FORM  
(Item 3 of 3)**



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# Stakeholder Communication and Engagement Plan

Castac Lake Valley Groundwater Basin

Prepared by:

EKI Environment & Water, Inc.

for:

Castac Basin GSA

5 October 2018

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**Glossary / Abbreviations**

CASGEM	California Statewide Groundwater Elevation Monitoring
CCR	California Code of Regulations
CWC	California Water Code
DWR	California Department of Water Resources
GDE	Groundwater Dependent Ecosystems
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
HCM	Hydrogeologic Conceptual Model
JPA	Joint Powers Agreement
KC	Kern County
KMWC	Krista Mutual Water Company
LCWD	Lebec County Water District
NCCAG	Natural Communities Commonly Associated with Groundwater
NWI v2.0	National Wetlands Inventory, Version 2.0
SCEP	Stakeholder Communication and Engagement Plan
SGMA	Sustainable Groundwater Management Act
SWP	State Water Project
SWRCB	State Water Resources Control Board
TCWD	Tejon-Castac Water District
TMV	Tejon Mountain Village
TRC	Tejon Ranch Corporation
USGS NHD	U.S. Geological Survey National Hydrography Dataset

## 1. INTRODUCTION

*California Code of Regulations, Title 23, Div. 2, Ch. 1.5, Subchapter 2. § 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 Castac Basin Groundwater Sustainability Agency (GSA) has developed this Stakeholder Communication and Engagement Plan (SCEP) to describe the GSA's approach to communication and engagement while developing the Groundwater Sustainability Plan (GSP) for the Castac Lake Valley Groundwater Basin (Basin; DWR 5-029). 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.

Communications 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 3 identifies stakeholders in the Basin and how the GSA intends to engage with them;
- 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);
- Section 5 outlines key messages that will form the foundation of all GSA communication efforts with stakeholders (23-CCR §354.10(c));

- Section 6 identifies opportunities for public engagement and how public input and response will be used to inform GSP development (23-CCR §354.10(d)(2)); and
- Section 7 describes the communications implementation timeline, including when this SCEP will be updated with a procedure for public communication regarding GSP implementation progress, including the status of projects and actions (23 CCR §354.10(d)(4)).

## 2. GOALS AND DESIRED OUTCOMES

This stakeholder engagement and communication program is designed to effectively engage a variety of relevant stakeholders in GSP development which will guide the GSA to demonstrate sustainable use of groundwater in the Basin by January 2042, and which also will maintain sustainability through the Sustainable Groundwater Management Act (SGMA)'s 50-year planning timeline.

### 2.1. GSA Description and Boundary

Lebec County Water District (LCWD), Tejon-Castac Water District (TCWD), and Kern County (County) formed the GSA to voluntarily comply with SGMA. The GSA covers the entirety of the Basin, as shown in **Figure 1**. As of 18 May 2018, DWR designated the Basin as "very low priority" through its 2018 SGMA draft prioritization, thus the Basin does not currently have a mandated GSP submission deadline.

### 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 committee, which is appointed by the GSA Board, 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 20 March 2018, the GSA Board is composed of two voting representatives each from LCWD and TCWD, one non-voting representative from the County, and other non-voting entities invited to participate by the GSA Board.

Board meetings are open to the public, and are held on the first Tuesday of every third month (i.e., September, December, March, and June) at Lebec County Water District's Office, 323 Frazier Mountain Park Road, Lebec, California. Board meeting agendas and packets will be posted to the GSA website (<https://www.castacgsa.org>) at least 72 hours before each Board meeting.

#### 2.2.2. Ad-hoc Technical Committee Structure and Meetings

The ad-hoc committee is composed of one to two representatives from each voting party of the GSA. The ad-hoc committee does not have regular meetings and instead meets as necessary to provide feedback to and guide the GSP development technical consultant team. The ad-hoc committee 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 Basin on a path to maintain sustainability through SGMA's 50-year planning timeline.

### 2.4. Communication Objectives to Support the GSP

The GSA's stakeholder communication and engagement efforts aim to support development of a GSP that best meets the needs of beneficial uses and users of groundwater in the Basin, and reflects and

incorporates stakeholder input, as appropriate. The GSA aims to understand 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 and/or changed conditions within the Basin:

