



**Castac Basin
Groundwater Sustainability Agency**

MEETING AGENDA

(Item 1 of 7)

Castac Basin Groundwater Sustainability Agency Board of Directors

Public Meeting Agenda 4 September 2018, 4:00 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://www.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.

- 1. Call to order, minute of silence, flag salute**
- 2. Announcement of formation of Castac Basin Groundwater Sustainability Agency (GSA) and Directors designated by its members**
- 3. Roll Call**
- 4. Election of Officers**
 - Co-Chairs (2)
- 5. Appointment of other officers**
 - Secretary
- 6. Adopt a regular meeting schedule by resolution and schedule next meeting**
- 7. Brief informational presentation on GSA and GSP process to date**
- 8. Consideration and approval of Items**
 - Initial Notification to Prepare a Groundwater Sustainability Plan
 - GSA website and GSA logo
 - Castac Basin SGMA Fact Sheet #1
 - Public Water System data request letter
- 9. Establish an Ad-Hoc Committee**
- 10. Approve Memorandum of Agreement (MOA) between Krista Mutual Water Company (KMWC) and the Castac Basin GSA**
- 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**
- 13. 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**

RESOLUTION 2018-01
RE:
REGULAR MEETING SCHEDULE
(Item 2 of 7)

**BEFORE THE BOARD OF THE
CASTAC BASIN GROUNDWATER SUSTAINABILITY AGENCY**

**IN THE MATTER OF ADOPTING)
A REGULAR MEETING SCHEDULE)**

Resolution No.: 2018-01

WHEREAS, the Castac Basin Groundwater Sustainability Agency (“Agency”) is a joint powers agency formed, pursuant to Government Code §§ 6500 *et seq.* and Water Code §§ 10720 *et seq.* by the Lebec County Water District, Tejon-Castac Water District, and the County of Kern;

WHEREAS, pursuant to Government Code § 54954 (a), the Agency hereby establishes the time and place for holding regular meeting of the Agency.

NOW, THEREFORE BE IT RESOLVED BY THE AGENCY THAT:

1. The Castac Basin Groundwater Sustainability Agency adopts the following meeting schedule as the Agency’s regular meeting schedule:
 - a. The next regular meeting will be on December 4, 2018, and all regular meetings thereafter will occur on the First Tuesday of Every Third Month.
 - b. Regular meetings will start at 4:00 p.m., Pacific Time
 - c. Regular meetings will be held at 323 Frazier Mountain Park Road, Lebec, CA 93243.
2. Special meetings of the Agency Board may be held at a time and place duly noticed in the manner provided by law.

All the foregoing begin on motion of Director _____seconded by Director _____ and authorized by the following vote, to wit:

AYES:

NOES:

ABSTAIN:

ABSENT:

I HEREBY CERTIFY that the foregoing resolution is the resolution of said Agency as duly passed and adopted by said Board of Directors on the 4th day of September, 2018.

WITNESS my hand and seal of said Board of Directors the 4th day of September, 2018.

Secretary of the Board of Directors



**Castac Basin
Groundwater Sustainability Agency**

GROUNDWATER SUSTAINABILITY PLAN INITIAL NOTIFICATION LETTER

(Item 3 of 7)

4 September 2018

To: California Department of Water Resources

Cc: Kern County

From: Angelica Martin, Castac Basin Groundwater Sustainability Agency

**Subject: Initial Notification to Prepare a Groundwater Sustainability Plan
Castac Lake Valley Groundwater Basin (DWR No. 5-029)**

This initial notification is to meet the requirements of California Code of Regulations (CCR) Title 23, §353.6. The Castac Basin Groundwater Sustainability Agency (Castac Basin GSA), hereby gives notice that it intends to initiate development of a Groundwater Sustainability Plan (GSP) for the entire Castac Lake Valley Groundwater Basin (Castac Basin; Department of Water Resources [DWR] Basin No. 5-029).

