

CHOWCHILLA SUBBASIN

Sustainable Groundwater
Management Act (SGMA)

Groundwater Sustainability Plan

APPENDIX 1. INTRODUCTION

Technical Appendices 1.A. through 1.F.

January 2020

Revision 1 July 2022

Revision 2 May 2023



Prepared by

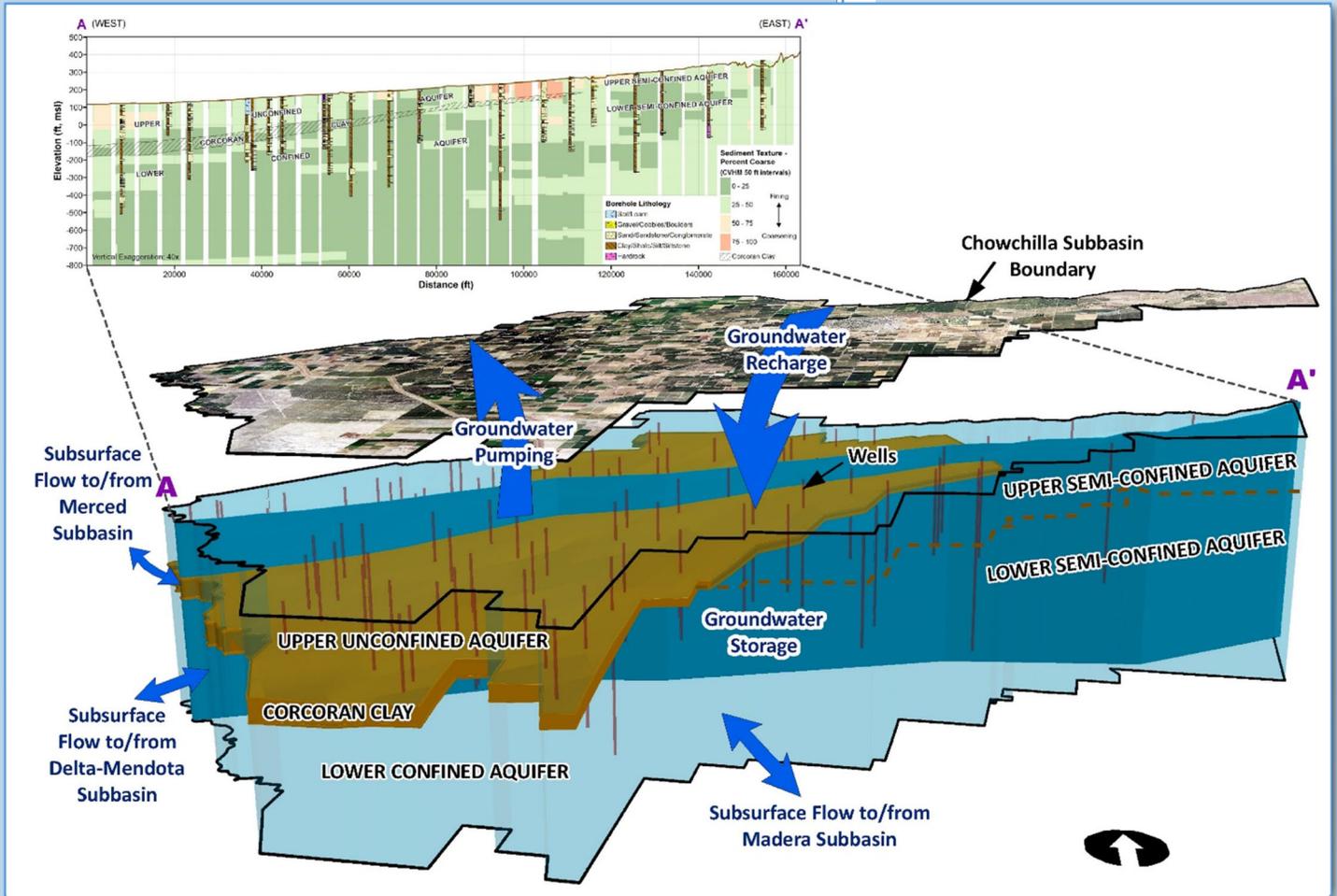
Dauids Engineering, Inc (Revised GSP Team)

Luhdorff & Scalmanini (Revised GSP Team)

ERA Economics

Stillwater Sciences and

California State University, Sacramento



Chowchilla Subbasin

Sustainable Groundwater
Management Act

Groundwater Sustainability Plan

Technical Appendices 1.A. through 1.F.

January 2020

Revision 1 July 2022

Revision 2 May 2023

Prepared For

Chowchilla Subbasin GSP Advisory Committee

Prepared By

Davids Engineering, Inc (Revised GSP Team)

Luhdorff & Scalmanini (Revised GSP Team

ERA Economics

Stillwater Sciences and

California State University, Sacramento

APPENDIX 1. INTRODUCTION

- 1.A. Chowchilla Water District's Groundwater Sustainability Agency Formation Notice.
- 1.B. Madera County's Groundwater Sustainability Agency Formation Notice.
- 1.C. Merced County's Groundwater Sustainability Agency Formation Notice.
- 1.D. Triangle T Water District's Groundwater Sustainability Agency Formation Notice.
- 1.E. GSP Adoption Resolutions, Meeting Minutes and Notices.
- 1.F. Glossary: SGMA Definitions

**APPENDIX 1.A. CHOWCHILLA WATER DISTRICT'S GROUNDWATER
SUSTAINABILITY AGENCY FORMATION NOTICE**

Prepared as part of the
**Groundwater Sustainability Plan
Chowchilla Subbasin**

January 2020

GSP Team:

Davids Engineering, Inc
Luhdorff & Scalmanini
ERA Economics
Stillwater Sciences and
California State University, Sacramento

CHOWCHILLA WATER DISTRICT

RESOLUTION NO. 2016-17

RESOLUTION ELECTING TO ESTABLISH CHOWCHILLA WATER DISTRICT AS A GROUNDWATER SUSTAINABILITY AGENCY FOR THOSE PORTIONS OF THE CHOWCHILLA SUBBASIN OF THE SAN JOAQUIN VALLEY GROUNDWATER BASIN

WHEREAS, the California Legislature passed a statewide framework for sustainable groundwater management, known as the Sustainable Groundwater Management Act (California Water Code § 10720 *et seq.*) pursuant to Senate Bill 1168, Senate Bill 1319, and Assembly Bill 1739, which was approved by the Governor and Chaptered by the Secretary of State on September 16, 2014; and

WHEREAS, the SGMA went into effect on January 1, 2015; and,

WHEREAS, the SGMA requires all high- and medium-priority groundwater basins, as designated by the California Department of Water Resources (DWR) Bulletin 118, to be managed by a Groundwater Sustainability Agency (GSA) or multiple GSAs; and,

WHEREAS, the Chowchilla Groundwater Sub-basin has been designated by DWR as a high-priority basin and in critical groundwater overdraft; and,

WHEREAS, the SGMA authorizes a local public agency overlying a groundwater sub-basin to elect to become a GSA; and,

WHEREAS, Chowchilla Water District (the "District") is a local public agency as defined under the SGMA and is therefore eligible to serve as a GSA; and,

WHEREAS, Section 10723.2 of the SGMA requires that a GSA consider the interests of all beneficial uses and users of groundwater, as well as those responsible for implementing groundwater sustainability plans; and,

WHEREAS, Section 10723.8 of the SGMA requires that a local public agency electing to be a GSA to notify the DWR of its election and intention to undertake sustainable groundwater management within a sub-basin; and,

WHEREAS, the District is committed to sustainable management of its groundwater resources; and,

WHEREAS, pursuant to Government Code Section 6066, notices of a public hearing regarding whether to adopt a Resolution to elect to become a GSA were published on November 30th and December 7th, 2016 in the Chowchilla News; and Merced Sun Star.

WHEREAS, the District held a public hearing on December 14, 2016, after publication of notice pursuant to Government Code section 6066 to consider adoption of this Resolution; and,

WHEREAS, the District wishes to exercise the powers and authorities of a GSA granted by the SGMA;

NOW, THEREFORE, BE IT RESOLVED that this Board of Directors of Chowchilla Water District hereby elects to become a GSA for those portions of Chowchilla subbasin shown in the map attached hereto as **Exhibit A**; and,

BE IT FURTHER RESOLVED that the District authorizes the General Manager to, within 30 days from the date of this Resolution, provide notification of this election to the DWR, including a copy of this Resolution and additional information required by Water Code Section 10723.8, in the manner required by law.

AYES: Upton, Mandala, Taylor, Harris, and Maddalena

NOES: None

ABSENT: None

ATTEST:

Brandon Tomlinson



General Manager

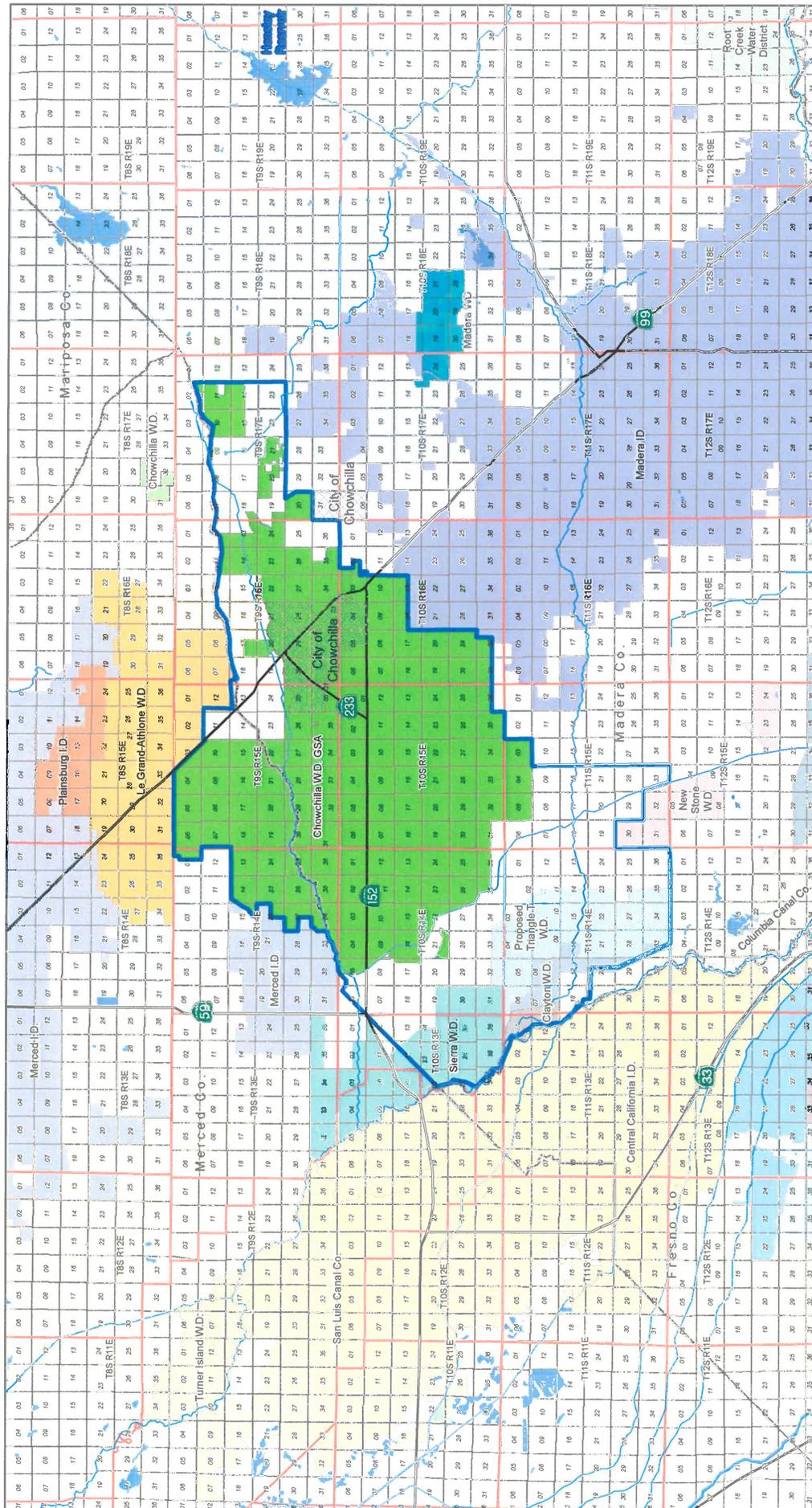
CERTIFICATE OF SECRETARY

The undersigned, Secretary of the Chowchilla Water District, hereby certifies that the foregoing Resolution was adopted by the Board of Directors of said District at a meeting thereof, duly and specially held on December 14th, 2016 at which meeting a quorum of the Board of Directors was at all times present and acting.

IN WITNESS WHEREOF, I have set my hand this 14th day of December, 2016.



Secretary



Chowchilla Water District GSA

*Groundwater Subbasin boundaries are considered approximate.

0 1 2 Miles

County Line

PLS Townships

Chowchilla W.D. GSA

Chowchilla Subbasin

PROVOST & PRITCHARD
CONSULTING GROUP
An Employee Owned Company

286 W. Cromwell Ave.
Fresno, CA 93711-6162
(559) 449-2700

G:\Chowchilla WD - 1049104915002 SBx7-7 Supplement 2015\GIS\Map\GSA_related_subbasin_final.draft.mxd

EXHIBIT B
Notice of Public Hearing

AFFIDAVIT OF PUBLICATION

Account #	Ad Number	Identification	PO	Cols	Lines
336260	0002745190	HEARING 12/14/16 LELA BEATTY	/MS HEARING 12/14 LELA BEAT	1	41

Attention:

CHOWCHILLA WATER DISTRICT - LEGALS
 PO BOX 905
 CHOWCHILLA, CA 93610

**Declaration of Publication
 2015.5 C.C.P.**

STATE OF CALIFORNIA)
) ss.
 County of Merced)

CHOWCHILLA WATER DISTRICT
 NOTICE OF PUBLIC HEARING
 ELECTION TO BECOME A
 GROUNDWATER
 SUSTAINABILITY AGENCY
 UNDER THE SUSTAINABLE
 GROUNDWATER MANAGEMENT
 ACT

NOTICE IS HEARBY GIVEN that, pursuant to Water Code Section 10723, the Chowchilla Water District (District) will hold a public hearing during a regular meeting of the District Board of Directors on December 14, 2016, commencing at 1:30 PM at the District's office at 327 S. Chowchilla Blvd, Chowchilla, CA 93610, to determine whether the District will become a Groundwater Sustainability Agency for a portion of the Chowchilla Groundwater Subbasin of the San Joaquin Valley Groundwater Basin. Written Comments may be submitted to the District, Attn. Board Secretary (blomlinson@cwdwater.com) no later than 5:00 PM on December 13, 2016, or to the District's office at the address above. During the Hearing, the District will allow oral comments and will receive additional written comments before making a decision. The Presiding Officer may limit oral comments to a reasonable length.

Dated: November 30, 2016
 Published: November 30 and December 7, 2016
 MER-2745190 11/30, 12/7

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer of the Merced Sun-Star, a newspaper of general circulation, printed and published in the city of Merced, County of Merced, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Merced, State of California, under the date of July 14, 1964 Case Number 33224 that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

November 30, 2016, December 07, 2016

I certify (or declare) under penalty of perjury that the foregoing is true and correct and that this declaration was executed at Merced, California on:

Date: 7th, day of December, 2016



Signature

AFFIDAVIT OF PUBLICATION

Account #	Ad Number	Identification	PO	Cols	Lines
336260	0002745190	HEARING 12/14/16 LELA BEATYY	/MS HEARING 12/14 LELA BEAT	1	41

Attention:

CHOWCHILLA WATER DISTRICT - LEGALS
 PO BOX 905
 CHOWCHILLA, CA 93610

CHOWCHILLA WATER DISTRICT
 NOTICE OF PUBLIC HEARING
 ELECTION TO BECOME A
 GROUNDWATER
 SUSTAINABILITY AGENCY
 UNDER THE SUSTAINABLE
 GROUNDWATER MANAGEMENT
 ACT

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Dated: November 30, 2016

Published: November 30 and December 7, 2016
 CN- 2745190 11/30, 12/7

**Declaration of Publication
 2015.5 C.C.P.**

STATE OF CALIFORNIA)
) ss.
 County of Madera)

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer of the Chowchilla News, a newspaper of general circulation, printed and published in the city of Chowchilla, County of Madera, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Madera, State of California, under the date of June 10, 1918 Case Number 1943 that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

November 30, 2016, December 07, 2016

I certify (or declare) under penalty of perjury that the foregoing is true and correct and that this declaration was executed at Chowchilla, California on:

Date: 7th, day of December, 2016

Patty Mandull

 Signature

EXHIBIT C
LIST OF INTERESTED PARTIES

Chowchilla Water District

Post Office Box 905 ♦ 327 S. Chowchilla Blvd. ♦ Chowchilla, CA 93610
Phone (559) 665-3747 ♦ Fax (559) 665-3740 ♦ Email dwelch@cwdwater.com

Board of Directors

Dan Maddalena ♦ Michael Mandala ♦ Vince Taylor ♦ Kole M. Upton ♦ Russell Harris

December 22, 2016

Via Email & U.S. Mail

Mr. Mark Nordberg, GSA Project Manager
Senior Engineering Geologist
California Department of Water Resources
901 P Street, Room 213A
P.O. Box 942836
Sacramento, CA 94236
Mark.Nordberg@water.ca.gov

Mr. Dane Mathis
Sup. Engineering Geologist
3374 East Shields Avenue
Fresno, CA 93726
Dane.Mathis@water.ca.gov

RE: ***Notice of the Chowchilla Water District Intent to Serve as Groundwater
Sustainability Agency for a Portion of the Chowchilla Groundwater Subbasin***

Gentlemen:

This letter constitutes notice to the Department of Water Resources (DWR), pursuant to Water Code sections 10723(d) and 10723.8, of the Chowchilla Water District's (CWD or District) intent to undertake sustainable groundwater management of a portion of the Chowchilla Subbasin (the Basin) as a Groundwater Sustainability Agency (GSA) pursuant to the Sustainable Groundwater Management Act (SGMA). The District is a public agency with water supply and water management responsibilities in over half of the surface acreage of the Basin.