- Stakeholders may exhibit various concerns about the long-term reliability of the groundwater supply and/or effects or restrictions of SGMA compliance. The GSA will be open and transparent in any decisions that have a substantial impact on beneficial uses and users of groundwater in the Basin and will aim to engage stakeholders early in the decision-making process, in order to effectively consider stakeholder interests and concerns.
- The Basin is a part of a chain of groundwater basins, some of which have experienced water level declines, especially during the recent historic drought. The GSP will discuss cross-boundary flows from the adjacent upgradient basin, and will strive to ensure that future groundwater conditions in the Basin do not impact the ability of upgradient basins to manage their groundwater sustainably.
- A major residential and commercial development (i.e., Tejon Mountain Village, or “TMV”) is under development in a portion of the Basin. Imported water from the State Water Project (SWP) and recycled water from the development is expected to meet TMV’s entire water demand, but the GSP will need to consider ways in which the TMV project may affect the groundwater system.
- Groundwater Dependent Ecosystems (GDEs) cover almost 26% of the total Basin area, with 11% classified as wetland (including Castac Lake) and 14% classified as vegetation, according to DWR’s mapped Natural Communities Commonly Associated with Groundwater (NCCAG)<sup>1</sup>. The location and nature of these GDEs will be described in the GSP, especially with respect to historic and projected future groundwater conditions.

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<sup>1</sup> <https://gis.water.ca.gov/app/NCDatasetViewer/>

### 3. STAKEHOLDER IDENTIFICATION

Grazing (both dry and irrigated pasture) is the primary land use in the Basin, followed by residential and commercial land use. The GSA identified current beneficial uses and users of groundwater within the Basin in its notice of formation submitted to DWR on 19 April 2018, in accordance with the “Interests of All Beneficial Uses and Users of Groundwater” 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 “Interested Persons List”, required by CWC §10723.4.

#### 3.1. Holders of overlying groundwater rights

##### 3.1.1. Agricultural Users

Tejon Ranch Corporation (TRC) uses groundwater pumped from several wells within the Basin for stock watering and irrigated agriculture (pasture, vineyards, and orchards) in the Basin. Other agricultural groundwater users, if any, in areas outside of TRC’s service area 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

Aerial photographs of the Basin indicate that a limited number of residential areas are located outside of the service areas of the municipal water suppliers (discussed below). Water supplies for these residences presumably come from private domestic wells, but the quantity and distribution of domestic well owners within the Basin currently are unknown. The GSA seeks to compile information on the number, location, and other information about domestic wells in the Basin, as well as the concerns and interests of domestic well owners, through the Landowner Data Request form, described in Section 4.

##### 3.1.3. Commercial and Industrial Users

Commercial groundwater users are located in Lebec, California, adjacent to Interstate-5. Although not explicitly required under CWC §10723.2, these users will be contacted and engaged through the public outreach process during development and implementation of the GSP.

#### 3.2. Municipal Well Operators

The TCWD is the water supplier for portions of the TRC property in the eastern part of the Basin, including for the planned TMV development, but does not operate any potable supply wells in the Basin.

The LCWD supplies water to parts of Lebec, an unincorporated census-designated place located along the western edge of the Grapevine Canyon portion of the Basin. The LCWD operates supply wells in both the Basin and the upgradient Cuddy Canyon Valley Groundwater Basin.

Krista Mutual Water Company (KMWC) supplies water to the Los Padres Estates area, which is located in the O’Neil Canyon portion of the Basin (i.e., a westward-extending valley in the northern portion of the

Basin, accessed by Lebec Oaks Road). KMWC operates a single well in the Basin, but recently initiated efforts to drill a second well in the Basin on TRC lands.

### 3.3. Public Water Systems

In addition to the municipal well operators mentioned above, several smaller public water systems are located within the Basin. Below are the names and State Water Resources Control Board (SWRCB) drinking water system numbers for all known public water systems in the Basin (i.e., those serving a least 25 individuals daily for at least 60 days out of the year [California Health and Safety Code §116275]).

Public Water System Name	SWRCB System Number
Lebec County Water District	1510051
Krista Mutual Water Company	1500475
Tejon Ranch Main Headquarters	1500413
El Tejon Elementary School	1502074
California State Parks - Fort Tejon	1510301
Tejon Ranch Grapevine Water	1500415

While publicly available data have been examined to identify Public Water Systems in the Basin<sup>2</sup>, the GSA acknowledges that this information may 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. Kern County Planning and Community Development is the agency responsible for land use planning in the Basin. Thus, as part of the GSA, the County will be notified of GSA activities and implementation and development of a GSP within the Basin.

### 3.5. Environmental Users of Groundwater

Flow between groundwater and surface water is understood to occur in the Basin. Data from the U.S. Fish & Wildlife Service National Wetlands Inventory, Version 2.0 (NWI v2.0)<sup>3</sup> show GDEs (both vegetation and wetlands) in the Basin. The U.S. Geological Survey National Hydrography Dataset (USGS NHD) maps two springs within the Basin, and several more in tributaries to the Basin. Of the total Basin area, 11% is classified as wetland (including Castac Lake) and 14% is classified as vegetation.<sup>4</sup>

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

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<sup>2</sup> Including the California Environmental Health Tracking Program Water System Map Viewer ([http://www.cehtp.org/page/water/water\\_system\\_map\\_viewer](http://www.cehtp.org/page/water/water_system_map_viewer)).