On 17 April 2018, notice was provided to DWR regarding formation of the Castac Basin GSA, and DWR posted official public notice of the GSA formation on 26 April 2018. Composed of Tejon-Castac Water District (TCWD), Lebec County Water District (LCWD), and Kern County, the Castac Basin GSA overlies the entirety of the Castac Basin, which is a “very low priority” basin pursuant to the California Sustainable Groundwater Management Act (SGMA). The Legislature encourages and authorizes, but does not require, basins designated as very low priority to be managed under a GSP pursuant to SGMA (Water Code §10720.7). Voluntarily, the Castac Basin GSA intends to actively monitor groundwater conditions, and will proceed with GSP development in four general phases, ending with a GSP submittal to DWR by the statutory deadline of 31 January 2022.

The Castac Basin GSA welcomes the participation of interested parties in its development and implementation of the GSP. A Stakeholder Communication and Engagement Plan (SCEP) will be prepared during the first phase of GSP development to conform with requirements of the GSP regulations (i.e., CCR Title 23, §354.10) and to guide stakeholder engagement throughout the GSP development process. The SCEP will describe specific activities for informing interested members of the public, including periodic workshops, development of a website, and mailings (email and post).

Castac Basin GSA Board Meetings are open to the public and include opportunities for public comment. Technical presentations on GSP development will be made by technical specialists during the Board Meetings on a regular and as-needed basis. Regular Castac Basin GSA Board Meetings are held on the first Tuesday of each quarter (September, December, March, and June) at Lebec County Water District’s Office: 323 Frazier Mountain Park Road, Lebec, CA 93243. Written meeting materials will be posted to the Castac Basin GSA website at <https://www.castacgsa.org>.

Letter to California Department of Water Resources

4 September 2018

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If you have any questions or comments, please do not hesitate to contact me at:

4436 Lebec Road

Lebec, CA 93243

Phone: 661-663-4262

E-mail: amartin@tejonranch.com

Sincerely,

Angelica Martin

Castac Basin Groundwater Sustainability Agency



**Castac Basin
Groundwater Sustainability Agency**

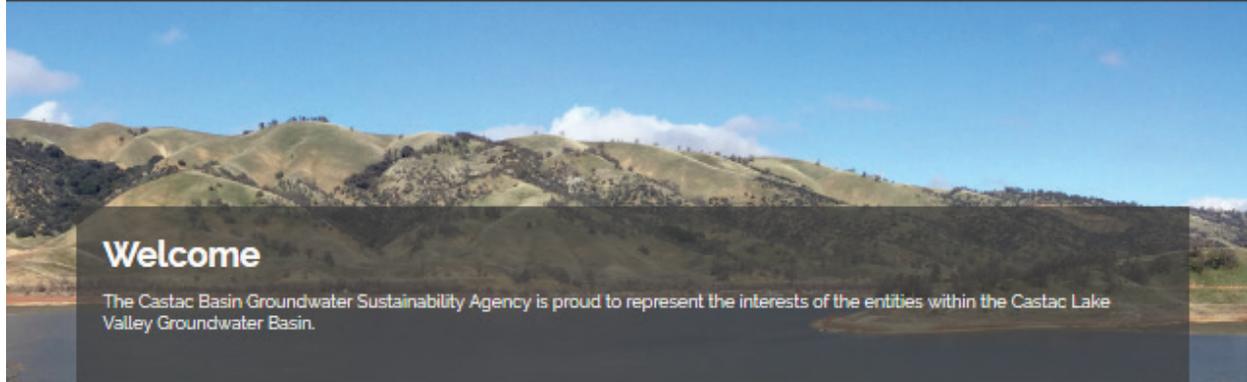
GROUNDWATER SUSTAINABILITY AGENCY WEBSITE AND DRAFT LOGO DESIGNS

(Item 4 of 7)

Castac Basin Groundwater Sustainability Agency

Contact Us

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BOARD



MEETINGS



TIMELINE



CONTACT



What is a Groundwater Sustainability Agency?

