Appendix 1-A

Tehama County Flood Control and Water Conservation District Act of Formation and Resolution No. 7-2021 to Adopt the GSP for Antelope Subbasin

located within the district, of the percentage of costs to be split among the zones created, and that no general law contains provisions for the issuance of bonds and for the purpose of raising funds to assist in such work. The cost of adequate flood control and water conservation is beyond the means of the property owners and taxpayers of the district, and it is necessary to negotiate to obtain financial aid from the United States Government. It is recommended by the United States Government and it is desirable to immediately form a political entity to satisfactorily deal with the agency of the United States Government.

Investigation having shown conditions in the County of Sonoma to be peculiar to that county, it is hereby declared that a general law cannot be made applicable thereto and that the enactment of this special law is necessary for the conservation, development, control and use of said waters for the protection of life and property therein and for the public good. [Amended by Stats 1951 ch 1344 § 28 p 3244; Stats 1957 ch 1515 § 6 p 2863.]

ACT 8510

Tehama County Flood Control and Water Conservation District Act

[Stats 1957 ch 1280 p 2581, effective July 4, 1957; Amended by Stats 1959 ch 940 p 2968; Stats 1961 ch 631 p 1802, ch 1493 p 3338, ch 2213 p 4559; Stats 1963 ch 332 p 1116; Stats 1967 ch 219 p 1351; Stats 1969 ch 27; Stats 1970 ch 190, effective June 9, 1970.]

AN ACT to create a flood control district to be called Tehama County Flood Control and Water Conservation District; to provide for the control and conservation of flood and storm waters and the protection of watercourses, watersheds, public highways, life and property from damage or destruction from such waters; to provide for the acquisition, retention, and reclaiming of drainage, storm, flood, and other waters and to save, conserve, and distribute such waters for beneficial use in said district; to authorize the incurring of indebtedness, the issuance and sale of bonds, and the levying and collection of taxes and assessments on property within said district and in the respective zones thereof; to define the powers of said district; to provide for the government, management, and operation of said district and for the acquisition and construction of property and works to carry out the purposes of the district, declaring the urgency thereof, to take effect immediately.

Note–Stats 1961 ch 1292, effective July 10, 1961, authorized a grant to the Tehama County Flood Control and Water Conservation District for fish and wildlife enhancement and recreation in connection with the Paskenta Dam and Reservoir.

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§ 1. District created: Territory

A flood control and water conservation district is hereby created, to be known and designated as "Tehama County Flood Control and Water Conservation District," and the boundary and territory of said district are as follows: all that territory of the County of Tehama lying within the exterior boundaries thereof.

§ 2. Definitions

"District" means Tehama County Flood Control and Water Conservation District.

"Board" means the board of directors of the district.

"County" means the County of Tehama.

"Counties" means the several counties of the State of California.

"State" means the State of California.

"Subterranean supply of waters" means (a) that amount of water percolated into natural underground reservoirs, from surface reservoirs owned or controlled by the district, to replenish and augment the supply therein, (b) that

amount of the underflow water of a surface watercourse to the extent augmented by the release of water from a surface reservoir owned or controlled by the district, and (c) any underflow of a surface watercourse being put to beneficial use within the district on the effective date of this act.

§ 3. Objects and purposes of act: Powers of district

The objects and purposes of this act are to provide, to the extent that the board may deem expedient or economical, for the control and disposition of the storm and flood waters of said district and to that end the district is hereby created to be a body corporate and politic and as such shall have power:

(a) To have perpetual succession.

(b) To sue and be sued in the name of the district in all actions and proceedings in all courts and tribunals of competent jurisdiction.

(c) To adopt a seal and alter it at pleasure.

(d) To take by grant, purchase, gift, devise or lease; to hold, use, enjoy, sell, and contract to sell, lease, or dispose of real, personal and mixed property of every kind within or without the district necessary, expedient or advantageous to the full exercise and economic enjoyment of its purposes.

(e) To acquire and contract to acquire by purchase, donation or other lawful means in the name of the district from private persons, public and private corporations, associations, agencies or districts, lands, rights-of-way, easements, privileges, material, and property of every kind within or without the district, to do all work and to acquire, construct, maintain and operate any and all works and improvements within or without the district, and to make, execute, carry out and enforce all contracts of every character, necessary, convenient, incidental, useful or proper to carry out any of the provisions, objects or purposes of this act, and to complete, extend, add to, repair, or otherwise improve any works or improvements acquired by it as herein authorized.

(f) To have and exercise the right of eminent domain, and in the manner provided by law for the condemnation of private property for public use by the State, any political subdivision or district thereof, except that such right shall be exercised only as against property located within the county.

In condemnation proceedings, the district shall proceed under the provisions of Title 7 (commencing at Section 1237) of Part 3 of the Code of Civil Procedure, which said provisions are hereby made applicable for that purpose: and it is hereby declared that the use of the property, lands, rights-of-way, easements or materials which may be condemned, taken or appropriated under the provisions of this act is a public use, and the board is granted the same powers and rights with respect to the taking of property for public uses of said district as are now or may hereafter be conferred by general law on the legislative body of a county, city and county, incorporated city or town, municipal water district or irrigation or reclamation district; provided, however, that no

property shall be taken unless it is taken upon a finding of a court of competent jurisdiction that the taking is for a more necessary public use than that to which it has already been appropriated.