<sup>3</sup> <https://gis.water.ca.gov/app/NCDatasetViewer/>

<sup>4</sup> <https://gis.water.ca.gov/app/NCDatasetViewer/>

### 3.6. Surface Water Users

Surface water features in the Basin include ephemeral streams draining the Tehachapi and San Emigdio Mountains, Cuddy Creek, Grapevine Creek, and Castac Lake. The groundwater system is understood to be hydraulically connected to surface water in Castac Lake, and groundwater has been determined to be both a source and a sink for the lake (Bookman Edmonston, 1965; Trihey and Associates, 1997; Dudek & Associates, 1999). Historically, TRC has pumped groundwater to supplement inflows to Castac Lake.

### 3.7. The Federal Government

No federally-managed lands have been identified within the Basin.

### 3.8. California Native American Tribes

The California Indian Tribal Homelands and Trust Land Map, published by DWR in 2011, indicates that no California Native American tribal lands exist within the Basin<sup>5</sup>.

### 3.9. Disadvantaged Communities

According to the DWR Water Management Planning Tool<sup>6</sup>, the Disadvantaged Community Block ID Number 060290033061, and Tract ID Number 06029003306 both overlie a portion of the Basin. This block includes 696 households, a population of 1,985, and a median household income of \$34,083 and this tract includes 1,751 households, a population of 5,152, and a median household income of \$45,996 (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

According to the DWR Water Management Planning Tool<sup>7</sup>, no California Statewide Groundwater Elevation Monitoring (CASGEM) Designated Monitoring Entities are located within the Basin. TCWD currently conducts routine monitoring of its wells and plans to initiate coordination of the SGMA monitoring effort on behalf of the GSA.

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<sup>5</sup> [https://water.ca.gov/LegacyFiles/tribal/docs/maps/CaliforniaIndianTribalHomelands24x30\\_20110719.pdf](https://water.ca.gov/LegacyFiles/tribal/docs/maps/CaliforniaIndianTribalHomelands24x30_20110719.pdf)

<sup>6</sup> <https://gis.water.ca.gov/app/boundaries/>

<sup>7</sup> <https://gis.water.ca.gov/app/boundaries/>

#### 4. LANDOWNER DATA REQUESTS

The GSA intends to update its list of stakeholders based on new information as it is obtained. To learn more about stakeholders in the Basin, the GSA plans to distribute a landowner data request form (Appendix A) by:

- Posting a downloadable and fillable copy of the form on the GSA website (<https://www.castacgsa.org>);
- Providing copies of the form at all Board meetings and stakeholder workshops;
- Mailing copies of the form in water bills or other correspondence from TCWD, LCWD, KMWC, and the GSA; and
- Coordinating with existing community organizations (e.g., Mountain Communities Water Issues Discussion Group, Self-Help Enterprises, etc.) to distribute the form to various members of the population that otherwise may not be reached.

Based on its current knowledge of stakeholders, the GSA has completed a “Lay of the Land” exercise in **Table 1**, identifying (a) specific stakeholder organizations or individuals, (b) stakeholder types, (c) key interests and issues, (d) the sections of the GSP likely to be relevant to this stakeholder, and (e) the level of engagement expected with each stakeholder organization or 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 as needed over time. 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 provide contact information by enrolling in the GSA interested parties list.