The Castac Basin Groundwater Sustainability Agency (Castac Basin GSA) was formed in April 2018 by Tejon-Castac Water District (TCWD), Lebec County Water District (LCWD), and Kern County..

[READ MORE >](#)



Timeline

The California Department of Water Resources (DWR) has designated the Castac Basin as very low priority. The Sustainable Groundwater Management Act of 2014 (SGMA) "authorizes and encourages" basins..

[READ MORE >](#)



Resources

Learn how you can help sustain our groundwater here.

[READ MORE >](#)

Upcoming Meetings

SEP 4 2018 Board Meeting



Design #1



Design #2



Design #3



**Castac Basin
Groundwater Sustainability Agency**

CASTAC BASIN GSP FACT SHEET #1

(Item 5 of 7)



Fact Sheet #1

Castac Basin’s Next Step in Complying with SGMA: Developing a Groundwater Sustainability Plan

What is SGMA?

Groundwater provides approximately one-third of the drinking water in California; it is a natural resource that sustains vital current and future needs. The Sustainable Groundwater Management Act of 2014 (SGMA) established California’s framework for managing groundwater resources. SGMA provides a process for landowners, water users, and agencies to work together to determine the best way to achieve sustainability within each groundwater basin.

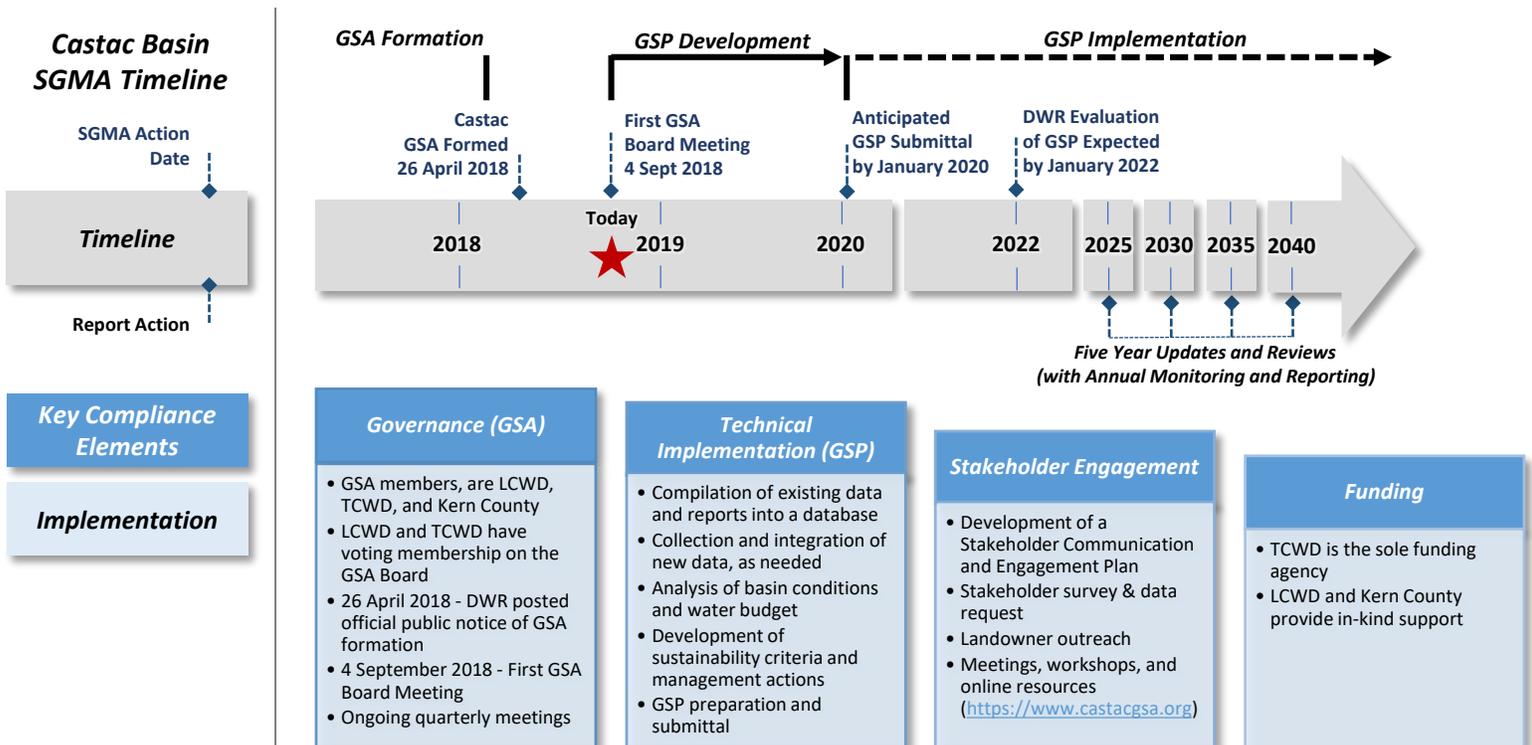
The SGMA states:

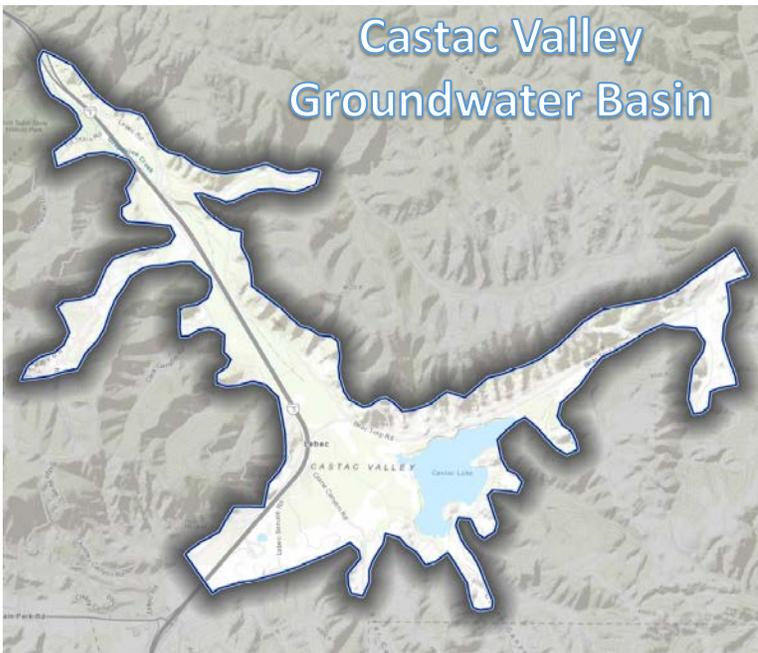
“The people of the state have a primary interest in the protection, management and reasonable beneficial use of the water resources of the state, both surface and underground, and that the integrated management of the state’s water resources is essential to meeting its water management goals.”

California’s Department of Water Resources (DWR) divides the state into 517 groundwater basins, with each assigned a priority ranking of high, medium, low, or very low, based on components identified in the California Water Code. The Castac Lake Valley Groundwater Basin (Castac Basin) is designated as a very low priority basin. The Legislature “authorizes and encourages” basins designated as very low priority to be managed under a Groundwater Sustainability Plan (GSP) pursuant to SGMA. The Castac Basin Groundwater Sustainability Agency (Castac Basin GSA) was formed in 2018 with the objective to monitor and assess groundwater conditions on a voluntary basis, and to proactively develop a GSP for the Castac Basin.

What are the key SGMA elements?

- Basins must be managed by Groundwater Sustainability Agencies
 - ✓ The Castac Basin GSA, formed in April 2018, is made up of three agencies, including Lebec County Water District (LCWD), Tejon-Castac Water District (TCWD), and Kern County
- Groundwater Sustainability Agencies must develop Groundwater Sustainability Plans
 - Castac Basin’s GSP is planned for submittal to DWR by January 2020.
- Basins must achieve clearly-defined sustainability criteria within 20 years of GSP adoption
 - Performance assessment: The GSP will be updated and reviewed every five years





How does SGMA affect Castac Basin?