The proposed Chowchilla Water District GSA management area is about 86,000 acres, or about 59% of the entire Basin (145,940 acres). The GSA will include that portion of the City of Chowchilla that falls within the District service area in the Basin. The District will coordinate with the City of Chowchilla in the development and implementation of the Groundwater Sustainability Plan (GSP).

The District has been actively coordinating efforts with other local agencies¹ and other interests² in the Basin and intends to enter into a memorandum of understanding or other form of agreement with these parties to coordinate preparation of a single Groundwater Sustainability Plan for the Basin.

The District has held several public meetings to receive input on whether the District should serve as the GSA.³ On December 14, 2016, the District held a public hearing to receive public comment on the proposed GSA. Notice of this hearing was provided in compliance with Water Code Section 10723(b) and Government Code Section 6066.

There were no comments submitted prior to or during the hearing on December 14, 2016,

At the conclusion of the December 14, 2016 hearing, the District Board of Directors adopted Resolution No. 2016-17, electing to serve as the GSA. This notice of intent is timely filed within 30 days of the date of that action.

Copies of the Resolution and a map showing the proposed Chowchilla Water District GSA management area are attached. No new bylaws, ordinances, or other new authorities were adopted in connection with this resolution to serve as GSA.

Interested Parties

Pursuant to Sections 10723.2 and 10723.8(a)(4) of the Water Code, the following is a list of “interested parties” in the Basin, followed by an explanation on how their interests will be considered in the development and operation of the GSA and development and implementation of the GSP:

(a) Holders of overlying groundwater rights, including:

(1) Agricultural users

The District encompasses about 86,000 acres of which about 75,000 acres are irrigated agriculture. The District’s agricultural users receive surface water through the District from the Friant Dam via the Madera Canal and the Buchanan Dam via the Chowchilla River and are also groundwater users.

¹ City of Chowchilla, County of Madera, County of Merced, Clayton Water District, and landowners forming the Triangle T Water District.

² Sierra Vista Mutual Water Company, Madera County Farm Bureau

³ June 15, 2016, October 12, 2016, November 9, 2016, December 13, 2016, December 14, 2016

(2) Domestic well owners

There are over 600 domestic wells within the proposed GSA management area.

(b) Municipal well operators

City of Chowchilla, MD 33 Fairmead, MD85 Valeta

(c) Public water systems

See Municipal well operators, above. Additional public water systems within the proposed GSA management area may be identified during the SGMA implementation process.

(d) Local land use planning agencies

Madera and Merced Counties

(e) Environmental users of groundwater

N/A. None within the proposed GSA management area.

(f) Surface water users, if there is a hydrologic connection between surface and groundwater bodies

The District manages the delivery of surface water used within the proposed management area. The interests of other nearby holders of surface water rights will be considered in the development of the GSP.

(g) The federal government, including, but not limited to, the military and managers of federal lands

N/A.

(h) California Native American tribes

N/A. None within the proposed GSA management area.

(i) Disadvantaged communities, including, but not limited to, those served by private domestic wells or small community water systems

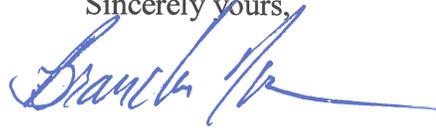
There are disadvantaged communities near and adjacent to the proposed management area: Fairmead, Chowchilla

(j) Entities listed in Section 10927 that are monitoring and reporting groundwater elevations in all or a part of a groundwater basin managed by the groundwater sustainability agency

Merced Area Groundwater Pool Interests (MAGPI)
Madera-Chowchilla CASGEM Group

The interests of the interested parties identified above will be considered in the development and operation of the GSA and the development and implementation of the GSP. The District is committed to an open and inclusive process to implement SGMA. Interested parties will have opportunities, both formal and informal, to provide input to the District throughout the process of developing, operating, and implementing the GSA and GSP. Such opportunities may include, but are not limited to, public workshops and comment periods required by SGMA (e.g., Water Code section 10728.4); opportunities for public comment during the District regular and special board meetings; and at other times to be determined and noticed pursuant to Water Code section 10727.8(a)).

Sincerely yours,



Brandon Tomlinson
Acting General Manager
Chowchilla Water District

Enclosures

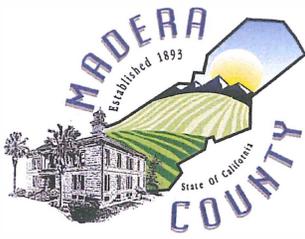
**APPENDIX 1.B. MADERA COUNTY'S GROUNDWATER
SUSTAINABILITY AGENCY FORMATION NOTICE**

Prepared as part of the
**Groundwater Sustainability Plan
Chowchilla Subbasin**

January 2020

GSP Team:

Davids Engineering, Inc
Luhdorff & Scalmanini
ERA Economics
Stillwater Sciences and
California State University, Sacramento



WATER AND NATURAL RESOURCES DEPARTMENT

JULIA D. BERRY
DIRECTOR

200 W. Fourth St.
Suite 3100
Madera, CA 93637
(559) 675-7821
FAX (559) 675-6573
mcwater@madera-county.com

January 27, 2017

To Whom it May Concern,

The County of Madera (County) is writing to inform your agency of the County's decision to initiate the process to become a Groundwater Sustainability Agency (GSA) for a portion of the lands within the Chowchilla Subbasin boundary, see Exhibit A. The County is comprised of three subbasins: (1) the Madera Subbasin, (2) the Delta-Mendota Subbasin and (3) the Chowchilla Subbasin. The Sustainable Groundwater Management Act (SGMA) requires local public agencies who want to manage groundwater to follow a public process to become a GSA. Any local agency that has land use, water supply, or water management responsibilities can elect to become a GSA within its political boundaries.

The County intends to commence the GSA formation process, see enclosed notification. The commencement of this process is part of an overall strategy by the County to file with the Department of Water Resources after the other agencies in each subbasin completed or initiated the GSA formation process. This strategy was followed with a goal of insuring coverage for the entire subbasins to achieve compliance with SGMA. Madera County looks forward to cooperating with your agency in the development and implementation of the Groundwater Sustainability Plan (GSP) to preserve our local resources.

Sincerely,

Julia D. Berry
Director, Madera County
Water and Natural Resources Department

Enclosures: Exhibit A – GSA Boundaries
Madera County Service Area
Notice of Intent

Exhibit A

County of Madera Resolution Electing to Form the Madera County Groundwater Sustainability
Agency Within the Chowchilla Groundwater Subbasin and Map

BEFORE
THE BOARD OF SUPERVISORS
OF THE COUNTY OF MADERA
STATE OF CALIFORNIA

In the Matter of	)	Resolution No.: <u>2017 - 014</u>
)	
THE SUSTAINABLE GROUNDWATER MANAGEMENT ACT	)	A RESOLUTION ELECTING TO SERVE AS THE GROUNDWATER SUSTAINABILITY AGENCY FOR THE
Madera County – Chowchilla Subbasin	)	CHOWCHILLA SUBBASIN
_____)	

WHEREAS, the Sustainable Groundwater Management Act of 2014 Water Code Sections 10720-10737.8 (“the Act”) was signed into law on September 16, 2014; and

WHEREAS, the Act requires that each California groundwater basin be managed by a Groundwater Sustainability Agency (“GSA”), or multiple GSAs, and that such management be implemented pursuant to an approved Groundwater Sustainability Plan (“GSP”) or multiple GSPs; and

WHEREAS, Madera County encompasses the Chowchilla Subbasin (Basin No. 5-22.05) in the San Joaquin Valley Groundwater basin, an unadjudicated groundwater basin; and

WHEREAS, Madera County is a public agency as defined in section 10721 of the Water Code; and

WHEREAS, the County is authorized to be a GSA for portions of the Chowchilla Subbasin pursuant to section 10723(a); and

WHEREAS, notice of a public hearing to consider whether the District should become a GSA was published in the Chowchilla News newspaper Notice as required by section 6066 of the Government Code and is attached hereto as “Exhibit A”; and

WHEREAS, the County held a public hearing at which the County Board of Supervisors

considered whether the County should be a GSA for the Basin; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of the County of Madera, State of California, that:

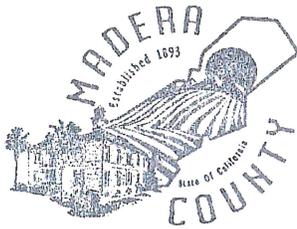
1. Madera County elects to be the exclusive Groundwater Sustainability Agency for a portion of the Chowchilla Subbasin, shown on the map attached hereto as "Exhibit B" and incorporated herein by reference.
2. Within 30 days of the date of this resolution, the Director of the County Department of Water and Natural Resources is directed to submit a notice of intent to the Department of Water Resources, pursuant to Water Code section 10723.8(a).
3. The Director shall after complying with Water Code section 10727.8, begin the process of developing the Groundwater Sustainability Plan for the basin in accordance with all applicable statutes and regulations.
4. The Director shall report on an ongoing basis the progress of implementation of the Act to the County Board of Supervisors.

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* * * * *

The foregoing Resolution was adopted this 24th day of January, 2017, by the following vote:

Supervisor Frazier voted	<u>yes</u>
Supervisor Rogers voted:	<u>yes</u>
Supervisor Poythress voted:	<u>yes</u>
Supervisor Rodriguez voted:	<u>yes</u>
Supervisor Wheeler voted:	<u>yes</u>



[Signature]
Chairman, Board of Supervisors

ATTEST:

[Signature]
Clerk, Board of Supervisors

Approved as to Legal Form:
COUNTY COUNSEL

By [Signature]
Dale E. Bacigalupi

Digitally signed by: Dale E. Bacigalupi
DN: CN = Dale E. Bacigalupi email =
dbacigalupi@lozano-smith.com C = US
Date: 2016.11.16 13:14:37 -0800

Legend

-  Madera County
-  Chowchilla Subbasin
-  City of Chowchilla
-  Madera County GSA
-  Chowchilla Water District
-  Clayton Water District

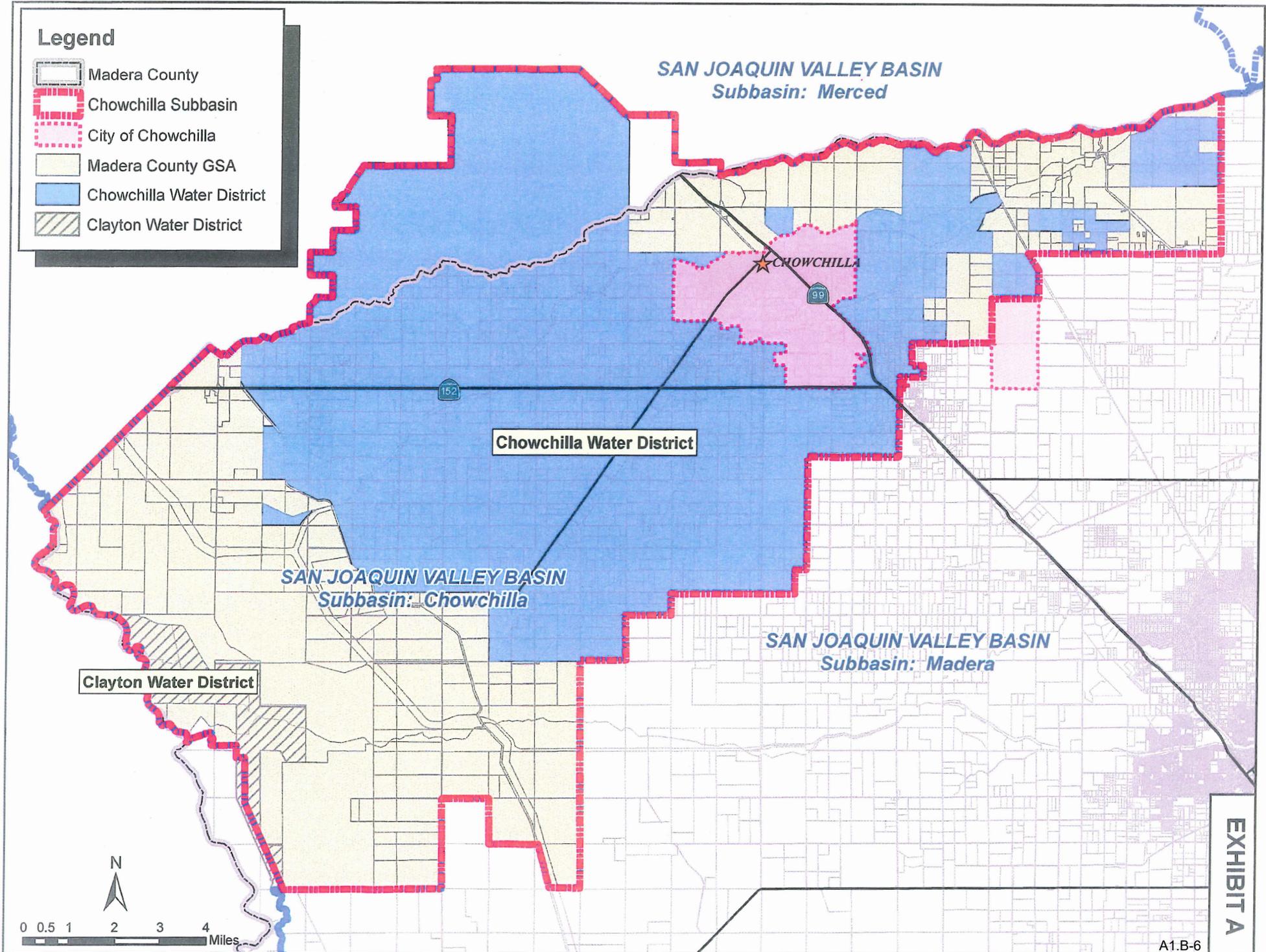
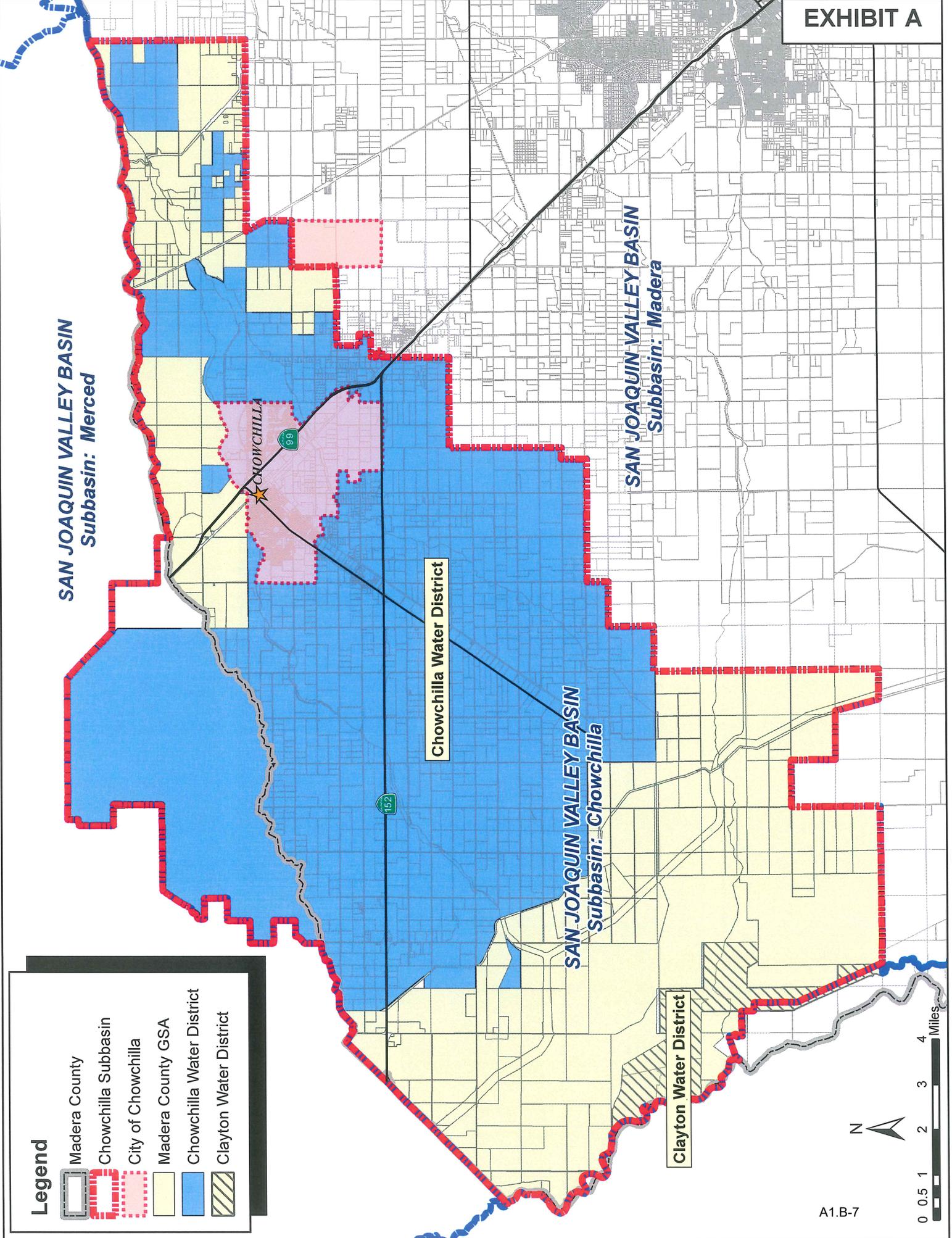