**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"> <li>• Potential curtailment of pumping</li> <li>• GSP development and implementation costs</li> </ul>	<ul style="list-style-type: none"> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> </ul>	Inform and involve to avoid negative impact to these users
Domestic Well Users	Domestic Well Owners	Preserving access to high quality groundwater for domestic users	<ul style="list-style-type: none"> <li>• Water quality degradation</li> <li>• Declining water levels</li> <li>• Potential curtailment of pumping</li> <li>• GSP development and implementation costs</li> </ul>	<ul style="list-style-type: none"> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> </ul>	Inform and involve to avoid negative impact to these users
Businesses adjacent to Interstate-5 at Lebec	Commercial User	<i>(Dependable access to high quality groundwater for business operation)</i>	<ul style="list-style-type: none"> <li>• Water quality degradation</li> <li>• Declining water levels</li> <li>• <i>Other?</i></li> </ul>	<ul style="list-style-type: none"> <li>• Sustainable Management Criteria</li> </ul>	Inform and involve to avoid negative impact to these users
Tejon-Castac Water District (d)	Potential Well Operator	Preserving access to groundwater	<ul style="list-style-type: none"> <li>• Potential curtailment of pumping</li> <li>• GSP development and implementation costs</li> </ul>	<ul style="list-style-type: none"> <li>• Basin Setting</li> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> </ul>	Collaborate to ensure sustainable management of groundwater
Lebec County Water District	Public Water System	Continue to provide potable water service	<ul style="list-style-type: none"> <li>• Potential curtailment of pumping</li> <li>• GSA Committee participation costs</li> </ul>	<ul style="list-style-type: none"> <li>• Basin Setting</li> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> </ul>	Collaborate to ensure sustainable management of groundwater
Krista Mutual Water Company	Public Water System	Continue to provide potable water service	<ul style="list-style-type: none"> <li>• Potential curtailment of pumping</li> </ul>	<ul style="list-style-type: none"> <li>• Basin Setting</li> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> </ul>	Collaborate to ensure sustainable management of groundwater
Tejon Ranch Main Headquarters	Public Water System	Preserving access to groundwater for agricultural supply	<ul style="list-style-type: none"> <li>• Water quality degradation</li> <li>• Declining water levels</li> <li>• <i>Other?</i></li> </ul>	<ul style="list-style-type: none"> <li>• Basin Setting</li> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> </ul>	Collaborate to ensure sustainable management of groundwater
El Tejon Elementary School	Public Water System	Preserving access to high quality groundwater for potable water service	<ul style="list-style-type: none"> <li>• Water quality degradation</li> <li>• Declining water levels</li> <li>• <i>Other?</i></li> </ul>	<ul style="list-style-type: none"> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> <li>•</li> </ul>	Inform and involve to avoid negative impact to these users
CSP – Fort Tejon	Public Water System	Preserving access to high quality groundwater for potable water service	<ul style="list-style-type: none"> <li>• Water quality degradation</li> <li>• Declining water levels</li> <li>• <i>Other?</i></li> </ul>	<ul style="list-style-type: none"> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> <li>•</li> </ul>	Inform and involve to avoid negative impact to these users

Organization/ Individual	Type of Stakeholder (a)	Anticipated Key Interests	Anticipated Key Issues (b)	Relevant GSP Sections	Level of Engagement and Rationale (c)
Tejon Ranch Grapevine Water	Public Water System	<i>Need to identify</i>	<ul style="list-style-type: none"> <li>• Water quality degradation</li> <li>• Declining water levels</li> </ul>	<ul style="list-style-type: none"> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> <li>•</li> </ul>	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	<ul style="list-style-type: none"> <li>• Water quality degradation</li> <li>• Declining water levels</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Plan Area</li> <li>• Projects and Management Actions</li> </ul>	Consult and involve to ensure land use policies are supporting GSPs
Groundwater Dependent Ecosystems	Environmental User of Groundwater	Preserving interconnected surface water and groundwater interactions	<ul style="list-style-type: none"> <li>• Water quality degradation</li> <li>• Declining water levels</li> <li>• <i>Other?</i></li> </ul>	<ul style="list-style-type: none"> <li>• Basin Setting</li> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> </ul>	Ensure sustainable management of interconnected surface and groundwater
Castac Lake	Surface Water User and Environmental User of Groundwater	Preserving interconnected surface water and groundwater interactions	<ul style="list-style-type: none"> <li>• Declining water levels</li> </ul>	<ul style="list-style-type: none"> <li>• Basin Setting</li> <li>• Sustainable Management Criteria</li> <li>• Projects and Management Actions</li> </ul>	Ensure sustainable management of interconnected surface and groundwater
Ephemeral streams, Cuddy Creek and Grapevine Creek	Surface Water User and Environmental User of Groundwater	Preserving interconnected surface water and groundwater interactions	<ul style="list-style-type: none"> <li>• Declining water levels</li> </ul>	<ul style="list-style-type: none"> <li>• Basin Setting</li> <li>• Sustainable Management Criteria</li> </ul>	Ensure sustainable management of interconnected surface and groundwater

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. PRINCIPLES

The GSA aims to communicate consistently with all stakeholders throughout development and implementation of the GSP. The following three key principles will guide communication 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 aspects of the GSP will be communicated in an accessible manner as much as practicable, to encourage understanding and effective input by stakeholders.

The GSA will maintain these three principles in all venues for engaging the public, as described in Section 6. **Table 2** lists anticipated questions from stakeholders, as well as possible responses. **Table 2** will be updated periodically to add additional frequently-asked questions and enhance listed responses based on GSP development progress.