Groundwater in the Castac Basin is a critical source of supply to LCWD and other local groundwater users. DWR has designated the Castac Basin as very low priority. DWR encourages (but does not require) very low priority basins to comply with SGMA and develop GSPs. The Castac Basin GSA has decided to proactively pursue groundwater sustainability by developing and implementing a GSP which will provide a transparent framework long-term protection and management of the local, shared resource.

Challenges for the Castac Basin:

- Castac Basin is the last of an interconnected chain of groundwater basins and will be affected by groundwater management in upgradient basins
- Stakeholder concerns for future growth, long-term reliability of groundwater supply, and effects of SGMA compliance
- Groundwater Dependent Ecosystems (GDEs), natural biological communities that need near-surface groundwater to survive
- Gaps in needed data – no formal active groundwater monitoring programs exist

What exactly is the GSP?

The GSP is a basin-wide plan which will set the path to maintain groundwater sustainability through SGMA's 50-year planning timeline. The GSP is required to include five major sections: 1) Description of the basin, 2) Characterization of the hydrogeologic conceptual model and water budget for the basin, 3) Criteria for sustainable management, 4) Projects and management actions to achieve sustainability, and 5) GSP implementation plans. The hydrogeologic conceptual model is an informational tool to help stakeholders understand the existing groundwater system, and will help determine where data gaps or issues may exist.

Groundwater sustainability will be determined by comparison to SGMA's six "*Sustainability Indicators*". These six quantifiable conditions define groundwater over-use when experienced at "significant and unreasonable" levels:

1. *Chronic Lowering of Groundwater Levels*
2. *Reduction of Groundwater Storage*
3. *Seawater Intrusion (in coastal basins; not a concern in Castac Basin)*
4. *Degraded Water Quality*
5. *Land Subsidence*
6. *Depletion of Interconnected Surface Water (lakes, rivers, and streams)*

The GSP will establish a measurable threshold for each sustainability indicator, providing a standard, based on local data, to determine and maintain groundwater sustainability within the Castac Basin.

How can you help?

The Castac Basin GSA's first step in developing the GSP is to gather information on groundwater pumping, water levels, and water quality (analytical lab data), which will help us understand current groundwater conditions and challenges faced by all basin residents. *Please help us out!* You can add your voice by responding to the *Stakeholder Survey and Data Request* published on the GSA's website (see below). The more data we receive, the better we will understand groundwater dynamics in the Castac Basin, which will allow more informed and thoughtful decisions for the long term.

The GSP development and implementation process is open for your input, and we welcome the participation of interested parties. Castac Basin GSA Board meetings are open to the public and include opportunities for public comment. Selected board meetings will include technical presentations by hydrogeologists, engineers, and other specialists. Two public workshops also will be held during GSP development, and a final public hearing will be held to review the draft GSP. Agendas will be published before each meeting.

Stay up-to-date by visiting the Castac Basin GSA website at: <https://www.castacqsa.org>

The Six SGMA "Sustainability Indicators"





**Castac Basin
Groundwater Sustainability Agency**

PUBLIC WATER SYSTEM DATA REQUEST LETTER

(Item 6 of 7)



Castac Basin Groundwater Sustainability Agency

Dear _____,

The Sustainability Groundwater Management Act (SGMA) provides the State of California's framework for managing public groundwater resources in a way that will benefit all Californians, especially future generations.