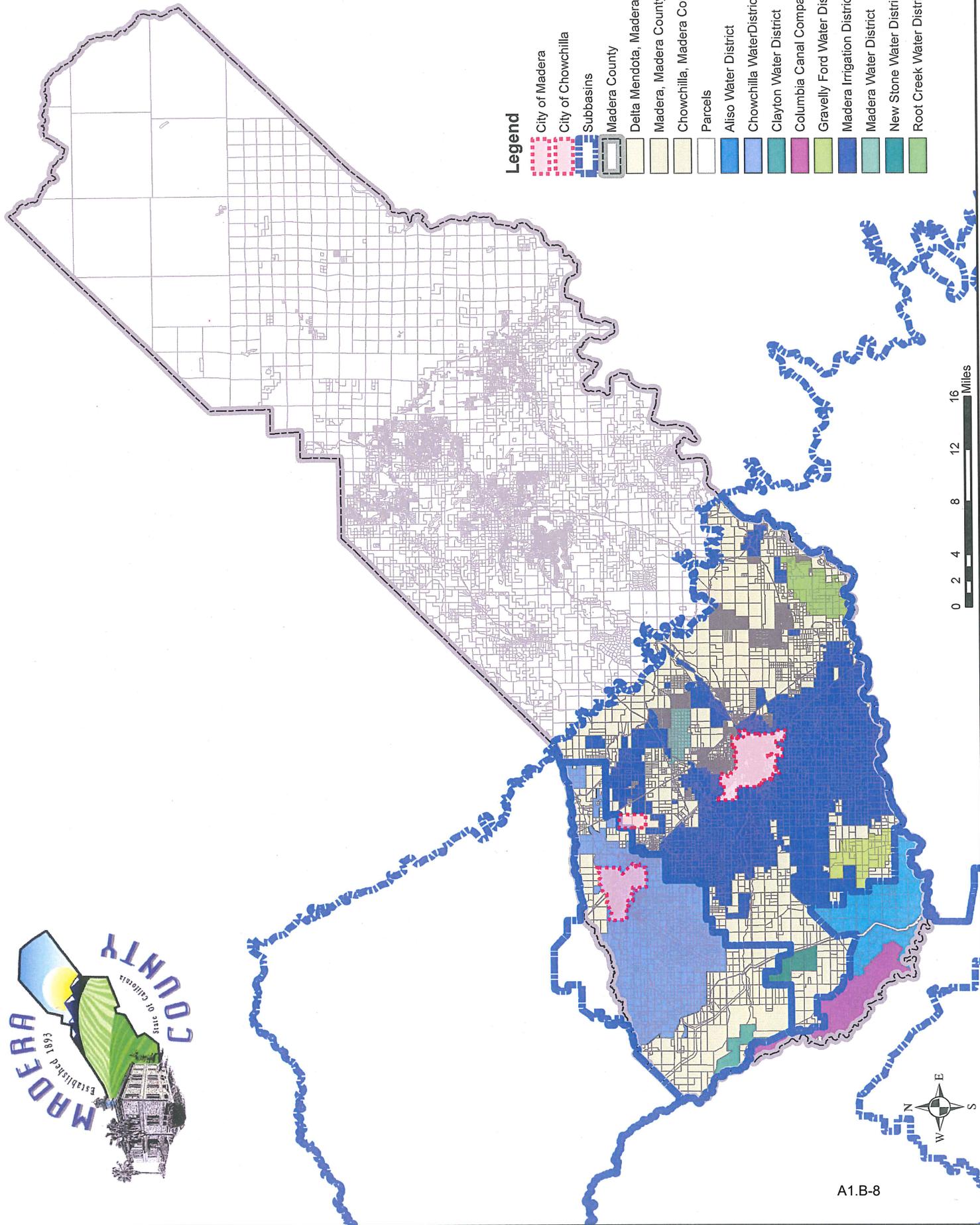
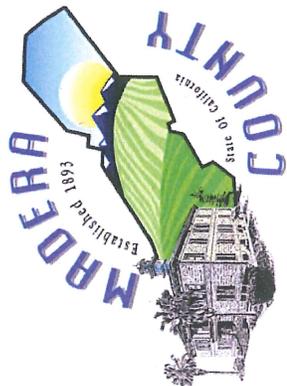
EXHIBIT A



Legend

-  Madera County
-  Chowchilla Subbasin
-  City of Chowchilla
-  Madera County GSA
-  Chowchilla Water District
-  Clayton Water District





Legend

-  City of Madera
-  City of Chowchilla
-  Subbasins
-  Madera County
-  Delta Mendota, Madera County GSA
-  Madera, Madera County GSA
-  Chowchilla, Madera County GSA
-  Parcels
-  Aliso Water District
-  Chowchilla Water District
-  Clayton Water District
-  Columbia Canal Company
-  Gravelly Ford Water District
-  Madera Irrigation District
-  Madera Water District
-  New Stone Water District
-  Root Creek Water District



Exhibit B

Notice of Public Hearing

AFFIDAVIT OF PUBLICATION

Account #	Ad Number	Identification	PO	Cols	Lines
337639	0002846803	HEARING CHOWCHILLA SUBBASIN ANNETTE KEPHART	ARING SUBBASIN ANNETTE KEI	1	40

Attention:

MADERA COUNTY PLANNING - LEGALS
 200 W. 4TH STREET, SUITE 3100
 MADERA, CA 93637

**Declaration of Publication
 2015.5 C.C.P.**

STATE OF CALIFORNIA)
) ss.
 County of Madera)

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that on January 24, 2017 at their regular meeting in the Board of Supervisors' Chambers located at the Madera County Government Center, 200 West 4th Street, Madera, California, the Board of Supervisors will hold a public hearing to consider the following application:

10:00 A.M.: Hearing, pursuant to Water Code Section 10723, to determine whether the County will become a Groundwater Sustainability Agency for a portion of the Chowchilla Subbasin of the San Joaquin Valley Groundwater Basin. Written comments may be submitted to the County, Attn: Julia Berry, Department of Water and Natural Resources, 3rd floor of the County Administration Building, or via email: mcwater@madera-county.com, no later than 3:00 PM January 20, 2017. Members of the public will be allowed to make oral comments in addition to written comments submitted before making a decision. Oral comments will be limited to 3 minutes per individual.

Dated: December 28th, 2016

RHONDA CARGILL, Chief Clerk of the Board of Supervisors in and for the County of Madera, State of California.
 CN- 2846803 12/28, 4

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer of the Chowchilla News, a newspaper of general circulation, printed and published in the city of Chowchilla, County of Madera, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Madera, State of California, under the date of June 10, 1918 Case Number 1943 that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

December 28, 2016, January 04, 2017

I certify (or declare) under penalty of perjury that the foregoing is true and correct and that this declaration was executed at Chowchilla, California on:

Date: 4th, day of January, 2017

Patz Marshall

Signature

RECEIVED

JAN 11 2017

MADERA COUNTY PLANNING

Ad Order Information

Ad Number Ad Type Production Method Production Notes
0002846803-01 MER-Legal Liner AdBooker

External Ad Number Ad Attributes Ad Released Pick Up
No

Ad Size Color
1 X 40 II

Product Placement Times Run Schedule Cost
MER-Chowchilla News 0300 - Legals Classified 2 \$117.60

Run Schedule Invoice Text Position
HEARING CHOWCHILLA SUBBASIN ANNETTE KI 0301 - Legals & Public Notices

Run Dates
12/28/2016, 01/04/2017

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that on January 24, 2017 of their regular meeting in the Board of Supervisors' Chambers, located at the Madera County Government Center, 200 West 4th Street, Madera, California, the Board of Supervisors will hold a public hearing to consider the following application:

10:00 A.M. Hearing pursuant to Water Code Section 10723, to determine whether the County will become a Groundwater Sustainability Agency for a portion of the Chowchilla Subbasin of the San Joaquin Valley Groundwater Basin. Written comments may be submitted to the County, Attn: Julia Berry, Department of Water and Natural Resources, 3rd floor of the County Administration Building, or via email: mcwater@madera-county.com, no later than 3:00 P.M. January 20, 2017. Members of the public will be allowed to make oral comments in addition to written comments submitted before making a decision. Oral comments will be limited to 3 minutes per individual.

Dated: December 28th, 2016.

RHONDA CARGILL, Chief Clerk of the Board of Supervisors in and for the County of Madera, State of California.
CN-2846803 12/28, 4

EXHIBIT C
LIST OF INTERESTED PARTIES



WATER AND NATURAL RESOURCES DEPARTMENT

JULIA D. BERRY
DIRECTOR

200 W. Fourth St.
Suite 3100
Madera, CA 93637
(559) 675-7821
FAX (559) 675-6573
mcwater@madera-county.com

January 27, 2017

Via Email & U.S. Mail

Mr. Mark Nordberg, GSA Project Manager
Senior Engineering Geologist
California Department of Water Resources
901 P Street, Room 213-B
P.O. Box 942836
Sacramento, CA 94236
Mark.Nordberg@water.ca.gov

Mr. Dane Mathis
Sup. Engineering Geologist
3374 East Shield Avenue
Fresno, CA 93726
Dane.Mathis@water.ca.gov

Mr. Mike McKenzie
Senior Engineering Geologist
3374 East Shields Avenue
Fresno, CA 93726
Charles.McKenzie@water.ca.gov

RE: *Notice of Madera County's Intent to Serve as Groundwater Sustainability Agency for a portion of the Chowchilla Subbasin*

To Whom it May Concern,

This letter constitutes notice to the Department of Water Resources (DWR) of the County of Madera's (County) intent to undertake sustainable groundwater management in the Chowchilla Subbasin (Basin) as a Groundwater Sustainability Agency (GSA) pursuant to the Sustainability Groundwater Management Act (SGMA). Madera County is a political subdivision of the State of California established under the state Constitution, and is eligible to serve as a GSA. This notice of intent is timely filed within 30 days of the date Madera County's Board of Supervisor's (Board) approved its January 24, 2017 resolution electing to serve as a GSA.

This notice also includes all information required to be submitted pursuant to Section 10723.8(a) of the Water Code. This notice encloses a map depicting the County's proposed GSA management area. (Water Code, § 10723.8, subd. (a)(1).) The County's proposed management area is within the County's service area. It is not the intention of Madera County to overlap any neighboring agencies which have formed or are in the process of forming GSAs. Groundwater Sustainability Agencies in the Chowchilla Subbasin will include: (1) Chowchilla Water District/City of Chowchilla, (2) Merced County and the (3) County of Madera/Clayton Water District.

The County's resolution electing to form a GSA is also enclosed. Also, attached to the resolution is the "Proof of Publication" for public noticing. No new bylaws, ordinances, or other new authorities were adopted in connection with this resolution to serve as a GSA.

Pursuant to Section 10723.8(a)(4) of the Water Code, the following is a list of "interested parties developed pursuant to Water Code Section 10723.2 and an explanation of how their interests will be considered in the development and operation of the groundwater sustainability agency and the development and implementation of the sustainability plan."

Specifically, Section 10723.2 of the Water Code requires a GSA to "consider the interests of all beneficial uses and users of groundwater, as well as those responsible for implementing GSPs," including the following interests:

(a) *Holders of overlying groundwater rights, including:*

(1) *Agricultural users.*

- The area to be managed by Madera County is comprised of many agricultural users of groundwater who rely on groundwater solely for irrigation purposes. The County will engage agricultural groundwater users in the process through public outreach, including the Madera County Water Association and the Madera County Farm Bureau.

(2) *Domestic Well owners.*

- The area includes domestic well users. The County intends to reach out and engage this portion of groundwater users.

(b) *Municipal well operators.*

- There are no municipal well operators.

(c) *Public water systems.*

- There are two (2) Public Water Systems and one Mutual Water Company in the Madera County Responsible Area, which will be considered and engaged in the process.

(d) *Local land use planning agencies.*

- Madera County is the local land use authority in the boundary to be managed by the Groundwater Sustainability Agency.

(e) *Environmental users of groundwater.*

- Not applicable.

(f) *Surface water users, if there is a hydrologic connection between surface and groundwater bodies.*

- There is no hydrologic connection between surface water and groundwater flows. The surface water features in and near the County's service area: the San Joaquin River, the Fresno River, and the Chowchilla Bypass.

(g) *The federal government, including, but not limited to, the military and managers of federal lands.*

- Not applicable.

(h) *California Native American Tribes.*

- Not applicable.

(i) *Disadvantaged communities, including, but not limited to, those served by private domestic wells or small community water systems.*

- Alview School is a Disadvantaged Community which will be engaged in this process.

(j) *Entities listed in Section 10927 that are monitoring.*

- The Madera-Chowchilla CASGEM Group currently covers the County service area, and Madera County participates in the reporting.

Interested parties will have several opportunities, both formally and informally, to provide input to Madera County throughout the process of developing, operating, and implementing the GSA including, but not limited to, comment during regularly scheduled County Board of Supervisor's hearings, and at other times to be determined and noticed pursuant to Water Code section 10727.8(a).

Should you have any further questions, feel free to contact me at (559) 675-7821.

Sincerely,



Julia D. Berry
Director, Madera County
Water and Natural Resources Department

**APPENDIX 1.C. MERCED COUNTY'S GROUNDWATER
SUSTAINABILITY AGENCY FORMATION NOTICE**

Prepared as part of the
**Groundwater Sustainability Plan
Chowchilla Subbasin**

January 2020

GSP Team:

Davids Engineering, Inc
 Luhdorff & Scalmanini
 ERA Economics
 Stillwater Sciences and
 California State University, Sacramento



COUNTY EXECUTIVE OFFICE

James L. Brown
County Executive Officer

2222 "M" Street
Merced, CA 95340
(209) 385-7637
(209) 385-7375 Fax
www.co.merced.ca.us

Equal Opportunity Employer

March 9, 2017

Via Email and U.S. Mail

Mr. Mark Nordberg, GSA Project Manager
Sustainable Groundwater Management Program
California Department of Water Resources
901 P Street, Room 213-B
P. O. Box 942836
Sacramento, CA 94236

Mr. Mike McKenzie, Senior Engineering Geologist
South Central Region
California Department of Water Resources
3374 East Shields Avenue
Fresno, CA 93726

RE: *Notice of the County of Merced's intent to serve as Groundwater Sustainability Agency for a portion of the Chowchilla Groundwater Subbasin*

Dear Mr. Nordberg and Mr. McKenzie:

This letter constitutes notice to the Department of Water Resources (DWR), pursuant to Water Code sections 10723(d) and 10723.8, of the County of Merced's (Merced County) intent to undertake sustainable groundwater management of a portion of the Chowchilla Subbasin as a Groundwater Sustainability Agency (GSA) pursuant to the Sustainable Groundwater Management Act (SGMA). Merced County is a public agency with land use authority for the portion of the Chowchilla Subbasin located within the boundaries of the county. This notice of intent is timely filed within 30 days of the County of Merced Board of Supervisors approving a resolution electing to serve as a GSA. The resolution is attached hereto as Exhibit A and a map showing the proposed Merced County GSA management area, which includes all of the unmanaged, "white area" in the Chowchilla Subbasin within Merced County is attached to the resolution as an exhibit. No new bylaws, ordinances, or other new authorities were adopted in connection with this resolution to serve as a GSA.