**Table 2 - Potential Questions and Responses**

Potential Questions	Current Responses
How can I participate in the GSP development and implementation process?	GSA Board meetings are open to the public, and are held on the first Tuesday of every third month (September, December, March, and June) at Lebec County Water District’s Office: 323 Frazier Mountain Park Road, Lebec, CA 93243. Stakeholder workshops also will be held periodically during the GSP development process. Meetings and workshops will be publicized on the GSA website ( <a href="https://www.castacgsa.org">https://www.castacgsa.org</a> ), and notices will be posted at the LCWD office and local post office.
What types of management actions or projects are planned in my area?	The GSA has begun initial phases of GSP development with an effort to collect and analyze relevant data. Projects and management actions to achieve sustainability cannot be planned until analysis is complete. These advanced GSP phases will be proposed and discussed later in the GSP process, with opportunity for stakeholder input.
Who is paying for GSP development and implementation?	TCWD will pay for the majority of GSP development and implementation, with LCWD providing support in its capabilities.

## 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 Board meetings are open to the public and are held at a consistent venue for public engagement. Each Board meeting will have a Public Comment period, as outlined on each meeting agenda. The Board will consider public comments received, and will respond to comments at the next Board meeting.

### 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 definitions of 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 (<https://www.castacgsa.org>) and will provide notice to the GSA list of interested parties. The GSA also will coordinate with individual GSA member bodies (TCWD, LCWD, and County) and community organizations (e.g., Mountain Communities Water Issues Discussion Group, Self-Help Enterprises, etc.) to distribute additional emails and postal mailings, as deemed necessary and 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 concise brochures (fact sheets) to inform the public during GSP development. These fact sheets will be coordinated with and complement the information presented during the stakeholder workshops described in Section 6.2. They 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 (<https://www.castacgsa.org>) with GSA Board meeting materials as described in Section 2.2.1, and will additionally update the website with key GSP updates.

### **6.5. Landowner Data Request Forms**

The GSA intends to learn about stakeholder interests using data request forms that will be distributed as discussed in Section 4. An example landowner data request form is included as Appendix A.

## 7. IMPLEMENTATION TIMELINE

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

**Table 3 GSP Development and Communications Efforts by Phase**

Phase	Timeframe	Overall GSP Efforts	Communications Efforts
<b>GSP Foundation</b>	Sept 2018 – Dec 2018	<ul style="list-style-type: none"> <li>• Submit Initial Notification of GSP development</li> <li>• Select and design a Data Management System (DMS)</li> <li>• Conduct a data gaps assessment</li> <li>• Evaluate numerical groundwater model options</li> </ul>	<ul style="list-style-type: none"> <li>• Develop SCEP</li> <li>• Distribute Stakeholder Survey</li> <li>• Assess communications progress based on survey results</li> <li>• Update Stakeholder Constituency Table</li> <li>• Develop and distribute SGMA Fact Sheet #1</li> </ul>
<b>Basin Characterization and Analysis</b>	Dec 2018 – Mar 2019	<ul style="list-style-type: none"> <li>• Implement plan for filling data gaps</li> <li>• Develop Hydrogeologic Conceptual Model (HCM) and definition of groundwater conditions</li> <li>• Develop water budget</li> <li>• Assess existing monitoring programs</li> </ul>	<ul style="list-style-type: none"> <li>• Develop and distribute SGMA Fact Sheet #2</li> <li>• Conduct Stakeholder Workshop #1</li> <li>• Assess communications progress based on results of Stakeholder Workshop #1</li> <li>• Update Stakeholder Constituency Table</li> </ul>
<b>Sustainability Planning</b>	Apr 2019 – Jul 2019	<ul style="list-style-type: none"> <li>• Evaluate potential management areas</li> <li>• Develop sustainable management criteria</li> <li>• Identify projects and management actions</li> <li>• Create GSP implementation plan</li> <li>• Finalize monitoring network and protocols</li> </ul>	<ul style="list-style-type: none"> <li>• Develop and distribute SGMA Fact Sheet #3</li> <li>• Conduct Stakeholder Workshop #2</li> <li>• Assess communications progress based on results of Stakeholder Workshop #2</li> <li>• Update Stakeholder Constituency Table</li> <li>• Update SCEP to reflect plan for communications efforts during GSP Implementation</li> </ul>
<b>GSP Preparation and Submittal</b>	Aug 2019 – Dec 2019	<ul style="list-style-type: none"> <li>• Compile complete draft GSP</li> <li>• Revise draft GSP (if necessary) per stakeholder feedback</li> <li>• Finalize GSP and submit to DWR</li> </ul>	<ul style="list-style-type: none"> <li>• Distribute draft GSP</li> <li>• Hold Public Hearing on draft GSP</li> <li>• Assess communications progress and plan for communications related to GSP Implementation</li> <li>• Update Stakeholder Constituency Table</li> </ul>

The GSA will update this SCEP while creating a GSP Implementation Plan, as well as during each phase of GSP development as needed. These updates will focus on informing the public about GSP implementation progress, including the status of projects and actions (23-CCR §354.10(d)(4)).