The Castac Basin Groundwater Sustainability Agency is preparing a Groundwater Sustainability Plan under SGMA to characterize groundwater conditions within the Castac Lake Valley Groundwater Basin (Basin), and to outline challenges faced by the Basin for future sustainable use of local groundwater. We are reaching out to you because you either operate wells within the Basin or supply potable water to customers within the Basin. We are requesting the following supply or monitoring well data from 2006 to the present, as available:

- Exact well locations as GPS coordinates (decimal latitude/longitude preferred), or detailed maps
- Well construction information:
 - date of installation
 - primary well use (agricultural, domestic, industrial, monitoring, etc.)
 - total well depth
 - screened intervals
 - casing diameter and material
 - pump intake depth, discharge pipe diameter
 - pump plate info (horsepower)
 - measuring point elevation
 - instrumentation (if any; e.g., pressure transducer, flowmeter, airline with gauge)
- Well construction logs, geologic logs, and/or geophysical logs
- Groundwater level data as depth to water and/or groundwater elevation. Please also provide date, time, and method used to measure water level, if known
- Monthly pumping rates and units of measure (gallons per minute, cubic feet per day, etc.)
- Groundwater quality data
- Aquifer pumping test data and analyses/reports



**Castac Basin
Groundwater Sustainability Agency**

We hope you can provide us with data from all wells you operate, so that we can more accurately characterize the Basin's historical and current groundwater conditions. More data allows a better understanding of current conditions, and therefore better-informed decisions for all Basin stakeholders.

Please email or call with any questions.

Sincerely,

Angelica Martin
Castac Basin Groundwater Sustainability Agency
4436 Lebec Rd.
Lebec, CA 93243
661-663-4262
amartin@tejonranch.com



**Castac Basin
Groundwater Sustainability Agency**

**MEMORANDUM OF AGREEMENT
WITH
KRISTA MUTUAL WATER COMPANY**
(Item 7 of 7)

**MEMORANDUM OF AGREEMENT
BETWEEN THE CASTAC LAKE VALLEY GROUNDWATER SUSTAINABILITY
AGENCY
AND KRISTA MUTUAL WATER COMPANY
UNDER THE
SUSTAINABLE GROUNDWATER MANAGEMENT ACT**

THIS MEMORANDUM OF AGREEMENT (“MOA”) is made and effective as of _____, 2018, by and between **Castac Lake Valley Groundwater Sustainability Agency** (“Castac Lake GSA”) and **Krista Mutual Water Company** (“KMWC”), collectively the “Parties,” with reference to the following facts:

A. In 2014, the State of California enacted the Sustainable Groundwater Management Act (Water Code Sections 10720 et seq.), referred to in this MOA as “SGMA” or the “Act,” as subsequently amended, pursuant to which certain public agencies may become or participate in a “Groundwater Sustainability Agency” (“GSA”) and adopt a “Groundwater Sustainability Plan” (“GSP”) in order to manage groundwater in underlying groundwater basins. The Act defines “Basin” as a groundwater basin or subbasin identified and defined in California Department of Water Resources (“DWR”) Bulletin 118.

B. The Castac Lake Valley Groundwater Basin (Basin No 5-29) has been designated very low priority pursuant to SGMA. The Legislature encourages and authorizes but does not require basins designated as very low priority to be managed pursuant to SGMA (Water Code section 10720.7) Very low priority basins are not subject to Chapter 11 of SGMA providing for “State Intervention” in certain circumstances. Accordingly, the Parties voluntarily create the GSA as hereinafter provided.

C. TCWD, LCWD and the County collectively encompass the entire Basin, are the agencies qualified to be a GSA under the Act, and did form a Joint Exercise of Powers Authority to act as the GSA for the Castac Lake Valley Groundwater Basin pursuant to that certain *Joint Powers Agreement for Formation of a Groundwater Sustainability Agency for the Castac Lake Valley Groundwater Basin Under the Sustainable Groundwater Management Act* (the “JPA”).

D. The map attached hereto as Exhibit A designates the boundaries of the Castac Lake Valley Groundwater Basin, and the boundaries of TCWD, LCWD, and KMWC are shown on said map, along with that portion of Kern County that is not within the boundaries of one of the other Parties.