The proposed Merced County GSA management area is approximately 1,300 acres, located fully within Merced County's portion of the Chowchilla Subbasin and outside the Chowchilla Water District's service area and GSA. The proposed GSAs in the Chowchilla Subbasin are: 1) the County of Madera, 2) Chowchilla Water District and 3) the County of Merced. There is no intentional overlap in the proposed management area of this GSA. The majority of the Merced County GSA service area will be within the Sierra Vista Mutual Water Company service area. Merced County will coordinate with the Sierra Vista Mutual Water Company on the groundwater management within the common area.

Merced County has been participating in coordination efforts with other local agencies and interests in the Chowchilla Subbasin and intends to enter into a memorandum of understanding or other form of agreement with these parties to coordinate preparation of a single Groundwater Sustainability Plan (GSP) for the Chowchilla Subbasin.

Merced County has met with the Sierra Vista Mutual Water Company regarding the intent to form a GSA and

Mr. Mark Nordberg

Mr. Mike McKenzie

RE: *Notice of the County of Merced's intent to serve as Groundwater Sustainability Agency for a portion of the Chowchilla Groundwater Subbasin*

March 9, 2017

Page 2

has received support from the Sierra Vista Mutual Water Company. On February 21, 2017, Merced County held a public hearing to receive comment on the proposed GSA. Notice of this hearing was provided in compliance with Water Code Section 10723(b) and Government Code Section 6066, attached as Exhibit B.

Merced County is committed to an open and inclusive process to implement SGMA. As required by Water Code section 10723.8(a)(4), Exhibit C outlines a list of interested parties who will be included in the development of a GSP. In compliance with SGMA, the Merced County GSA will consider all beneficial uses and users of groundwater within the GSA's proposed service area.

If you have any questions regarding this notice, please contact Lacey Kiriakou, Water Resources Coordinator, at (209) 385-7654.

Sincerely,



James L. Brown
County Executive Officer

Enclosures

Exhibit A

County of Merced Resolution Electing to Form the Merced County Groundwater Sustainability
Agency Within the Chowchilla Groundwater Subbasin and Map

BEFORE THE BOARD OF SUPERVISORS
OF THE COUNTY OF MERCED, STATE OF CALIFORNIA

In the Matter of

RESOLUTION ELECTING TO FORM THE)	
MERCED COUNTY GROUNDWATER)	
SUSTAINABILITY AGENCY WITHIN THE	)	RESOLUTION NO. 2017-15
CHOWCHILLA GROUNDWATER SUBBASIN)	

WHEREAS, the Sustainable Groundwater Management Act (SGMA) was signed into law on September 16, 2014 and adopted as California Water Code, section 10720, et. seq.; and,

WHEREAS, the purpose of SGMA is to provide sustainable management of groundwater basins and enhance local management of groundwater through empowering local management agencies with authority, technical, and financial assistance necessary to sustainably manage groundwater; and,

WHEREAS, SGMA requires high and medium priority basins to be managed by one or more groundwater sustainability agencies (GSA) and such agency/agencies must be formed by June 30, 2017; and,

WHEREAS, Water Code section 10723(a) authorizes any local agency with water or land management authority overlying a basin to elect to be the GSA for that basin; and,

WHEREAS, Water Code section 10724(a) presumes that any area not within the management area of a GSA will be managed by the county, as the GSA for that area; and,

WHEREAS, Water Code section 10735.2(a) provides that the State Water Resources Control Board may designate the basin as probationary if any portion of the basin is not covered by a GSA before June 30, 2017; and,

WHEREAS, the County of Merced is located in the Chowchilla Subbasin as defined in the California Department of Water Resources Bulletin 118; and,

WHEREAS, the County of Merced is a local agency that is eligible to elect to become a GSA pursuant to SGMA; and,

WHEREAS, Water Code section 10723.2 requires that a GSA consider the interests of all beneficial uses and users of groundwater, as well as those responsible for implementing groundwater sustainability plans; and,

WHEREAS, the County of Merced is committed to working with regional partners to sustainably manage the groundwater resources; and,

WHEREAS, retaining local jurisdiction and control over groundwater management is beneficial to the health, safety, and water supply reliability of the County of Merced and its customers and constituents; and,

WHEREAS, the County of Merced wishes to exercise the powers and authorities of a GSA granted by SGMA; and,

WHEREAS, Water Code section 10723.8 requires a local public agency electing to be a GSA to notify the California Department of Water Resources of its election and intention to undertake sustainable groundwater management within a subbasin; and,

WHEREAS, Water Code section 10723(b) requires a public hearing be held before to the decision to become a GSA and the publication of notice pursuant to section 6066 of the Government Code; and,

WHEREAS, pursuant to Government Code section 6066, notices of a public hearing regarding whether to adopt a Resolution to elect to become a GSA were published in the Merced Sun Star; and,

WHEREAS, the County of Merced held a public hearing on February 21, 2017 to consider adoption of this Resolution; and,

WHEREAS, adoption of this Resolution does not constitute a project under the California Environmental Quality Act because it does not result in any direct or indirect physical change in the environment; and,

NOW THEREFORE, BE IT RESOLVED that the County of Merced hereby elects to become a GSA for those portions of the Chowchilla Subbasin shown in the map attached hereto as Exhibit A; and

BE IT FURTHER RESOLVED that the Merced County GSA hereby created shall establish and maintain a list of persons interested in receiving notices regarding plan preparation, meeting announcements, and availability of draft plans, maps, and other relevant documents; and,

BE IT FURTHER RESOLVED that the County of Merced authorizes its staff to, within 30 days from the date of this Resolution, provide notification of this election to the California Department of Water Resources, including a copy of this Resolution and additional information required by Water Code section 10723.8, in the manner required by law.

I, JAMES L. BROWN, Clerk of the Board of Supervisors of the County of Merced, do hereby certify that the foregoing Resolution was regularly introduced, passed, and adopted by said Board at a regular meeting thereof held on this 21st day of February, 2017 by the following vote:

SUPERVISORS:

AYES: Daron McDaniel, Rodrigo Espinoza, Lee Lor, Lloyd Pareira, Jerry O'Banion

NOES: None

ABSENT: None

WITNESS my hand and the Seal of this Board this 21st day of February, 2017.

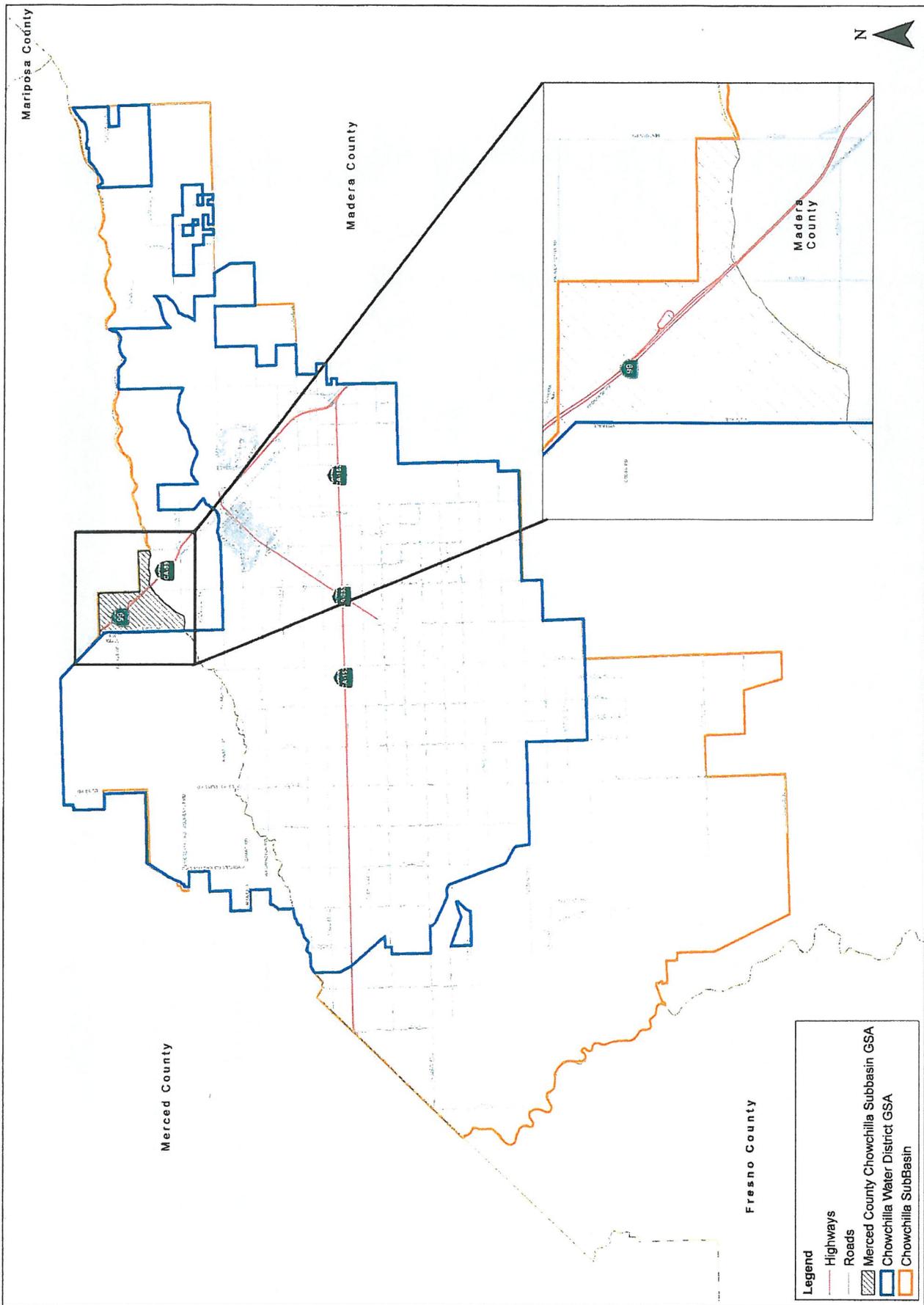


JAMES L. BROWN, CLERK

By: _____

Deputy

Exhibit A



Merced County Chowchilla Subbasin GSA
Date: 1/6/2017

0 1 2 4 6 8 Miles



Exhibit B

Notice of Public Hearing

AFFIDAVIT OF PUBLICATION

Account #	Ad Number	Identification	PO	Cols	Lines
337617	0002910477	HEARING GSA TERESA HALEY		1	32

Attention:

MERCED COUNTY PLANNING
 2222 M STREET
 MERCED, CA 95340

NOTICE OF PUBLIC HEARING

A Public Hearing will be held by the Board of Supervisors of the County of Merced, State of California, on Tuesday, February 21, 2017, at 10:00 a.m. in the Board Room, Third Floor, County Administration Building, 2222 M Street, Merced, California, to consider a resolution electing to form the Merced County Groundwater Sustainability Agency in the Chowchilla Groundwater Subbasin.

Pursuant to California Water Code section 10723(b), the County of Merced Board of Supervisors shall hold a public hearing to consider and determine whether the County of Merced shall file to form a Groundwater Sustainability Agency pursuant to the Sustainable Groundwater Management Act in a portion of the Chowchilla Subbasin.

All persons interested are invited to attend and will be given an opportunity to be heard. Community & Economic Development Department, By Mark J. Hendrickson, Director.
 MER-2910477 2/7, 14

**Declaration of Publication
 2015.5 C.C.P.**

STATE OF CALIFORNIA)
) ss.
 County of Merced)

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer of the Merced Sun-Star, a newspaper of general circulation, printed and published in the city of Merced, County of Merced, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Merced, State of California, under the date of July 14, 1964 Case Number 33224 that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

February 07, 2017, February 14, 2017

I certify (or declare) under penalty of perjury that the foregoing is true and correct and that this declaration was executed at Merced, California on:

Date: 14th, day of February, 2017



Signature

Exhibit C

List of Interested Parties

List of Interested Parties

Interested parties within Merced County's proposed GSA management area in the Chowchilla Subbasin, as determined pursuant to Water Code section 10723.2, include:

(a) Holders of overlying groundwater rights, including:

(1) Agricultural users.

The Merced County proposed GSA management area is composed almost entirely of agricultural users.

(2) Domestic Well owners.

There are no known domestic wells within the proposed GSA management area.

(b) Municipal well operators.

There are no municipal well operators within the proposed GSA management area.

(c) Public water systems.

There are no public water systems within the proposed GSA management area.

(d) Local land use planning agencies.

The County of Merced is the only local land use planning agency within the proposed GSA management area

(e) Environmental users of groundwater

There are no known environmental users within the proposed GSA management area.

(f) Surface water users, if there is a hydrologic connection between surface and groundwater bodies.

The Sierra Vista Mutual Water Company holds prescriptive water rights on the Chowchilla River, which are administered by Chowchilla Water District.

(g) The federal government, including but not limited to, the military and managers of federal lands.

The Federal government does not manage any area within the proposed GSA management area.

(h) California Native American Tribes.

There are no California Native American tribes, reservations or lands held in trust within the proposed GSA management area.

(i) Disadvantaged communities, including, but not limited to, those served by private domestic wells or small community water systems.

There is a disadvantaged community, Le Grand, near, but not within the proposed GSA management area.

(j) Entities listed in Section 10927 that are monitoring and reporting groundwater elevations in all or a part of a groundwater basin managed by the GSA.

The Merced Area Groundwater Pool Interests and the Madera-Chowchilla CASGEM Group both monitor and report groundwater elevation in all or part of the Chowchilla Subbasin.

The interests of the interested parties identified above will be considered in the development and operation of the GSA and the development and implementation of the GSP. Merced County is committed to an open and inclusive process to implement SGMA. Interested parties will have opportunities, both formal and informal, to provide input to the County throughout the process of developing , operating, and implementing the GSA and GSP. Such opportunities may include, but are not limited to, public workshops and comment periods required by SGMA (e.g. Water Code section 10728.4); opportunities for public comment during the County's regular Board of Supervisor meetings; and at other times to be determined and noticed pursuant to Water Code section 10727.8(a).

**APPENDIX 1.D. TRIANGLE T WATER DISTRICT'S GROUNDWATER
SUSTAINABILITY AGENCY FORMATION NOTICE**

Prepared as part of the
**Groundwater Sustainability Plan
Chowchilla Subbasin**

January 2020

GSP Team:

Davids Engineering, Inc
Luhdorff & Scalmanini
ERA Economics
Stillwater Sciences and
California State University, Sacramento

Exhibit A
Resolution

Faint, illegible text, likely bleed-through from the reverse side of the page.

**TRIANGLE T WATER DISTRICT
RESOLUTION NO. 17-7**

**RESOLUTION OF THE TRIANGLE T WATER DISTRICT DECLARING ITS
INTENTION TO BECOME A GROUNDWATER SUSTAINABILITY AGENCY UNDER
THE SUSTAINABLE GROUNDWATER MANAGEMENT ACT FOR THE
CHOWCHILLA SUBBASIN**

WHEREAS, on September 16, 2014, Governor Jerry Brown signed into law Senate Bills 1168 and 1319 and Assembly Bill 1739, known collectively as the Sustainable Groundwater Management Act (SGMA); and

WHEREAS, SGMA went into effect on January 1, 2015; and

WHEREAS, SGMA requires all high and medium priority groundwater basins, as designated by the California Department of Water Resources (DWR) Bulletin 118, to be managed by a Groundwater Sustainability Agency (GSA); and

WHEREAS, the Central Valley Groundwater Basin (Basin) has been designated by DWR as a high priority basin; and

WHEREAS, SGMA authorizes any local agency overlying the Basin to elect to become a GSA within the Basin; and

WHEREAS, the Triangle T Water District (District) is a local agency as defined under the SGMA and is therefore eligible to serve as a GSA within the Basin; and

WHEREAS, Section 10723.2 of the SGMA requires that a GSA consider the interests of all beneficial uses and users of groundwater, as well as those responsible for implementing groundwater sustainability plans; and

WHEREAS, Section 10723.8 of the SGMA requires that a local agency electing to be a GSA to notify the DWR of its election and intention to undertake sustainable groundwater management within a basin; and

WHEREAS, the District held a public hearing on August 26, 2017 after publication of notice pursuant to Government Code section 6066 to consider the adoption of this Resolution; and

WHEREAS, the District wishes to exercise the powers and authorities of a GSA granted by the SGMA;

NOW, THEREFORE, BE IT RESOLVED that the Triangle T Water District hereby elects to become a groundwater sustainability agency for that portion of the Chowchilla Subbasin lying within its boundaries; and

BE IT FURTHER RESOLVED that the District will develop an outreach program to include all stakeholders to ensure that all beneficial uses and users of groundwater are considered; and

BE IT FURTHER RESOLVED that the Board Members of the Triangle T Water District are authorized to submit to the DWR on behalf of the District a notice of intent to undertake sustainable groundwater management in accordance with the SGMA (Part 2.74 of the Water Code); and

BE IT FURTHER RESOLVED that such notification shall include the boundaries of the Chowchilla Subbasin that the District intends to manage, which shall include the lands within the District boundaries, a copy of this resolution, a list of interested parties developed pursuant to Section 10723.2 of the SGMA, and an explanation of how their interests will be considered in the development and operation of the GSA and the development and implementation of the GSA's groundwater sustainability plan.