(g) To compel by injunction or other lawful means the owner or owners of any bridge, trestle, wire line, viaduct, embankment or other structure which shall be intersected, traversed, or crossed by any channel, ditch, bed of any stream, waterway, conduit or canal so to contruct or alter the same as to offer a minimum of obstruction to the free flow of water through or along such channel, ditch, bed of any stream, waterway, conduit or canal, and whenever necessary in the case of existing works or structures, to compel the removal or alteration thereof for such purpose or purposes. All costs of relocating or altering or otherwise changing existing works or structures shall be paid by the district: provided, however, that all costs of relocating or otherwise changing any portion of a state highway shall be paid for from funds available for rights-of-way for flood control purposes and not from funds appropriated for state highway purposes.

(h) To construct, maintain, repair and operate all levees, bulkheads, walls of rock or other material, pumps, dams, channels, conduits, pipes, ditches, canals, reservoirs, drains, tunnels, poles, posts, wires, lamps, powerplants, railroads, dredgers and all other auxiliary, incidental, necessary or convenient agencies, work or improvements that may be required to carry out, facilitate, repair, maintain and complete the same.

(i) To incur indebtedness, and to issue bonds in the manner herein provided and to provide for the issuance of warrants of the district in payment of district obligations and the registration of any warrants not paid for want of funds and the rate of interest such warrants shall bear after registration and until such payment.

(j) To cause assessments to be levied and collected for the purpose of paying any obligations of the district in the manner hereinafter provided.

(k) To appoint and employ such engineers, attorneys, assistants and other employees as may be necessary and fix their compensation, including, if it deem advisable, a clerk, superintendent of work, assessor, treasurer and tax collector, and define their powers and duties, and fix and determine the amount of bond required of each employee and pay the premium on each such bond; which said officers and employees and each of them shall serve at the pleasure of the board.

The board shall have the power to combine any two or more offices in its discretion.

(*l*) To establish and fix the boundaries of zones, or abolish the same, in the district as provided in this act; to make transfers of money from the general fund of the district to any special fund and to create and administer such special funds as in their discretion may seem advisable, and to abolish the same; to create and administer revolving funds to facilitate and assist in the carrying on and completing of such acquisi-

tions, works, and improvements provided for herein, and to abolish same; and to do any and all things necessary or incidental to the accomplishment of the things which are permitted to be done under this act.

(m) To make and enter into contracts with the United States, the State of California, any political subdivision, county, municipality, district, agency or mandatory of the State of California or of the United States and any department, board, bureau or commission of the State of California or the United States, or any person, firm, association or corporation, jointly or severally, for the acquisition of property rights or the construction, maintenance and operation in whole or in part of any or all works and improvements provided in this act.

(n) To lease or rent to or from any of the parties named in subdivision (m) of this section any property or rights necessary, in the opinion of the board, to accomplish or carry out any of the work or improvement or the maintenance thereof and under such terms and conditions as may be agreed upon between the parties.

(o) To receive and accept any and all contributions in labor, material or money from any of the parties named in subdivision (m) of this section, to be applied to the work or improvement herein provided for.

(p) To construct, purchase, lease or otherwise acquire works, and to purchase, lease, appropriate, or otherwise acquire surface water and water rights, useful or necessary to make use of water for any of the purposes authorized by this act.

(q) To do any and every lawful act necessary to be done that sufficient water may be available for any present or future beneficial use or uses of lands or inhabitants within the district, including but not limited to, the acquisition, storage, and distribution for irrigation, domestic, fire protection, municipal, commercial, industrial, recreational and all other beneficial uses.

(r) To control flood and storm waters within the district and the flood and storm waters or streams outside the district, which flow into the district; to conserve such waters by storage in surface reservoirs, to divert and transport such waters for beneficial uses within the district; to release such waters from surface reservoirs to replenish and augment the supply of water in natural underground reservoirs and otherwise to reduce the waste of water and to protect life and property from floods within the district; to commence, maintain, intervene in, defend or compromise, in the name of the district, on behalf of the landowners therein, or otherwise to assume the cost and expenses of any action or proceeding involving or affecting the ownership or use of waters or water rights within or without the district, used or useful for any purpose of the district or of the common benefit of any land situated therein, or involving the wasteful use of water therein; to commence, maintain, intervene in, defend and compromise and to assume the cost and expenses of any and all actions or proceedings now or hereafter begun; to prevent interference with or diminution of, or to declare the rights in natural flow of any stream or surface or subterranean supply of waters used or useful for any purpose of the district or of common

benefit to the lands within the district or to its inhabitants; to prevent unlawful exportation of water from said district; to prevent contamination, pollution or otherwise rendering unfit for beneficial use, the surface or subsurface water used or useful in said district, and to commence, maintain and defend actions and proceedings to prevent any such interference with the aforesaid waters as may endanger or damage the inhabitants, lands, or use of water in, or flowing into, the district; provided, however, that said district shall not have power to intervene or take part in, or to pay the costs or expenses of actions or controversies between the owners of lands or water rights which do not affect the interests of the district.