E. Water Code 10723.6(b) authorizes a mutual water company to participate in a GSA through a memorandum of agreement, and KMWC wishes to participate in the Castac Lake GSA through this MOA, with no voting rights, and subject to the terms and conditions of the JPA.

THEREFORE, in consideration of the mutual promises set forth below and to implement the goals described above, the Parties agree as follows:

1. Defined Terms. Capitalized terms not otherwise defined herein shall have the meanings ascribed to them in the JPA.

2. Castac Lake Valley Groundwater Basin GSA. KMWC recognizes the formation of the Castac Basin GSA and the JPA, and acknowledges that nothing herein or KMWC's participation in the Castac Basin GSA shall conflict with the JPA.

3. Addition of KMWC to the JPA and to the GSA Governing Body. The Castac Lake GSA and KMWC hereby agree that KMWC shall be recognized as a "Party" under the JPA, subject to the limitations of SGMA on a mutual water company's participation in a groundwater sustainability agency. KMWC hereby consents to be bound by the terms and conditions of the JPA. KMWC shall be a non-voting member of the GSA Committee, and shall be represented on the GSA Committee by a designated person or his or her alternate.

4. Costs. Notwithstanding the terms and conditions of Section 6 of the JPA, or anything herein to the contrary other than Paragraph 7 below, the Parties hereby agree that KMWC may, but shall not be obligated to, incur costs associated with its membership in the JPA, including such charges as may be imposed upon the Parties by way of a levy. KMWC hereby acknowledges that its participation in activities of the JPA may be limited by KMWC's willingness to incur costs therefor.

5. Entire Agreement/Amendments/Counterparts. This MOA incorporates the entire and exclusive agreement of the Parties with respect to the matters described herein and supersedes all prior negotiations and agreements (written, oral, or otherwise) related thereto. This MOA may be amended only in a writing executed by all of the Parties. This MOA may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

6. Termination/Withdrawal. Without limiting the termination and withdrawal provisions set forth in Section 11 of the JPA, it is understood and agreed by the signatories hereto that this MOA may be terminated following thirty (30) days written notice.

7. Indemnification. No Party, nor any officer, director, employee or agent of a Party, shall be responsible for any damage or liability occurring by reason of anything done or omitted to be done by another Party under or in connection with this MOA. The Parties further agree that each party shall fully indemnify and hold harmless each other Party and its officers, directors, employees and agents from and against any claims, damages, losses, judgments, liabilities, expenses, and other cost, including litigation costs and attorney fees, arising out of, resulting from, or in connection with any action taken or omitted to be taken by such Party under this MOA.

IN WITNESS WHEREOF, the Parties have executed this MOA as of the date first above written.

[Signatures Follow on Next Page]

Castac Lake Groundwater Sustainability Agency

By _____

Address: _____

Email _____

Facsimile _____

Krista Mutual Water Company

By _____

Address: _____

Email _____

Facsimile _____

Approved and Consented to:

Tejon-Castac Water District

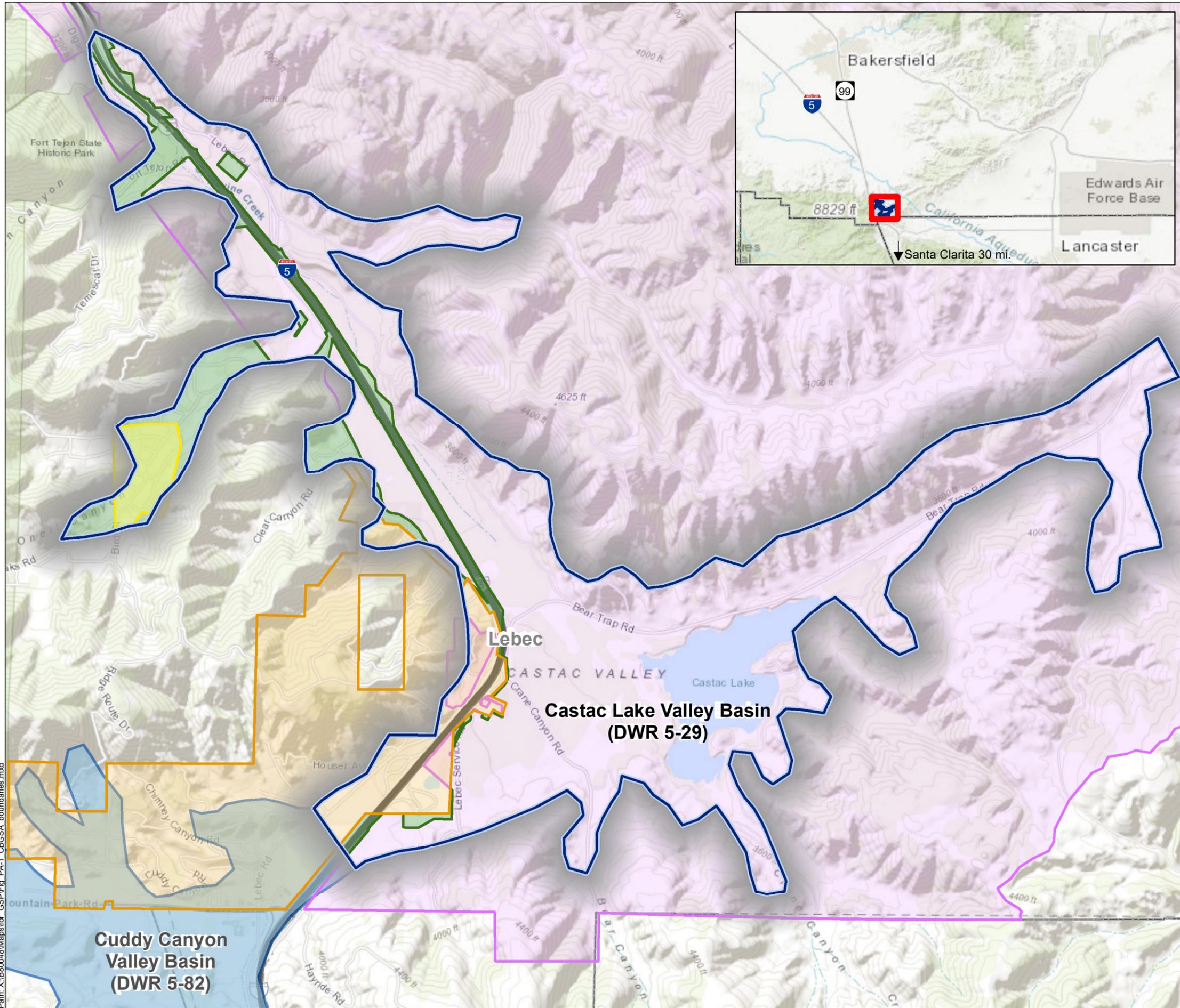
By: _____

Lebec County Water District

By: _____

County of Kern

By: _____

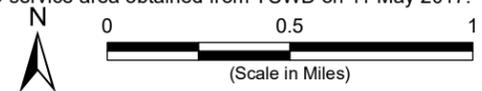


- Legend**
- Castac Basin GSA and Groundwater Basin Boundary
 - Krista Mutual Water Company
 - Lebec County Water District
 - Kern County (outside of LCWD and TCWD service areas)
 - Tejon-Castac Water District
 - Other Groundwater Basin
 - County Boundary

- Abbreviations**
- DWR = California Department of Water Resources
 - LCWD = Lebec County Water District
 - TCWD = Tejon-Castac Water District
 - GSA = Groundwater Sustainability Agency
 - CBGSA = Castac Basin 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. Groundwater basin boundaries from DWR Bulletin 118 Interim Update 2016.
 2. Basemap is ESRI's ArcGIS Online world topographic map, obtained 22 August 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 Groundwater Sustainability Agency Area and Jurisdictional Boundaries



Tejon-Castac Water District
 Kern County, California
 August 2018
 B80048.00

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