On motion by Lucas Avila and seconded by Dick Vlot the forgoing resolution was passed and adopted on October 26, 2017 by the following vote.

AYES - 3
NOES - 0
ABSTAINS - 0
ABSENT - 2

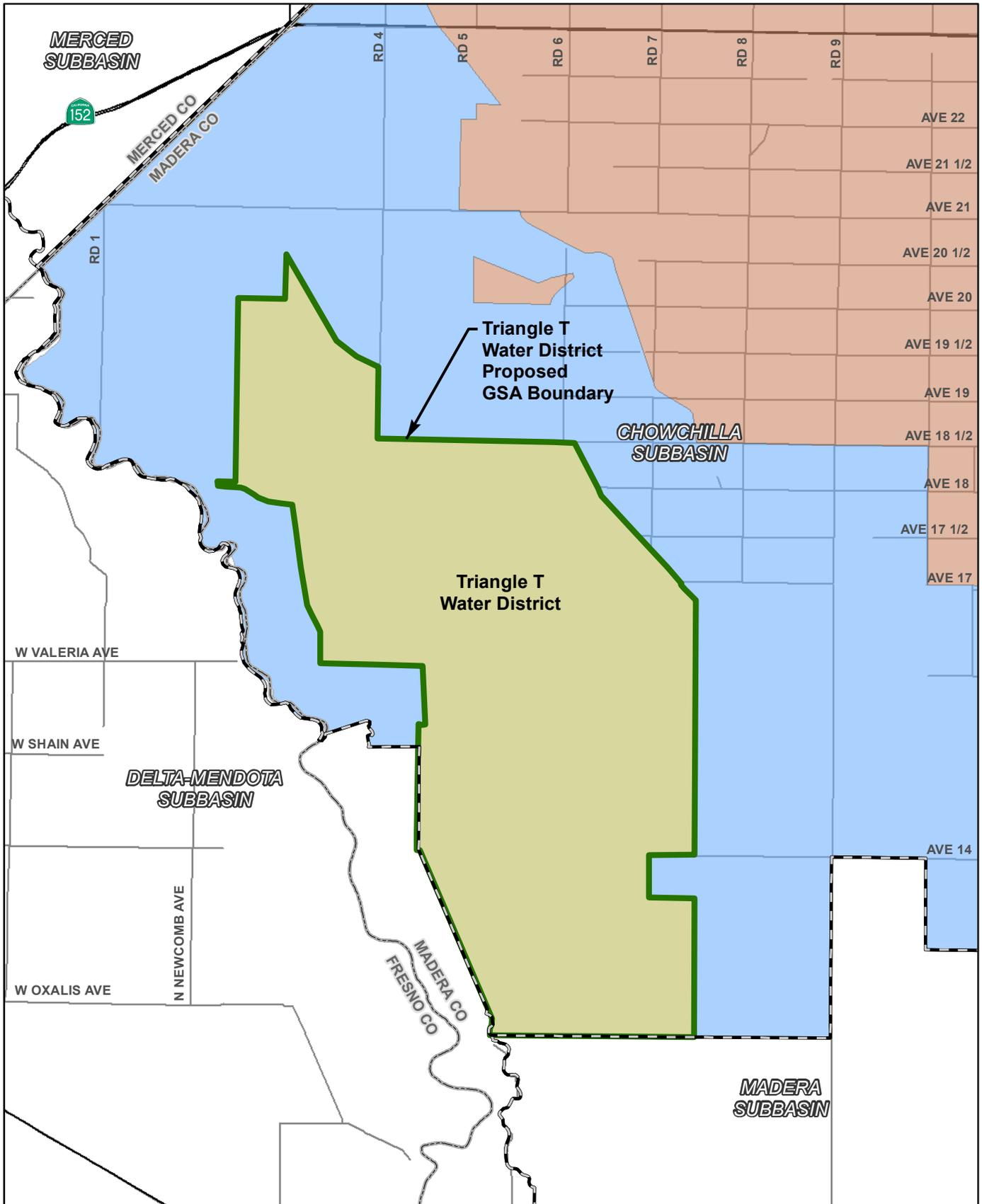
By: _____

President

ATTEST:

By: _____

Secretary



EST. 1968
PROVOST & PRITCHARD
 CONSULTING GROUP
An Employee Owned Company

0 0.5 1
 Miles

- Triangle T Water District and Proposed GSA
- ChowchillaWD_GSA
- County of Madera GSA
- B118 DWR Groundwater Subbasin Boundary
- County Boundary

Exhibit A
 Triangle T Water District
 GSA Boundary Map

Exhibit B

Notice of Public Hearing

AFFIDAVIT OF PUBLICATION

Account #	Ad Number	Identification	PO	Cols	Lines
624948	0003322569	HEARING TRIANGLE T LAURIE SALES	EARING TRIANGLE T LAURIE S,	1	26

Attention:

PROVOST & PRITCHARD CONSULTING GROUP
 2505 ALLUVIAL AVE
 CLOVIS, CA 93611

**Declaration of Publication
 2015.5 C.C.P.**

STATE OF CALIFORNIA)
) ss.
 County of Madera)

**NOTICE OF PUBLIC HEARING
 NOTICE IS HEREBY GIVEN**
 that the Board of Directors of the Triangle T Water District will hold a public hearing during a Special Meeting on October 26, at 3 PM at the Triangle T Ranch office, 4400 Hayes Drive, Chowchilla, California 93610.
 The purpose of this Public Hearing is to accept public testimony regarding the proposal that the Triangle T Water District act as the Groundwater Sustainability Agency under Water Code Section 10723 for the portion of the Chowchilla Groundwater Sub-basin within the Triangle T Water District, prior to the board adopting a resolution. The hearing is open to the public and any person present will have the opportunity to be heard. For further information regarding this matter, please contact Brad Samuelson, at (209) 658-8487.
 CN- 3322569 10/11, 18

I am a citizen of the United States; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer of the Chowchilla News, a newspaper of general circulation, printed and published in the city of Chowchilla, County of Madera, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Madera, State of California, under the date of June 10, 1918 Case Number 1943 that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

October 11, 2017, October 18, 2017

I certify (or declare) under penalty of perjury that the foregoing is true and correct and that this declaration was executed at Chowchilla, California on:

Date: 18th, day of October, 2017

Cynthia A. McClammy

Signature

Proof of Publication

(2015.5 C.C.P.)

NOTICE OF HEARING

PROVOST & PRITCHARD CONSULTING

TRIANGLE T WATER DISTRICT

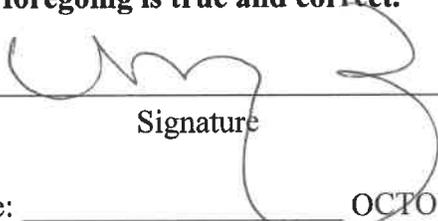
STATE OF CALIFORNIA)
) ss.

County of Madera)

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer of the Madera Tribune, a newspaper of general circulation, published in the City of Madera, County of Madera, and which newspaper has been adjudged a newspaper of General circulation by the Superior Court of the County of Madera, State of California, under the date of November 9, 1966, Case Number 4875 that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

OCTOBER 11, 18, 2017

I certify or declare under penalty of perjury that the foregoing is true and correct.



Signature

Date: _____ OCTOBER 18, 2017 _____

NOTICE OF PUBLIC HEARING
NOTICE IS HEREBY GIVEN that the Board of Directors of the Triangle T Water District will hold a public hearing during a Special Meeting on October 26, at 3 PM at the Triangle T Ranch office, 4400 Hayes Drive, Chowchilla, California 93610.
The purpose of this Public Hearing is to accept public testimony regarding the proposal that the Triangle T Water District act as the Groundwater Sustainability Agency under Water Code Section 10723 for the portion of the Chowchilla Groundwater Sub-basin within the Triangle T Water District, prior to the board adopting a resolution. The hearing is open to the public and any person present will have the opportunity to be heard. For further information regarding this matter, please contact Brad Samuelson, at (209) 658-8487. No.1063 - October 11, 18, 2017

Proof of Publication- The Madera Tribune, P.O. BOX 269, Madera CA 93639- (559) 674-2424
Adjudged a newspaper of general circulation by court decree No. 4875 dated November 8, 1966
The Madera Tribune

Exhibit C

List of Interested Parties

Triangle T Water District GSA List of Interested Parties

As required by Water Code section 10723.8(a)(4), the Triangle T Water District developed a list of interested parties, and this list will continue to be amended as necessary during the Groundwater Sustainability Plan (“GSP”) development process. As required by the Sustainability Groundwater Management Act (“SGMA”), the District will consider all beneficial uses and users of groundwater within the Subbasin, as well as those responsible for developing GSPs. The District will solicit feedback and participate in discussions with interested parties during GSP development. These interests include, but are not limited to the following:

- *Holders of overlying groundwater rights, including:*

- *Agriculture users.*

The District’s Board of Directors is comprised of five members, each representing the agricultural water users within the district. Therefore, agricultural users are exclusively represented on the District’s governing board.

- *Domestic well owners.*

There are domestic wells within the GSA, however, based on the understanding of groundwater conditions that currently exist, or are likely to exist in the foreseeable future, the GSA anticipates that the plan will exclude domestic wells.

- *Municipal well operators.*

The City of Chowchilla and others operate municipal wells within the Subbasin, but not within the District’s service area. The District has been meeting regularly with municipal well operations within the Subbasin to discuss implementation SGMA, and will continue to do so.

- *Public water systems.*

The District has identified public water systems operated by Madera County, Alview-Dairyland School District and the City of Chowchilla within the Subbasin. The District will continue to work with these agencies and others identified at a later date throughout the SGMA implementation process.

- *Local land use planning agencies.*

Again, the District has been meeting regularly with the City of Chowchilla and Merced and Madera County to discuss implementation SGMA, and will continue to do so.

- *Environmental users of groundwater.*

The District is working to identify agencies advocating for environmental uses within the Basin and will work with those entities in developing the GSA.

- *Surface water users, if there is a hydrologic connection between surface and groundwater flows.*

The District has a working relationship with numerous surface water users, including the Chowchilla Water District and private riparian and appropriative water right holds, within the basin through its participation in the Chowchilla Subbasin GSA group.

- *The federal government, including, but not limited to, the military and managers of federal lands.* N/A
- *California Native American tribes.* N/A
- *Disadvantaged communities, including, but not limited to, those served by private domestic wells or small community water systems.*
The District and Subbasin working group has identified disadvantaged communities within the basin from DWR's web page, and will cooperate with Madera and Merced Counties to work with any disadvantaged communities within the Subbasin relying on groundwater supplies.
- *Entities listed in Water Code section 10927 that are monitoring and reporting groundwater elevations in all or a part of a groundwater basin managed by the GSA.*
- Again, the District has been meeting regularly with the Chowchilla Water District, City of Chowchilla and Madera and Merced Counties to discuss implementation SGMA, and will continue to do so.

The District intends to work cooperatively with other agencies, water providers, and other interested stakeholders within Merced and Madera Counties, and the State of California, regarding the sustainable management of groundwater within the Subbasins. The District intends to use its existing Board of Directors for governance purposes.

**APPENDIX 1.E. GSP ADOPTION RESOLUTIONS, MEETING MINUTES
AND NOTICES.**

Prepared as part of the
**Groundwater Sustainability Plan
Chowchilla Subbasin**

January 2020

GSP Team:

Davids Engineering, Inc
 Luhdorff & Scalmanini
 ERA Economics
 Stillwater Sciences and
 California State University, Sacramento

**CHOWCHILLA WATER DISTRICT
GROUNDWATER SUSTAINABILITY AGENCY**

RESOLUTION NO. GSA 2019 – 02

**ADOPTION OF THE CHOWCHILLA SUBBASIN GROUNDWATER
SUSTAINABILITY PLAN FOR THE CHOWCHILLA WATER DISTRICT
GROUNDWATER SUSTAINABILITY AGENCY**

WHEREAS, the California Legislature passed a statewide framework for sustainable groundwater management, known as the Sustainable Groundwater Management Act (California Water Code § 10720 *et seq.*), pursuant to Senate Bill 1168, Senate Bill 1319, and Assembly Bill 1739, which was approved by the Governor and Chaptered by the Secretary of State on September 16, 2014; and,

WHEREAS, the Sustainable Groundwater Management Act (SGMA) went into effect on January 1, 2015; and,

WHEREAS, SGMA requires all high- priority groundwater basins, as designated by the California Department of Water Resources (DWR) Bulletin 118, to be managed by a Groundwater Sustainability Agency (GSA) or multiple GSAs; and,

WHEREAS, the Chowchilla Groundwater Sub-basin has been designated by DWR as a high-priority basin and in critical groundwater overdraft (DWR Bulletin 118 Groundwater Basin: 5-022.05); and,

WHEREAS, the District elected on December 14, 2016, to become a GSA for certain portions of the Chowchilla Groundwater Sub-basin; and,

WHEREAS, pursuant to Water Code section 10727 SGMA requires that a Groundwater Sustainability Plan (GSP) or multiple GSPs be developed and implemented by January 31, 2020 for each high-priority basin; and,

WHEREAS, Chowchilla Water District GSA, Madera County Chowchilla GSA, Triangle T Water District GSA and Merced County Chowchilla GSA have collaboratively prepared a single GSP for the Chowchilla Subbasin in accordance with Water Code section 10727.2 to include all the components required by SGMA; and,

WHEREAS, the four GSAs in the Chowchilla Subbasin have entered into a memorandum of understanding for cost sharing and GSP development through a GSP Advisory Committee; and,

WHEREAS, Chowchilla Water District GSA, on behalf of all the GSAs in the Chowchilla Subbasin, gave notice on August 15, 2019, pursuant to Water Code section 10728.4 to affected cities and counties regarding the intent of the GSAs to each adopt the GSP; and

WHEREAS, Chowchilla Water District GSA published a notice on November 27, 2019 and December 4, 2019 in the Chowchilla News and the Merced Sun Star, newspapers of general circulation, published and circulated in Merced and Mariposa Counties and Chowchilla in northern Madera County, giving notice that a public hearing (Hearing) would be held on December 11, 2019 for the purpose of considering adoption of a GSP for its portion of the Chowchilla Groundwater Sub-basin; and,

WHEREAS, upon adoption of a GSP, Water Code section 10733.4 requires that GSP to be submitted to DWR for review.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Chowchilla Water District GSA as follows:

1. The foregoing is true and correct.
2. The GSP in the form presented at the Hearing is hereby approved and adopted.
3. The General Manager is authorized and directed to timely provide notification of this approval and adoption to DWR, including a copy of this Resolution, the approved GSP, and any additional information required by law.

PASSED AND ADOPTED by the Board of Directors of the Chowchilla Water District GSA, this 11th day of December, 2019 by the following vote:

AYES: Upton, Taylor, Harris, ^K~~Maddalena~~, Mandala

NOES:

ABSENT: *Maddalena* K

ABSTAIN:


Kole Upton, President

CERTIFICATE OF SECRETARY

The undersigned, Secretary of the Chowchilla Water District, hereby certifies that the foregoing Resolution was adopted by the Board of Directors of said District at a meeting thereof, duly and specially held on December 11th 2019 at which meeting a quorum of the Board of Directors was at all times present and acting.

IN WITNESS WHEREOF, I have set my hand this 11th day of December, 2019.