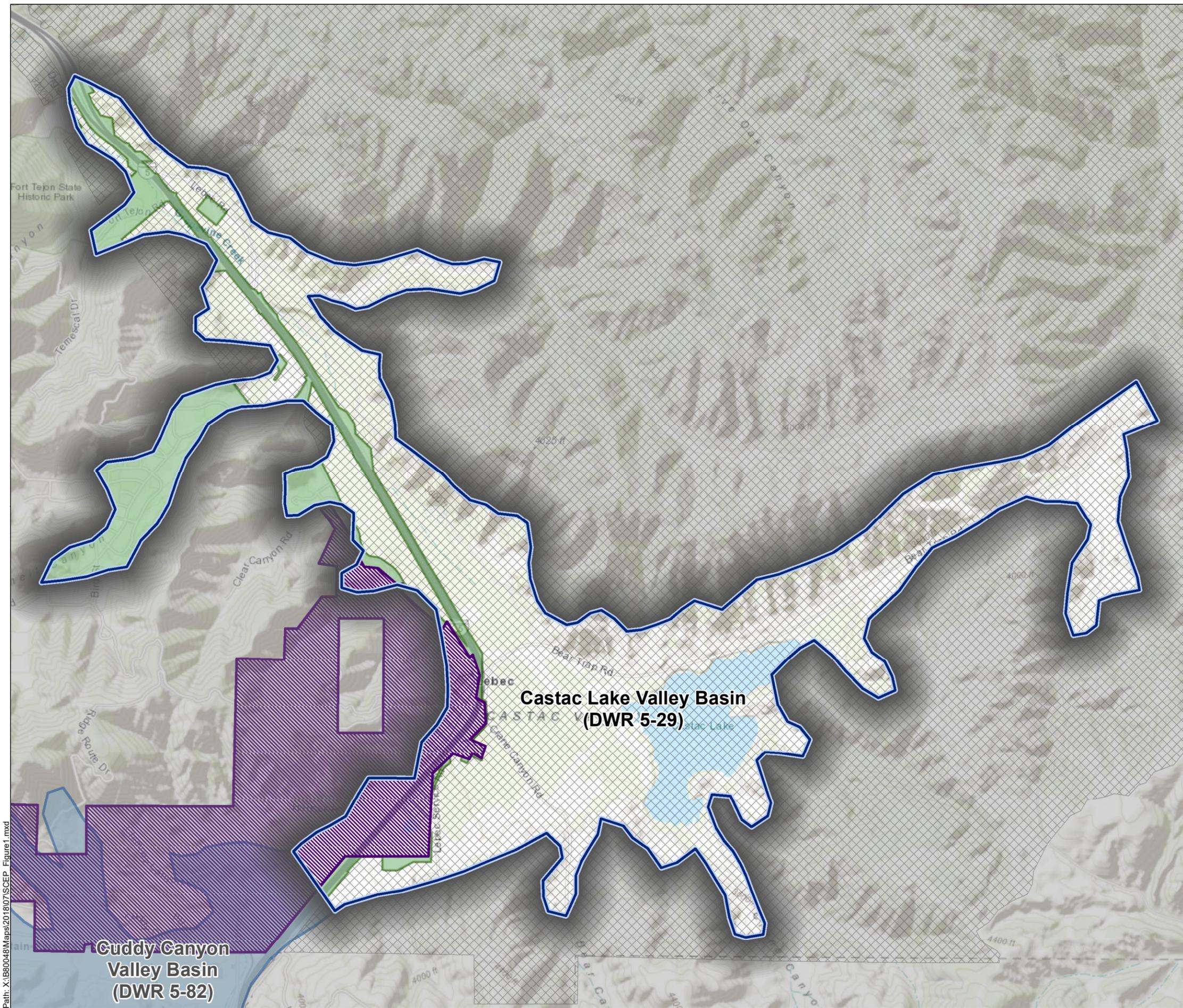
## 8. EVALUATION AND ASSESSMENT

The GSA intends to assess its communications implementation during each phase of GSP development, as shown in **Table 3**. The Ad-Hoc Committee and/or the technical consultant team will present brief summaries of communications progress at Board meetings, and will lead a discussion about ways to improve the next phase of GSP development. The following questions will guide communications evaluation:

- What worked well?
  - What allowed 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 should be done differently during the next phase, based on past results and observations?
- What is the communications budget status? Does sufficient budget remain to complete the communications plan?