Brandon Tomlinson, Secretary

(DISTRICT SEAL)



Order Confirmation

Customer

CHOWCHILLA WATER DISTRICT - LEGALS

Customer Account

336260

Customer Address

PO BOX 905
CHOWCHILLA CA 93610 USA

Customer Phone

559-665-3747

Customer Fax

Sales Rep

lcordero@mcclatchy.com

Payor Customer

CHOWCHILLA WATER DISTRICT - LEGALS

Payor Account

336260

Payor Address

PO BOX 905
CHOWCHILLA CA 93610 USA

Payor Phone

559-665-3747

Customer EMail

Order Taker

lcordero@mcclatchy.com

<u>PO Number</u>	<u>Payment Method</u>	<u>Blind Box</u>	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
Notice of Hearing	Invoice		0	0	1

<u>Net Amount</u>	<u>Tax Amount</u>	<u>Total Amount</u>	<u>Payment Amount</u>	<u>Amount Due</u>
\$171.12	\$0.00	\$171.12	\$0.00	\$171.12

<u>Ad Order Number</u>	<u>Order Source</u>	<u>Ordered By</u>	<u>Special Pricing</u>
0004445384		Lela Beatty	
			<u>Promo Type</u>
			<u>Materials</u>

Invoice Text
Notice of Hearing

Package Buy

Ad Order Information

Ad Number **Ad Type** **Production Method** **Production Notes**
0004445384-01 MER-Legal Liner AdBooker

External Ad Number **Ad Attributes** **Ad Released** **Pick Up**
No

Ad Size **Color**
1 X 48 li

Product **Placement** **Times Run** **Schedule Cost**
MER-Chowchilla News 0300 - Legals Classified 2 \$141.12

Run Schedule Invoice Text **Position**
PUBLIC NOTICE NOTICE OF PUBLIC HEARING F 0301 - Legals & Public Notices

Run Dates
11/27/2019, 12/04/2019

Product **Placement** **Times Run** **Schedule Cost**
MER-upsell.mercedsunstar.com 0300 - Legals Classified 2 \$30.00

Run Schedule Invoice Text **Position**
PUBLIC NOTICE NOTICE OF PUBLIC HEARING F 0301 - Legals & Public Notices

Run Dates
11/27/2019, 12/04/2019

PUBLIC NOTICE

NOTICE OF PUBLIC HEARING
FOR ADOPTION OF THE
GROUNDWATER
SUSTAINABILITY PLAN FOR THE
CHOWCHILLA WATER DISTRICT
GROUNDWATER
SUSTAINABILITY AGENCY
UNDER THE SUSTAINABLE
GROUNDWATER MANAGEMENT
ACT

Pursuant to California Water Code Section 10728.4, the Chowchilla Water District Groundwater Sustainability Agency Board of Directors shall hold a public hearing to consider adoption of a Groundwater Sustainability Plan (GSP) for its portion of the Chowchilla Subbasin (DWR Bulletin 118 Groundwater Basin: 5-022.05). This GSP was prepared in response to passage of the Sustainable Groundwater Management Act of 2014 and applies to the Chowchilla Subbasin bounded in the south and east by the Madera Subbasin, in the west by the San Joaquin River and the Delta-Mendota Subbasin, and in the north by the Merced Subbasin. The public, agencies and other interested parties are invited to attend the December 11, 2019, 1:30 p.m. public hearing at Chowchilla Water District, 327 S. Chowchilla Blvd., Chowchilla, CA and provide written and verbal comments. Comments received during the public hearing will be considered by the Board of Directors for its determination to adopt the proposed GSP. For additional details and to download a copy of the final Groundwater Sustainability Plan, visit cwwater.com. For more information, contact Douglas Welch, 559-665-3747, dwelch@cwwater.com.

BEFORE THE BOARD OF SUPERVISORS
OF THE COUNTY OF MERCED, STATE OF CALIFORNIA, SITTING AS THE GOVERNING
BOARD FOR THE COUNTY OF MERCED CHOWCHILLA GROUNDWATER
SUSTAINABILITY AGENCY

In the Matter of

RESOLUTION AUTHORIZING THE)	
ADOPTION OF THE CHOWCHILLA	)	RESOLUTION NO. 2019-120
GROUNDWATER SUSTAINABILITY)	
PLAN BY THE COUNTY OF MERCED)	
CHOWCHILLA GROUNDWATER)	
SUSTAINABILITY AGENCY)	

WHEREAS, the California Legislature passed a statewide framework for sustainable groundwater management, known as the Sustainable Groundwater Management Act (California Water Code § 10720 et seq.), pursuant to Senate Bill 1168, Senate Bill 1319, and Assembly Bill 1739, which was approved by the Governor and Chaptered by the Secretary of State on September 16, 2014; and,

WHEREAS, the Sustainable Groundwater Management Act (SGMA) went into effect on January 1, 2015; and,

WHEREAS, SGMA requires all high- priority groundwater basins, as designated by the California Department of Water Resources (DWR) Bulletin 118, to be managed by a Groundwater Sustainability Agency (GSA) or multiple GSAs; and,

WHEREAS, the Chowchilla Groundwater Subbasin has been designated by DWR as a high-priority basin and in critical groundwater overdraft (DWR Bulletin 118 Groundwater Basin: 5-022.05); and,

WHEREAS, the County of Merced elected on February 21, 2017, to become the County of Merced GSA – Chowchilla (also referred to as the County of Merced Chowchilla GSA) for certain portions of the Chowchilla Groundwater Subbasin; and,

WHEREAS, pursuant to Water Code section 10727 SGMA requires that a Groundwater Sustainability Plan (GSP) or multiple GSPs be developed and implemented by January 31, 2020 for each high-priority basin; and,

WHEREAS, Chowchilla Water District GSA, Madera County Chowchilla GSA, Triangle T Water District GSA and County of Merced Chowchilla GSA have collaboratively prepared a single GSP for the Chowchilla Subbasin in accordance with Water Code section 10727.2 to include all the components required by SGMA; and,

WHEREAS, the Chowchilla Water District General Resources Manager is the Plan Manager for the Chowchilla GSP; and,

WHEREAS, the four GSAs in the Chowchilla Subbasin have entered into a memorandum of understanding for cost sharing and GSP development through a GSP Advisory Committee; and,

WHEREAS, Chowchilla Water District GSA, on behalf of all the GSAs in the Chowchilla Subbasin, gave notice on August 15, 2019, pursuant to Water Code section 10728.4 to affected cities and counties regarding the intent of the GSAs to each adopt the GSP; and

WHEREAS, the County of Merced Chowchilla GSA published a notice on November 26, 2019 and December 3, 2019 in the Merced Sun Star, a newspaper of general circulation, published and circulated in Merced and Mariposa Counties, giving notice that a public hearing would be held on December 10, 2019 for the purpose of considering adoption of a GSP for its portion of the Chowchilla Groundwater Subbasin; and,

WHEREAS, upon adoption of a GSP, Water Code section 10733.4 requires that GSP to be submitted to DWR for review.

NOW, THEREFORE, BE IT RESOLVED the Governing Board of the County of Merced Chowchilla GSA hereby approves and adopts the Chowchilla Subbasin GSP for the portions of the County of Merced Chowchilla GSA within the Plan Area; and

BE IT FURTHER RESOLVED, that the Governing Board authorizes the Plan Manager to take such other actions as may be reasonably necessary to file the Chowchilla GSP with DWR by January 31, 2020, and implement the purpose of this Resolution.

I, JAMES L. BROWN, Clerk of the Board of Supervisors of the County of Merced, do hereby certify that the foregoing Resolution was regularly introduced, passed, and adopted by said Board at a regular meeting thereof held on this 10th day of December, 2019 by the following vote:

SUPERVISORS:

AYES: Lloyd Pareira, Rodrigo Espinoza, Lee Lor, Scott Silveira

NOES: None

ABSENT: Daron McDaniel

WITNESS my hand and the Seal of this Board this 10 day of December, 2019.



JAMES L. BROWN, CLERK

By: Angie Ruiz
Deputy

**TRIANGLE T WATER DISTRICT GROUNDWATER SUSTAINABILITY AGENCY
MINUTES OF THE REGULAR SCHEDULED MEETING
BOARD OF DIRECTORS
December 12, 2019**

Those present at the meeting included

Directors:	Lucas Avila	HNRG
	Dirk Vlot	Vlot Family Farms
	Molly Thurman	HNRG
Others:	Sarah Woolf	Water Wise
	Chase Hurley	WLS
	Brad Samuelson	WLS
	Bill Littleton	Fairmead Farms
	Jeannie Habben	Madera County
	Clay Haynes	Haynes Farms
	Phil Janzen	Agriland Farming
	Jose Ochoa	HNRG
	Michael Peters	Kaweah Pump
	George Park	Lone Tree MWC
	Carl Evers Jr.	HNRG
	Mark Hutson	

Roll Call: President Avila called the meeting to order at 10:00 AM and asked for self-introductions.

Public Comment: Mark Hutson commented that the Regional Conservation District (RCD) is looking for projects to work on with area landowners.

Minutes

A motion to pass the Minutes of November 14, 2019 was made by Director Dirk Vlot and seconded by Director Lucas Avila. The motion passed unanimously.

Public Hearing for Chowchilla Subbasin GSP

The public hearing was opened for discussion of the Draft Chowchilla Subbasin GSP. Brad Samuelson provided opportunity for individuals to ask question on the Draft GSP. A discussion occurred regarding the goals of moving forward after the GSP is submitted to DWR. Further focus on the need for reduced pumping below the Corcoran clay layer in the Chowchilla Subbasin Red Top Management Area is needed. TTWDGSA will continue to work in partnership with the county on reducing the pumping. The public hearing was closed.

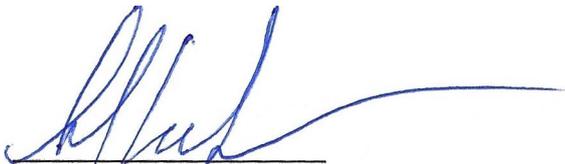
Director Molly Thurman moved to approve the Chowchilla Subbasin GSP. The motioned was seconded by Director Dirk Vlot and approved unanimously.

Other Business

Adjournment

Meeting was adjourned at 10:30 AM.

Secretary: Sarah Woolf



Secretary: Sarah Woolf

**BEFORE
THE BOARD OF DIRECTORS
FOR THE COUNTY OF MADERA
GROUNDWATER SUSTAINABILITY AGENCY
CHOWCHILLA SUBBASIN**

In the Matter of	)	Resolution No.: <u>2019 - 183</u>
)	
THE SUSTAINABLE	)	RESOLUTION ADOPTING
GROUNDWATER MANAGEMENT	)	GROUNDWATER SUSTAINABILITY PLAN
ACT)	
)	
Chowchilla Subbasin)	
)	
_____)	

WHEREAS, the Sustainable Groundwater Management Act of 2014, Water Code sections 10720-10737.8 (“SGMA”) was signed into law on September 16, 2014; and

WHEREAS, SGMA requires that each groundwater basin be managed by a Groundwater Sustainability Agency (“GSA”), or multiple GSAs, and that such management be pursuant to an approved Groundwater Sustainability Plan (“GSP”), or multiple GSPs; and

WHEREAS, on January 24, 2017, the Board of Supervisors for the County of Madera (“Board”) elected to have the County of Madera become the exclusive GSA for the portions of the Chowchilla Subbasin that are in unincorporated areas of Madera County, and not otherwise covered by another public agency; and

WHEREAS, on or about May 13, 2017, the County of Madera became the exclusive GSA for the relevant portions of the Chowchilla Subbasin (hereinafter “Madera County Chowchilla GSA”); and

WHEREAS, pursuant to Water Code section 10727, SGMA requires that a Groundwater Sustainability Plan (“GSP”), or multiple GSPs, be developed and implemented by January 31, 2020 for each high-priority basin; and,

WHEREAS, the Madera County GSA, the Chowchilla Water District GSA, the Triangle T Water District GSA, and Merced County Chowchilla GSA have collaboratively prepared a single GSP for the Chowchilla Subbasin in accordance with Water Code section 10727.2 to include all the components required by SGMA; and

WHEREAS, the aforementioned GSAs in the Chowchilla Subbasin have entered into a memorandum of understanding for cost sharing and GSP development through a GSP Advisory Committee; and,

WHEREAS, the Chowchilla Water District GSA, on behalf of all the GSAs in the Chowchilla Subbasin, gave notice on August 15, 2019, pursuant to Water Code section 10728.4, to affected cities and counties regarding the intent of the GSAs to each to adopt the GSP; and

WHEREAS, the Madera County Chowchilla GSA published a notice on December 4, 2019 and December 11, 2019 in the Madera Tribune, a newspaper of general circulation in Madera County and the Chowchilla Subbasin, giving notice that a public hearing (Hearing) would be held on December 17, 2019 for the purpose of considering adoption of a GSP for its portion of the Chowchilla Groundwater Subbasin; and,

WHEREAS, upon adoption of a GSP, Water Code section 10733.4 requires that the GSP be submitted to DWR for review.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of the County of Madera, State of California, sitting as Board of Directors for the County of Madera GSA for the Chowchilla Subbasin, as follows:

1. The above Recitals are hereby incorporated by reference and are made a substantive part of this Resolution.
2. The GSP in the form presented at the Hearing is hereby approved and adopted.
3. The Director of the County Department of Water and Natural Resources (“Department Director”) is hereby authorized and directed to timely provide notification of this approval and adoption to DWR, including a copy of this Resolution, the approved GSP, and any additional information required by law.

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* * * * *

The foregoing Resolution was adopted this 17th day of December,

2019, by the following vote:

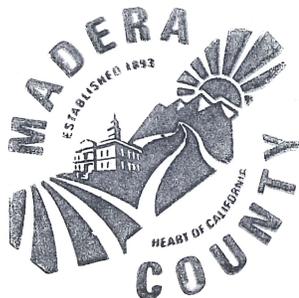
Director Frazier voted: YES

Director Rogers voted: YES

Director Poythress voted: YES

Director Rodriguez voted: YES

Director Wheeler voted: YES



Bret Poythress
Chairman, Board of Directors

ATTEST:

Glenda M. Gargill
Clerk, Board of Supervisors

Approved as to Legal Form:
COUNTY COUNSEL

By [Signature]
MICHAEL LINDEN, DEPUTY

J:\wdocs\01246\040\RES\00699621.DOCX

Chowchilla Subbasin GSP Revisions

Resolutions - July 2022

**CHOWCHILLA WATER DISTRICT
GROUNDWATER SUSTAINABILITY AGENCY**

RESOLUTION NO. GSA 2022- 02

**ADOPTION OF THE CHOWCHILLA SUBBASIN GROUNDWATER
SUSTAINABILITY PLAN FOR THE CHOWCHILLA WATER DISTRICT
GROUNDWATER SUSTAINABILITY AGENCY**

WHEREAS, the California Legislature passed a statewide framework for sustainable groundwater management, known as the Sustainable Groundwater Management Act (California Water Code § 10720 *et seq.*), pursuant to Senate Bill 1168, Senate Bill 1319, and Assembly Bill 1739, which was approved by the Governor and Chaptered by the Secretary of State on September 16, 2014; and,

WHEREAS, the Sustainable Groundwater Management Act (SGMA) went into effect on January 1, 2015; and,

WHEREAS, SGMA requires all high- priority groundwater basins, as designated by the California Department of Water Resources (DWR) Bulletin 118, to be managed by a Groundwater Sustainability Agency (GSA) or multiple GSAs; and,

WHEREAS, the Chowchilla Groundwater Sub-basin has been designated by DWR as a high-priority basin and in critical groundwater overdraft (DWR Bulletin 118 Groundwater Basin: 5-022.05); and,

WHEREAS, the District elected on December 14, 2016, to become a GSA for certain portions of the Chowchilla Groundwater Sub-basin; and,

WHEREAS, pursuant to Water Code section 10727 SGMA requires that a Groundwater Sustainability Plan (GSP) or multiple GSPs be developed and implemented by January 31, 2020 for each high-priority basin; and,

WHEREAS, Chowchilla Water District GSA, Madera County Chowchilla GSA, Triangle T Water District GSA and Merced County Chowchilla GSA have collaboratively prepared a single GSP for the Chowchilla Subbasin in accordance with Water Code section 10727.2 to include all the components required by SGMA; and,

WHEREAS, The Chowchilla Subbasin Groundwater Sustainability Plan (Chowchilla GSP) was adopted and forwarded to the Department of Water Resources (DWR) in January of 2020; and,

WHEREAS, DWR completed a review of the Chowchilla GSP and released an incomplete determination of the Chowchilla Subbasin GSP, initiating a 180-day consultation period between January 28, 2022, and July 27, 2022.

WHEREAS, the four GSAs in the Chowchilla Subbasin have revised the Chowchilla GSP in response to the incomplete determination made by DWR; and,

WHEREAS, Chowchilla Water District GSA, on behalf of all the GSAs in the Chowchilla Subbasin, gave notice on April 18, 2022, pursuant to Water Code section 10728.4 to affected cities and counties regarding the intent of the GSAs to each adopt the revised GSP; and,

WHEREAS, Chowchilla Water District GSA published a notice on June 29, 2022 and July 6, 2022 in the Chowchilla News and the Merced Sun Star, newspapers of general circulation, published and circulated in Merced and Mariposa Counties and Chowchilla in northern Madera County, giving notice that a public hearing (Hearing) would be held on July 13, 2022 for the purpose of considering adoption of a GSP for its portion of the Chowchilla Groundwater Sub-basin; and,

WHEREAS, upon adoption of a GSP, Water Code section 10733.4 requires that GSP to be submitted to DWR for review.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Chowchilla Water District GSA as follows:

1. The foregoing is true and correct.
2. The GSP in the form presented at the Hearing is hereby approved and adopted.
3. The General Manager is authorized and directed to timely provide notification of this approval and adoption to DWR, including a copy of this Resolution, the approved GSP, and any additional information required by law.

PASSED AND ADOPTED by the Board of Directors of the Chowchilla Water District GSA, this 13th day of July 2022 by the following vote:

AYES: Upton, Taylor, Mandala, Harris, Schuh

NOES:

ABSENT:

ABSTAIN:


Kole Upton, President

BEFORE THE BOARD OF SUPERVISORS
OF THE COUNTY OF MERCED, STATE OF CALIFORNIA

IN THE MATTER OF:
RESOLUTION AUTHORIZING THE ADOPTION
OF THE CHOWCHILLA GROUNDWATER
SUSTAINABILITY PLAN BY THE COUNTY OF
MERCED GSA - CHOWCHILLA

RESOLUTION NO. 2022-75

WHEREAS, in August 2014, the California Legislature passed, and in September 2014 the Governor signed, legislation creating the Sustainable Groundwater Management Act ("SGMA") "to provide local groundwater sustainability agencies with the authority and technical and financial assistance necessary to sustainably manage groundwater" (Wat. Code, § 10720, (d)); and

WHEREAS, SGMA requires all high-priority groundwater basins, as designated by the California Department of Water Resources (DWR) Bulletin 118, to be managed by a Groundwater Sustainability Agency (GSA) or multiple GSAs; and

WHEREAS, the Chowchilla Groundwater Subbasin has been designated by DWR as a high-priority basin and in critical groundwater overdraft (DWR Bulletin 118 Groundwater Basin: 5-022.05); and

WHEREAS, the County of Merced elected on February 21, 2017, to become the County of Merced GSA – Chowchilla (also referred to as the County of Merced Chowchilla GSA) for certain portions of the Chowchilla Groundwater Subbasin; and

WHEREAS, pursuant to Water Code section 10727 SGMA requires that a Groundwater Sustainability Plan (GSP) or multiple GSPs be developed and implemented by January 31, 2020 for each high-priority basin; and

WHEREAS, the Chowchilla Water District GSA, Madera County Chowchilla GSA, Triangle T Water District GSA and County of Merced GSA - Chowchilla have collaboratively prepared a single GSP for the Chowchilla Subbasin in accordance with Water Code section 10727.2 to include all the components required by SGMA.; and

WHEREAS, the Chowchilla Water District General Resources Manager is the Plan Manager for the Chowchilla Subbasin GSP; and

WHEREAS, the four GSAs in the Chowchilla Subbasin have entered into a memorandum of understanding for cost sharing and GSP development through a GSP Advisory Committee; and

WHEREAS, on January 28, 2022, DWR completed its review of the Chowchilla Subbasin GSP and released a letter determining that the GSP was "Incomplete" and identified deficiencies and corrective actions for the GSAs in the Chowchilla Subbasin to take. The amended or modified GSP addressing the corrective actions must be submitted to DWR by July 27, 2022; and

WHEREAS, the Chowchilla Water District GSA, on behalf of all the GSAs in the Chowchilla Subbasin provided a 90-day notice to the cities and county located within and adjacent to the Plan Area of the Chowchilla GSP, that they intend to conduct a public hearing to adopt the amended GSP; and

NOW, THEREFORE, BE IT RESOLVED THAT, the Governing Board of the County of Merced GSA - Chowchilla hereby approves and adopts the amended Chowchilla Subbasin GSP for the portions of the County of Merced GSA - Chowchilla within the Plan Area; and

BE IT FURTHER RESOLVED that the Governing Board authorizes the Plan Manager to take such other actions as may be reasonably necessary to file the amended Chowchilla Subbasin GSP with DWR by July 27, 2022, and implement the purpose of this Resolution.

I, **RAUL LOMELI MENDEZ**, Clerk of the Board of Supervisors of the County of Merced, do hereby certify that the foregoing resolution was regularly introduced, passed and adopted by said Board at a regular meeting thereof held on the 19th of July, 2022 by the following vote:

SUPERVISORS:

AYES: Lloyd Pareira, Rodrigo Espinoza, Josh Pedrozo, Daron McDaniel, Scott Silveira

NOES: None

ABSENT: None

ABSTENTIONS: None

WITNESS my hand and the Seal of this Board this 19th day of July, 2022.

Raul Lomeli Mendez, Clerk

By: Stacy Goolery
Deputy





RESOLUTION NO. 2022-03

**RESOLUTION ADOPTING AMENDED GRONDWATER SUSTAINABILTIY PLAN FOR THE
CHOWCHILLA SUBBASIN**

WHEREAS, the Sustainable Groundwater Management Act of 2014, Water Code sections 10720-10737.8 ("SGMA") was signed into law on September 16, 2014; and

WHEREAS, SGMA requires that each California Groundwater subbasin be managed by a Groundwater Sustainability Agency ("GSA"), or multiple GSAs, and that such management be implemented pursuant to an approved Groundwater Sustainability Plan ("GSP"), or multiple GSPs; and

WHEREAS, the Triangle T Water District GSA is a GSA under SGMA for areas within Chowchilla Subbasin; and

WHEREAS, the Triangle T Water District GSA, the Chowchilla Water District GSA, the Madera County GSA, and the Merced County Chowchilla GSA collaboratively prepared a single GSP for the Chowchilla Subbasin in accordance with Water Code section 10727.2 to include all the components required by SGMA; and

WHEREAS, on December 17, 2019, the Triangle T Water District GSA, the County GSA, the Chowchilla Water District GSA, and Merced County GSA for the Chowchilla Subbasin, adopted a GSP for the Chowchilla Subbasin; and

WHEREAS, on or about January 29, 2020, the GSP for the Chowchilla Subbasin was submitted to the Department of Water Resources ("DWR") for review, public comment, and approval; and

WHEREAS, on January 28, 2022, DWR sent a letter to the Chowchilla Subbasin GSP Plan Manager stating that the GSP was determined to be incomplete because the GSP has not defined sustainable management criteria in the manner required by SGMA and the GSP regulations related to subsidence, and the Chowchilla Subbasin GSAs did not sufficiently demonstrate that interconnected surface water or undesirable results related to depletions of interconnected surface water are not present and are not likely to occur in the Chowchilla Subbasin; and



WHEREAS, the Chowchilla Subbasin GSP has been amended to address the deficiencies outline in the January 28, 2022, letter form DWR and

WHEREAS, the Chowchilla Water District GSA, on behalf of all the GSAs in the Chowchilla Subbasin, gave notice on April 18, 2022, pursuant to Water Code section 10728.4 to affected cities and counties regarding the intent of the GSAs to each adopt the revised GSP, and,

WHEREAS, Triangle T Water District GSA will hold a public hearing on July 14, 2022 at 10:00 AM for the purpose of considering adoption of the amended GSP for it portion of the Chowchilla Groundwater Subbasin, and

WHEREAS, upon adoption of a GSP, Water Code section 10733.4 requires that the GSP be submitted to DWR for review.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors for the Triangle T Water District GSA, as follows:

- 1) The foregoing is true and correct.
- 2) The GSP in the form presented at the Hearing is hereby approved and adopted.
- 3) The District Secretary is authorized and directed to timely provide notification of this approval and adoption to DWR, including a copy of this Resolution, the approved GSP, and any additional information required by law.

Passed and adopted at a meeting of the Triangle T Water District GSA on July 14, 2022, by the following vote:

AYES: 3

NAYS: 0

ABSTAIN: 0

ABSENT: 2



Lucas Avila, President



A handwritten signature in black ink, appearing to read "S. Woolf", is written over a horizontal line.

Sarah Woolf, Secretary/Treasurer

Triangle T Water District Groundwater Sustainability Agency
4400 Hays Drive Chowchilla, CA 93610
www.triangletwaterdistrict.org/groundwater

**BEFORE
THE BOARD OF DIRECTORS
FOR THE COUNTY OF MADERA
GROUNDWATER SUSTAINABILITY AGENCY
CHOWCHILLA SUBBASIN**

In the Matter of	)	Resolution No.: <u>2022 - 104</u>
)	
THE SUSTAINABLE	)	RESOLUTION ADOPTING AMENDED
GROUNDWATER MANAGEMENT	)	GROUNDWATER SUSTAINABILITY PLAN
ACT)	
)	
Chowchilla Subbasin)	
)	
_____)	

WHEREAS, the Sustainable Groundwater Management Act of 2014, Water Code sections 10720-10737.8 (“SGMA”) was signed into law on September 16, 2014; and

WHEREAS, SGMA requires that each groundwater basin be managed by a Groundwater Sustainability Agency (“GSA”), or multiple GSAs, and that such management be pursuant to an approved Groundwater Sustainability Plan (“GSP”), or multiple GSPs; and

WHEREAS, on January 24, 2017, the Board of Supervisors for the County of Madera (“Board”) elected to have the County of Madera become the exclusive GSA for the portions of the Chowchilla Subbasin that are in unincorporated areas of Madera County, and not otherwise covered by another public agency; and

WHEREAS, on or about May 13, 2017, the County of Madera became the exclusive GSA for portions of the Chowchilla Subbasin not otherwise covered by another public agency (hereinafter “Madera County Chowchilla GSA”); and

WHEREAS, pursuant to Water Code section 10727, SGMA requires that a Groundwater Sustainability Plan (“GSP”), or multiple GSPs, be developed and implemented by January 31, 2020 for each high-priority basin; and,

WHEREAS, the Madera County GSA, the Chowchilla Water District GSA, the Triangle T Water District GSA, and Merced County Chowchilla GSA collaboratively prepared a single GSP for the Chowchilla Subbasin in accordance with Water Code section 10727.2 to include all the components required by SGMA; and

WHEREAS, on December 17, 2019, the County GSA, along with the Chowchilla Water District GSA, the Triangle T Water District GSA, and Merced County GSA for the Chowchilla Subbasin, adopted a GSP for the Chowchilla Subbasin; and

WHEREAS, on or about January 29, 2020, the GSP for the Chowchilla Subbasin was submitted to the Department of Water Resources (“DWR”) for review, public comment, and approval; and,

WHEREAS, on November 18, 2021, DWR sent a letter to the Chowchilla Subbasin GSP Plan Manager (Doug Welch of the Chowchilla Water District GSA), indicating that DWR staff had substantially completed the initial review of the Chowchilla Subbasin GSP, and that there were potential deficiencies that might preclude DWR from approving the GSP; and

WHEREAS, on January 28, 2022, DWR sent a letter to the Chowchilla Subbasin GSP Plan Manager stating that the GSP was determined to be incomplete because the GSP has not defined sustainable management criteria in the manner required by SGMA and the GSP Regulations related to subsidence, and the Chowchilla Subbasin GSAs did not sufficiently demonstrate that interconnected surface water or undesirable results

related to depletions of interconnected surface water are not present and are not likely to occur in the Chowchilla Subbasin; and

WHEREAS, in the January 28, 2022 letter, DWR represented that the deficiencies identified in the letter were not addressed by July 27, 2022, DWR, after consultation with the State Water Resources Control Board, would determine the GSP to be inadequate, possibly triggering the state intervention process outlined in SGMA; and

WHEREAS, the Chowchilla Subbasin GSP has been amended to address the deficiencies outlined in the January 28, 2022 letter from DWR; and

WHEREAS, the Chowchilla Subbasin Plan Manager, on behalf of all the GSAs in the Chowchilla Subbasin, gave notice on April 18, 2022, pursuant to Water Code section 10728.4, to affected cities and counties regarding the intent of the GSAs to each to adopt the GSP; and

WHEREAS, the Madera County Chowchilla GSA published a notice on July 9, 2022 and in the Madera Tribune, a newspaper of general circulation in Madera County and the Chowchilla Subbasin, giving notice that a public hearing (Hearing) would be held on July 26, 2022, at 10:30 a.m., for the purpose of considering adoption of the amended GSP for its portion of the Chowchilla Groundwater Subbasin; and,

WHEREAS, upon adoption of a GSP, Water Code section 10733.4 requires that the GSP be submitted to DWR for review.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of the County of Madera, State of California, sitting as Board of Directors for the County of Madera GSA for the Chowchilla Subbasin, as follows:

1. The above Recitals are hereby incorporated by reference and are made a substantive part of this Resolution.
2. The amended GSP in the form presented at the Hearing is hereby approved and adopted.
3. The Director of the County Department of Water and Natural Resources (“Department Director”) is hereby authorized and directed to timely provide notification of this approval and adoption to DWR, including a copy of this Resolution, the approved GSP, and any additional information required by law.

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The foregoing Resolution was adopted this 26TH day of JULY,

2022, by the following vote:



Director Frazier voted:	<u>Yes</u>
Director Rogers voted:	<u>Yes</u>
Director Poythress voted:	<u>Yes</u>
Director Gonzalez voted:	<u>absent</u>
Director Wheeler voted:	<u>Yes</u>

Tom Wheeler
Chairman, Board of Directors

ATTEST:

Spencer Schinner
Clerk, Board of Directors

Approved as to Legal Form:
COUNTY COUNSEL

Michael R. 
By Linden

Digitally signed by: Michael R. Linden
DN: CN = Michael R. Linden
email = mlinden@lozanosmith.com
C = US O = LOZANO SMITH
Date: 2022.07.08 11:54:21 -0700

Chowchilla Subbasin GSP Revisions

DRAFT Resolution 2023

DRAFT RESOLUTION NO. 2023-NIL

**ADOPTION OF ADDITIONAL REVISIONS TO THE REVISED CHOWCHILLA SUBBASIN
GROUNDWATER SUSTAINABILITY PLAN**

WHEREAS, the California Legislature passed a statewide framework for sustainable groundwater management, known as the Sustainable Groundwater Management Act (California Water Code §10720 *et seq.*), pursuant to Senate Bill 1168, Senate Bill 1319, and Assembly Bill 1739, which was approved by the Governor and Chaptered by the Secretary of State on September 16, 2014; and,

WHEREAS, SGMA requires that each groundwater basin be managed by a Groundwater Sustainability Agency (“GSA”), or multiple GSAs, and that such management be pursuant to an approved Groundwater Sustainability Plan (“GSP”), or multiple GSPs; and

WHEREAS, the Chowchilla Groundwater Subbasin (“Chowchilla Subbasin”) has been designated by the Department of Water Resources (“DWR”) as a high-priority basin and in critical groundwater overdraft (DWR Bulletin 118 Groundwater Basin: 5-022.05); and,

WHEREAS, the _____ elected on _____, to become a GSA for certain portions of the Chowchilla Subbasin; and,

WHEREAS, pursuant to Water Code section 10727 SGMA requires that a Groundwater Sustainability Plan (GSP) or multiple GSPs be developed and implemented by January 31, 2020, for each high-priority basin; and,

WHEREAS, the Chowchilla Water District GSA, Madera County Chowchilla GSA, Triangle T Water District GSA and Merced County Chowchilla GSA have collaboratively prepared a single GSP for the Chowchilla Subbasin (“Chowchilla Subbasin GSP”) in accordance with Water Code section 10727.2 to include all the components required by SGMA; and,

WHEREAS, on December 17, 2019, the Chowchilla Water District GSA, Madera County Chowchilla GSA, Triangle T Water District GSA and Merced County Chowchilla GSA adopted the Chowchilla Subbasin GSP; and,

WHEREAS, on or about January 29, 2020, the Chowchilla Subbasin GSP was submitted to DWR for review, public comment, and approval; and,

WHEREAS, on November 18, 2021, DWR completed a review of the Chowchilla Subbasin GSP and released an incomplete determination of the Chowchilla Subbasin GSP, initiating a 180-day consultation period between January 28, 2022, and July 27, 2022; and,

WHEREAS, the Chowchilla Water District GSA, Madera County Chowchilla GSA, Triangle T Water District GSA and Merced County Chowchilla GSA completed the first revision of the Chowchilla Subbasin GSP in response to the incomplete determination made by DWR; and,

WHEREAS, on or about July 27, 2022, the first revision of the Chowchilla Subbasin GSP was submitted to DWR for review, public comment, and approval; and,

WHEREAS, on March 2, 2023, DWR completed a review of the first revision of the Chowchilla GSP submitted July 27, 2022, and released an inadequate determination of the first revision of the Chowchilla Subbasin GSP; and,

WHEREAS, the Chowchilla Water District GSA, Madera County Chowchilla GSA, Triangle T Water District GSA and Merced County Chowchilla GSA desire to act quickly whereby eliminating the need for a probationary hearing before the State Water Resources Control Board (SWRCB); and,

WHEREAS, the goal of acting quickly is to move the Chowchilla Subbasin back under DWR jurisdiction; and,

WHEREAS, the Chowchilla Water District GSA, Madera County Chowchilla GSA, Triangle T Water District GSA and Merced County Chowchilla GSA have elected to follow the methodology used in the Merced Subbasin with respect to chronic lowering of groundwater levels and land subsidence, whereby bringing consistency with an adequate GSP in a neighboring subbasin experiencing conditions similar to the Chowchilla Subbasin; and,

WHEREAS, Madera County, Merced County, and the City of Chowchilla provided the GSAs a notice waiving the 90-day notice requirements pursuant to Water Code section 10728.4; and,

WHEREAS, Chowchilla Water District GSA, Madera County Chowchilla GSA, Triangle T Water District GSA and Merced County Chowchilla GSA have completed additional revisions to the Chowchilla Subbasin GSP in response to the inadequate determination made by DWR.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of _____ GSA as follows:

1. The foregoing is true and correct.
2. The GSP in the form presented at the Hearing is hereby approved and adopted.
3. The _____ is authorized and directed to timely provide notification of this approval and adoption to DWR, including a copy of this Resolution, the approved additional revisions to the Revised GSP, and any additional information required by law.