## REFERENCES AND TECHNICAL STUDIES

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**Legend**

- Castac Basin GSA
- Lebec County Water District
- Tejon-Castac Water District
- Kern County (outside of LCWD and TCWD service areas)
- Other Groundwater Basin

**Abbreviations**

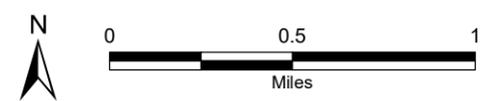
DWR = California Department of Water Resources  
 LCWD = Lebec County Water District  
 TCWD = Tejon-Castac Water District  
 GSA = Groundwater Sustainability Agency

**Notes**

1. All locations are approximate.
2. Castac Basin GSA boundary is coterminous with the Castac Lake Valley Groundwater Basin (5-029) boundary.

**Sources**

1. DWR groundwater basin boundary as defined in California's Groundwater Bulletin 118 - Update.
2. Basemap is ESRI's ArcGIS Online world topographic map, obtained 11 July 2018.
3. LCWD service area obtained from LCWD on 16 March 2017.
4. TCWD service area obtained from TCWD on 11 May 2017.



**Castac Basin GSA Jurisdictional Boundaries**

**DRAFT**

**eki** environment & water

Tejon-Castac Water District  
 Kern County, CA  
 October 2018  
 EKI B80048.00  
**Figure 1**

Path: X:\B80048\Maps\201807\SCPEP\_Figure1.mxd

**APPENDIX A – LANDOWNER DATA REQUEST FORM**

# Castac Basin Groundwater Sustainability Agency Stakeholder Survey

The Castac Basin Groundwater Sustainability Agency (GSA) is conducting this survey to understand more about groundwater users (stakeholders) in the Castac Basin. Any answers provided to these questions will help support the development of a more accurate, fair, and useful Groundwater Sustainability Plan (GSP) for the Castac Basin. For more information please visit the GSA website at <https://www.castacgsa.org>

Date: \_\_\_\_\_

Affiliated organization or business name (if applicable): \_\_\_\_\_

## Contact information<sup>1</sup>:

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Address: \_\_\_\_\_

Website: \_\_\_\_\_

Please mark the approximate location of your land, home, business, or well(s) with a dark-colored X on the map below of the Castac 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 /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                     |   |

<sup>1</sup> Personal records pertaining to a utility customer will not be available for public inspection, except by an agent or authorized family member of the customer in question, governmental or law enforcement agencies when appropriate, or unless disclosure is specifically required by law.

# Castac Basin Groundwater Sustainability Agency Stakeholder Survey

## Questions:

1. Are you familiar with the Sustainable Groundwater Management Act (SGMA) regulations?
  - Never heard of it; don't understand what it's about
  - Solid understanding of the legislation & regulations
  - Basic understanding of the legislation
  - Other:
  - Basic understanding of the legislation & 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
  - Both Groundwater and Surface Water
  - Surface Water
  - Unknown
  - Groundwater
  
5. What is your primary interest in land or water resources management?
  
  
6. (For agricultural and domestic well owners/users): Are you willing to share the following data with the Castac Basin GSA to support GSP development?<sup>2</sup> (check all that apply). Please provide as much information as you can on the attached data request forms.
  - Location
  - Pumping test report(s)
  - Total Depth
  - Water level data
  - Screened Interval
  - Water quality data
  - Reference Point Elevation
  - Other: \_\_\_\_\_
  - Well Completion Report(s)
  
7. (For agricultural and domestic well owners/users): Have any of your supply wells ever gone dry or otherwise been affected by declining water levels? If so, which wells and when?
  
  
8. Do you have concerns about groundwater management? If so, what are they?
  
  
9. Do you have recommendations that you would like the Castac Basin GSA to consider while developing a GSP? If so, what are they?

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<sup>2</sup> Documents and data can be sent to the Castac Basin GSA at [amartin@tejonranch.com](mailto:amartin@tejonranch.com) or to Angelica Martin at PO Box 478, Lebec, CA 93243

# Castac Basin Groundwater Sustainability Agency



## Well Construction Data Request Form

Available at <https://www.castacgsa.org>

The Sustainable Groundwater Management Act of 2014 (SGMA) is a framework for managing the state's groundwater resources in a way that will benefit all Californians, especially future generations. The Castac Basin Groundwater Sustainability Agency (CBGSA) is gathering groundwater-related data in the Castac Lake Valley Basin to understand challenges faced by residents as they advance toward sustainable groundwater use. If you can provide information regarding wells, groundwater levels, pumping, crops, or other pertinent data, please do! **Realistic, science-based decisions require good data.** The information you provide will support better-informed decisions, and will **help save your water for the future.** Thank you!