PASSED AND ADOPTED by the Board of Directors of the _____ GSA, this ____ day of _____ 2023, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

APPENDIX 1.F. GLOSSARY: SGMA DEFINITIONS

Prepared as part of the
Groundwater Sustainability Plan
Chowchilla Subbasin

January 2020

GSP Team:

Davids Engineering, Inc
Luhdorff & Scalmanini
ERA Economics
Stillwater Sciences and
California State University, Sacramento

GLOSSARY

This Glossary includes terms from a variety of legal and administrative sources relevant to SGMA and GSP development. These sources include:

- California Water Code Section 10721, Sustainable Groundwater Management Definitions (**CWC Section 10721**)
- California Code of Regulations Title 23 Section 341, Groundwater Basin Boundaries Definitions (**23 CCR Section 341**)
- California Code of Regulations Title 23 Section 351, Groundwater Sustainability Plan Definitions (**23 CCR Section 351**)
- DWR Bulletin 118 Definitions, updated 2003 (**B118, 2003**)
- Locally defined terms used in the GSP

The source of each term is provided in the citation following that term. Page numbers are included when a definition is not found in the referenced document's definitions or glossary. Additional information regarding each source are summarized at the end of this glossary.

Adjudication Action. The action filed in the superior or federal district court to determine the rights to extract groundwater from a basin or store water within a basin, including, but not limited to, actions to quiet title respecting rights to extract or store groundwater or an action brought to impose a physical solution on a basin. (**CWC Section 10721**)

Administrative Adjustment. The basin or subbasin boundary adjustment by the Department that either (1) amends existing basin or subbasin boundary data files to accurately reflect an unambiguous written basin or subbasin boundary description as defined in Bulletin 118 or amended pursuant to this Part, or (2) restates the description of a basin or subbasin boundary to more precisely reflect a mapped basin or subbasin boundary consistent with the original description. (**B118, 2003**)

Agency. The groundwater sustainability agency as defined in the Act. (**23 CCR Section 351**)

Agricultural Water Management Plan. The plan adopted pursuant to the Agricultural Water Management Planning Act as described in Part 2.8 of Division 6 of the Water Code, commencing with Section 10800 et seq. (**23 CCR Section 351**)

Alternative. The alternative to a Plan described in Water Code Section 10733.6. (**23 CCR Section 351**)

Annual Report. The report required by Water Code §10728. (**23 CCR Section 351**)

Aquifer. The three-dimensional body of porous and permeable sediment or sedimentary rock that contains sufficient saturated material to yield significant quantities of groundwater to wells and springs, as further defined or characterized in Bulletin 118. (**B118, 2003**)

Baseline or Baseline Conditions. The historical information used to project future conditions for hydrology, water demand, and availability of surface water and to evaluate potential sustainable management practices of a basin. (**23 CCR Section 351**)

Basin Setting. The information about the physical setting, characteristics, and current conditions of the basin as described by the Agency in the hydrogeologic conceptual model, the groundwater conditions, and the water budget, pursuant to Sub article 2 of Article 5. (**23 CCR Section 351**)

Basin. Defined in the Sustainable Groundwater Management Act as a groundwater basin or subbasin identified and defined in Bulletin 118. Unless the context indicates otherwise, those terms are further

defined as follows: (1) The term **basin** shall refer to an area specifically defined as a basin or **groundwater basin** in Bulletin 118, and shall refer generally to an aquifer or stacked series of aquifers with reasonably well-defined boundaries in a lateral direction, based on features that significantly impede groundwater flow, and a definable bottom, as further defined or characterized in Bulletin 118. (2) The term **subbasin** shall refer to an area specifically defined as a subbasin or **groundwater subbasin** in Bulletin 118 and shall refer generally to any subdivision of a basin based on geologic and hydrologic barriers or institutional boundaries, as further described or defined in Bulletin 118. **(B118, 2003)**

Basin. The groundwater basin or subbasin identified and defined in Bulletin 118 or as modified pursuant to Water Code 10722 et seq. **(23 CCR Section 351)**

Beneficial Use. Water in Bulletin 118 references 23 categories of water uses identified by the State Water Resource Control Board and are listed and briefly described in Appendix E. **(B118, 2003)**

Best Available Science. The use of sufficient and credible information and data, specific to the decision being made and the time frame available for making that decision, that is consistent with scientific and engineering professional standards of practice. **(23 CCR Section 351)**

Best Management Practice. The practice, or combination of practices, that are designed to achieve sustainable groundwater management and have been determined to be technologically and economically effective, practicable, and based on best available science. §351. **(23 CCR Section 351)**

Board. The State Water Resources Control Board. **(23 CCR Section 351)**

Bulletin 118. The department's report entitled "California's Groundwater: Bulletin 118" updated in 2003, as it may be subsequently updated or revised in accordance with § 12924. **(CWC Section 10721)**

CASGEM. The California Statewide Groundwater Elevation Monitoring Program developed by the Department pursuant to Water Code Section 10920 et seq., or as amended. **(23 CCR Section 351)**

Condition of Long-Term Overdraft. The condition of a groundwater basin where the average annual amount of water extracted for a long-term period, generally 10 years or more, exceeds the long-term average annual supply of water to the basin, plus any temporary surplus. Overdraft during a period of drought is not sufficient to establish a condition of long-term overdraft if extractions and recharge are managed as necessary to ensure that reductions in groundwater levels or storage during a period of drought are offset by increases in groundwater levels or storage during other periods. **(CWC Section 10721)**

Coordination Agreement. The legal agreement adopted between two or more groundwater sustainability agencies that provides the basis for coordinating multiple agencies or groundwater sustainability plans within a basin pursuant to this part. **(CWC Section 10721)**

Data Gap. The lack of information that significantly affects the understanding of the basin setting or evaluation of the efficacy of Plan implementation and could limit the ability to assess whether a basin is being sustainably managed. **(23 CCR Section 351)**

Existing Stored Groundwater. Groundwater that is already underground from centuries of accumulated native groundwater. Historic pumping has been diminishing the existing stored groundwater at rates greater than the native groundwater can sustain, causing overdraft and unsustainable conditions. If more water is pumped from a basin than what is added from Native Groundwater and Introduced Groundwater, this water comes from the Existing Stored Groundwater. Continuing to use this previously stored groundwater will continue to exacerbate overdraft conditions. Temporarily using some of this water during the transition to sustainability will likely continue to cause lowering of groundwater levels.

Groundwater Dependent Ecosystem. The ecological communities or species that depend on groundwater emerging from aquifers or on groundwater occurring near the ground surface. **(23 CCR Section 351)**

Groundwater Flow. The volume and direction of groundwater movement into, out of, or throughout a basin. **(23 CCR Section 351)**

Groundwater in Storage. The quantity of water in the zone of saturation. **(B118, 2003)**

Groundwater Overdraft. The condition of a groundwater basin in which the amount of water withdrawn by pumping exceeds the amount of water that recharges the basin over a period of years during which water supply conditions approximate average conditions. **(B118, 2003)**

Groundwater Recharge or Recharge. The augmentation of groundwater by natural or artificial means. **(CWC Section 10721)**

Groundwater Storage Capacity. The volume of void space that can be occupied by water in a given volume of a formation, aquifer, or groundwater basin. **(B118, 2003)**

Groundwater Sustainability Agency. One or more local agencies that implement the provisions of this part. For purposes of imposing fees pursuant to Chapter 8 (commencing with Section 10730) or taking action to enforce a groundwater sustainability plan, **Groundwater Sustainability Agency** also means each local agency comprising the groundwater sustainability agency if the plan authorizes separate agency action. **(CWC Section 10721)**

Groundwater. Water beneath the surface of the earth within the zone below the water table in which the soil is completely saturated with water but does not include water that flows in known and definite channels. **(CWC Section 10721)**

Hydrogeologic Conceptual Model. The description of the geologic and hydrologic framework governing the occurrence of groundwater and its flow through and across the boundaries of a basin and the general groundwater conditions in a basin or subbasin. **(23 CCR Section 341)**

Interconnected Surface Water. The surface water that is hydraulically connected at any point by a continuous saturated zone to the underlying aquifer and the overlying surface water is not completely depleted. **(23 CCR Section 351)**

Interested Parties. The persons and entities on the list of interested persons established by the Agency pursuant to Water Code Section 10723.4. **(23 CCR Section 351)**

Interim Milestone. The target value representing measurable groundwater conditions, in increments of five years, set by an Agency as part of a Plan. **(23 CCR Section 351)**

Introduced Groundwater. Water that is added to the sustainable yield of groundwater supply derived from percolation of imported surface water. This can be the directly through groundwater replenishment projects or groundwater banking or can be indirectly through percolation from irrigation and unlined canals.

Management Area. The area within a basin for which the Plan may identify different minimum thresholds, measurable objectives, monitoring, or projects and management actions based on differences in water use sector, water source type, geology, aquifer characteristics, or other factors. **(23 CCR Section 351)**

Measurable Objectives. The specific, quantifiable goals for the maintenance or improvement of specified groundwater conditions that have been included in an adopted Plan to achieve the sustainability goal for the basin. **(23 CCR Section 351)**

Minimum Threshold. The numeric value for each sustainability indicator used to define undesirable results. **(23 CCR Section 351)**

Monitoring Protocols. Designed to detect changes in groundwater levels, groundwater quality, inelastic surface subsidence for basins for which subsidence has been identified as a potential problem, and flow and quality of surface water that directly affect groundwater levels or quality or are caused by groundwater extraction in the basin. The monitoring protocols shall be designed to generate information that promotes efficient and effective groundwater management. §10727.2. Required Plan Elements. **(CWC Section 10721)**

NAD83. The North American Datum of 1983 computed by the National Geodetic Survey, or as modified.

Native Groundwater. Water naturally infiltrating into the groundwater from precipitation and runoff. This is the average quantity of water annually added to the groundwater budget from rain, rivers, and streams, and reflects the portion of estimated sustainable yield of the groundwater supply that is not derived from imported surface water.

NAVD88. The North American Vertical Datum of 1988 computed by the National Geodetic Survey, or as modified. **(23 CCR Section 351)**

Plain Language. The language that the intended audience can readily understand and use because that language is concise, well-organized, uses simple vocabulary, avoids excessive acronyms and technical language, and follows other best practices of plain language writing. **(23 CCR Section 351)**

Plan Implementation. The Agency's exercise of the powers and authorities described in the Act, which commences after an Agency adopts and submits a Plan or Alternative to the Department and begins exercising such powers and authorities. **(23 CCR Section 351)**

Plan Manager. An employee or authorized representative of an Agency, or Agencies, appointed through a coordination agreement or other agreement, who has been delegated management authority for submitting the Plan and serving as the point of contact between the Agency and the Department. **(23 CCR Section 351)**

Plan. The groundwater sustainability plan as defined in the Act. **(23 CCR Section 351)**

Planning and Implementation Horizon. The 50-year time period over which a groundwater sustainability agency determines that plans and measures will be implemented in a basin to ensure that the basin is operated within its sustainable yield. **(CWC Section 10721)**

Principal Aquifers. The aquifers or aquifer systems that store, transmit, and yield significant or economic quantities of groundwater to wells, springs, or surface water systems. **(23 CCR Section 351)**

Qualified Map. The geologic map of a scale no smaller than 1:250,000 that is published by the U. S. Geological Survey or the California Geological Survey, or is a map published as part of a geologic investigation conducted by a state or federal agency, or is a geologic map prepared and signed by a Professional Geologist that is acceptable to the Department. **(23 CCR Section 341)**

Recharge Area. The area that supplies water to an aquifer in a groundwater basin. **(CWC Section 10721)**

Reference Point. The permanent, stationary and readily identifiable mark or point on a well, such as the top of casing, from which groundwater level measurements are taken, or other monitoring site. **(23 CCR Section 351)**

Representative Monitoring. The monitoring site within a broader network of sites that typifies one or more conditions within the basin or an area of the basin. **(23 CCR Section 351)**

Safe Yield. The maximum quantity of water that can be continuously withdrawn from a groundwater basin without adverse effect. **(B118, 2003)**

Saturated Zone. The zone in which all interconnected openings are filled with water, usually underlying the unsaturated zone. **(B118, 2003)**

Seasonal High. The highest annual static groundwater elevation that is typically measured in the Spring and associated with stable aquifer conditions following a period of lowest annual groundwater demand. **(23 CCR Section 351)**

Seasonal Low. The lowest annual static groundwater elevation that is typically measured in the Summer or Fall and associated with a period of stable aquifer conditions following a period of highest annual groundwater demand. **(23 CCR Section 351)**

Seawater Intrusion. The advancement of seawater into a groundwater supply that results in degradation of water quality in the basin and includes seawater from any source. **(23 CCR Section 351)**

Statutory Deadline. The date by which an Agency must be managing a basin pursuant to an adopted Plan, as described in Water Code Sections 10720.7 or 10722.4. **(23 CCR Section 351)**

Sustainability Goal. The existence and implementation of one or more groundwater sustainability plans that achieve sustainable groundwater management by identifying and causing the implementation of measures targeted to ensure that the applicable basin is operated within its sustainable yield. **(CWC Section 10721)**

Sustainability Indicator. The effects caused by groundwater conditions occurring throughout the basin that, when significant and unreasonable, cause undesirable results, as described in Water Code §10721(x). **(23 CCR Section 351)**

Sustainable Groundwater Management. The management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results. **(CWC Section 10721)**

Sustainable Yield. The maximum quantity of water calculated over a base period representative of long-term conditions in the basin and including any temporary surplus, that can be withdrawn annually from a groundwater supply without causing an undesirable result. **(CWC Section 10721)**

Technical Study. The geologic or hydrologic report prepared and published by a state or federal agency, or a study published in a peer-reviewed scientific journal, or a report prepared and signed by a Professional Geologist or by a Professional Engineer. **(23 CCR Section 341)**

Uncertainty. The lack of understanding of the basin setting that significantly affects an Agency's ability to develop sustainable management criteria and appropriate projects and management actions in a Plan, or to evaluate the efficacy of Plan implementation, and therefore may limit the ability to assess whether a basin is being sustainably managed. **(23 CCR Section 351)**

Undesirable Result. One or more of the following effects caused by groundwater conditions occurring throughout the basin: (1) Chronic lowering of groundwater levels indicating a significant and unreasonable depletion of supply if continued over the planning and implementation horizon. Overdraft during a period of drought is not sufficient to establish a chronic lowering of groundwater levels if extractions and groundwater recharge are managed as necessary to ensure that reductions in groundwater levels or storage during a period of drought are offset by increases in groundwater levels or storage during other periods. (2) Significant and unreasonable reduction of groundwater storage. (3) Significant and unreasonable seawater intrusion. (4) Significant and unreasonable degraded water quality, including the migration of contaminant plumes that impair water supplies. (5) Significant and unreasonable land

subsidence that substantially interferes with surface land uses. (6) Depletions of interconnected surface water that have significant and unreasonable adverse impacts on beneficial uses of the surface water. **(CWC Section 10721)**

Urban Water Management Plan. The plan adopted pursuant to the Urban Water Management Planning Act as described in Part 2.6 of Division 6 of the Water Code, commencing with Section 10610 et seq. **(23 CCR Section 351)**

Water Budget. The accounting of the total groundwater and surface water entering and leaving a basin including the changes in the amount of water stored. **(CWC Section 10721)**

Water Source Type. The source from which water is derived to meet the applied beneficial uses, including groundwater, recycled water, reused water, and surface water sources identified as Central Valley Project, the State Water Project, the Colorado River Project, local supplies, and local imported supplies. **(23 CCR Section 351)**

Water Use Sector. The categories of water demand based on the general land uses to which the water is applied, including urban, industrial, agricultural, managed wetlands, managed recharge, and native vegetation. **(23 CCR Section 351)**

Water Year Type. The classification provided by the Department to assess the amount of annual precipitation in a basin. **(23 CCR Section 351)**

Water Year. The period from October 1 through the following September 30, inclusive. **(CWC Section 10721)**

Water Year. The period from October 1 through the following September 30, inclusive, as defined in the Act. **(23 CCR Section 351)**

Wellhead Protection Area. The surface and subsurface area surrounding a water well or well field that supplies a public water system through which contaminants are reasonably likely to migrate toward the water well or well field. **(CWC Section 10721)**

REFERENCES

California Code of Regulations. Title 23, Section 341.

California Code of Regulations. Title 23, Section 351.

California Department of Water Resources (DWR). 2003. Bulletin 118: California's Groundwater.

California Water Code. Division 6. Part 2.74. Section 10721. Chapter 2. Definitions. (Amended by Stats. 2018, Ch. 255, Sec. 1. (AB 1944) Effective January 1, 2019.)