<b>Data Provider / Owner:</b>	
<b>Contact Address:</b>	
<b>Phone / Email (optional):</b>	

### Groundwater Well Construction Data (Form #1 of 3)

All fields are optional, but please complete as much information as you can, and email the completed PDF form back to [amartin@tejonranch.com](mailto:amartin@tejonranch.com). You also can print the form, fill it out manually, and mail it to Angelica Martin at **PO Box 478, Lebec, CA 93243**. If you have driller's reports, well logs, e-logs, other geophysical logs, pumping test reports, chemical analytical reports, driller's invoices, or other documents that can help us understand your well's construction or use, please include copies of these documents (but please do not send originals). If you need more copies of these forms, please email us, or download forms from the CBGSA website at <https://www.castacgsa.org>. Thank you for your help!

	(Well #1)	(Well #2)	(Well #3)	(EXAMPLES)
<b>Owner's Well Number or Name</b>				Smith #2
<b>Well Location Address</b> <i>(if different than owner's address)</i>				123 Main Street Anytown, CA 93243
<b>California State Well Number</b>				09N/19W/35G12S
<b>Well Location Data, As Available</b>  <i>(can use mobile phone coordinates)</i>	<b>Latitude (°N)</b>			34.827360° N
	<b>Longitude (°E)</b>			-118.869217° E
	<b>Elevation (ft, MSL)</b>			3647.63 ft MSL
	<b>Township</b>			9 N
	<b>Range</b>			19 W
	<b>Section</b>			35
<b>Tract</b>				6
<b>Primary Well Use</b> <i>(e.g., Agricultural, Domestic, Industrial, Monitoring)</i>				Agricultural
<b>Casing Diameter (inches)</b>				14-in
<b>Casing Material</b> <i>(e.g., PVC, mild steel, stainless steel, other)</i>				Steel
<b>Total Cased Well Depth (ft, BGS)</b>				400
<b>Screened Interval Depth(s) (ft, BGS)</b>				310-340, 380-400
<b>Pump Intake Depth (ft, BGS)</b>				300
<b>Nominal Pump Rating (HP)</b>				30
<b>Date of Well Drilling / Construction</b>				1986
<b>Please Provide Logs, Reports, or Data if Available</b>	<b>Geologic Log?</b>			Yes, attached
	<b>Geophysical Logs ?</b> <i>(e-logs)</i>			Yes, attached
	<b>Pumping Test?</b>			Yes, attached
	<b>Water Quality Data?</b>			Yes, attached

#### Abbreviations:

- ft, MSL = feet above mean sea level
- ft, BGS = feet below ground surface
- HP = Horsepower



# Castac Basin Groundwater Sustainability Agency

## Pumping and Crops Data Request Form



Available at <https://www.castacgsa.org>

<b>Data Provider / Owner:</b>	
<b>Contact Address:</b>	
<b>Phone / Email (optional):</b>	

### Groundwater Pumping Measurements (Form #3 of 3)

**Please be sure to complete Form #1 (Well Construction Info) for all wells with pumping data recorded on this form**

All fields are optional, but please complete as much information as you can, and email the completed PDF form back to [amartin@tejonranch.com](mailto:amartin@tejonranch.com). You also can print the form, fill it out manually, and mail it to Angelica Martin at **PO Box 478, Lebec, CA 93243**. If your well is not metered, please estimate "typical" pumping rates, pumping hours per day, and pumping days per month over the year. If pumping rates, cropping, etc. have changed significantly in the last few years, please get additional copies of this form, and provide data or estimates for each period, one per form. Thank you for your help!

Owner's Well Number or Name		(Well #1)	(Well #2)	(Well #3)	(EXAMPLES)
					Smith #2
Usual Pumping Rate <i>(estimate if not metered)</i>					725
Pumping Rate Units <i>(e.g., GPM, CFS, MGD, AFD, AFY)</i>					GPM
Calendar Year (or Years) for Pumping Data					2010 - 2017
January	Hours per Day				0
	Days per Month				0
February	Hours per Day				0
	Days per Month				0
March	Hours per Day				0
	Days per Month				0
April	Hours per Day				0
	Days per Month				0
May	Hours per Day				24
	Days per Month				2.5
June	Hours per Day				18
	Days per Month				10
July	Hours per Day				18
	Days per Month				10
August	Hours per Day				18
	Days per Month				10
September	Hours per Day				18
	Days per Month				5
October	Hours per Day				0
	Days per Month				0
November	Hours per Day				0
	Days per Month				0
December	Hours per Day				0
	Days per Month				0

**Abbreviations:**

GPM = gallons per minute  
CFS = cubic feet per second

MGD = million gallons per day  
AFD = acre-feet per day

AFY = acre-feet per year