(s) To co-operate and act in conjunction with the United States or with the State of California, or any of its engineers, officers, boards, commissions, departments or agencies, or with any public or private corporation, or with the County of Tehama, in the construction of any work for the controlling of flood or storm waters of or flowing into said district, or for the protection of life or property therein, or for the purpose of conserving said waters for beneficial use within said district, or in any other works, acts, or purposes provided for herein, and to adopt and carry out any definite plan or system of work for any such purpose.

(t) To enter upon any land, to make surveys and locate the necessary works of improvement and the lines for channels, conduits, canals, pipelines, roadways and other rights-of-way; to acquire by purchase, lease, contract, gift, devise or other legal means all lands and water and water rights and other property necessary or convenient for the construction, use, supply, maintenance, repair and improvement of said works, including works constructed and being constructed by private owners, lands for reservoirs for storage of necessary water, and all necessary appurtenances, and also where necessary or convenient to said end, and for said purposes and uses, to acquire and to hold the capital stock of any mutual water company or corporation, domestic or foreign, owning water or water rights, canals, waterworks, franchises, concessions, or rights, when the ownership of such stock is necessary to secure a water supply required by the district or any part thereof, upon the condition that when holding such stock, the district shall be entitled to all the rights, powers and privileges, and shall be subject to all the obligations and liabilities conferred or imposed by law upon other holders of such stock in the same company; to enter into and do any acts necessary or proper for the performance of any agreement with the United States, or any state, county, district of any kind, public or private corporation, association, firm or individual, or any number of them, for the joint acquisition, construction, leasing, ownership, disposition, use, management, maintenance, repair or operation of any rights, works or other property of a kind which might be lawfully acquired or owned by said Tehama County Flood Control and Water Conservation District; to acquire by negotiation only the right to store water in any reservoirs, or to carry water through any canal, ditch or conduit not owned or controlled by the district; to grant to any owner or lessee the right to the use of any water owned or controlled by the district or

right to store such water in any reservoir of the district, or to carry such water through any tunnels, canal, ditch, or conduit owned and controlled by the district; to enter into and do any acts necessary or proper for the performance of any agreement with any district of any kind, public or private corporation, association, firm or individual, or any number of them for the transfer or delivery to any such district, corporation, association, firm or individual or any water right or water pumped, stored, appropriated or otherwise acquired or secured, for the use of the Tehama County Flood Control and Water Conservation District, or for the purpose of exchanging the same for other water, water right or water supply in exchange for water, water right or water supply to be delivered to said district by the other party to said agreement.

(u) To co-operate and contract with the United States under the Federal Reclamation Act of June 17, 1902, and all acts amendatory thereof or supplementary thereto or any other act of Congress heretofore or hereafter enacted permitting co-operation or contract for the purposes of construction of works, whether for irrigation, drainage, or flood control, or for the acquisition, purchase, extension, operation or maintenance of such works, or for a water supply for any purposes, or for the assumption as principal or guarantor of indebtedness to the United States, or for carrying out any of the purposes of the district, and to carry out and perform the terms of any contract so made; and for said purposes the district shall have in addition to the powers specifically set forth in this act, all powers, rights and privileges possessed by irrigation districts as set out in Chapter 2 (commencing at Section 23175) of Part 6 of Division 11 of the Water Code, not inconsistent with the provisions of this act.

(v) Nothing herein contained shall be deemed to permit the district or its board of directors to acquire or interfere in existing water rights and water uses and facilities for distribution of the same on an involuntary basis, but nothing herein shall be deemed to prohibit negotiating and acquisition of existing rights, uses, and privileges in water by negotiation. [Amended by Stats 1961 ch 631 § 1 p 1802.]

§ 3.1. Power to co-operate and contract with United States or this State: Incurrence of indebtedness: When consent of voters necessary: Election procedure

The power of the district to co-operate and contract with the United States or the State of California pursuant to Section 3 shall include the power to incur an indebtedness or liability under any such contract, but no such contract under which the district incurs an indebtedness or liability exceeding the income or revenue for the year in which the contract is proposed to be executed shall be executed without the consent of two-thirds of the votes cast at a special election to be held for that purpose, such election to be called and held, so far as practicable, in the same manner as bond elections for the district. [Added by Stats 1959 ch 940 § 1 p 2968; Amended by Stats 1963 ch 332 § 1 p 1116.]

§ 3.2. Additional powers

In addition to its other powers, the district has all of the powers granted to public agencies by the Davis-Grunsky Act (Chapter 5 (commencing with Section 12880) Part 6, Division 6, of the Water Code). [Added by Stats 1961 ch 2213 § 1 p 4559: Amended by Stats 1967 ch 219 § 1 p 1351.]

§ 4. Establishment of zones: Amending boundaries: Proceedings: Prohibitions

The board of directors of the district created by this act, by resolutions thereof adopted from time to time, may establish zones within the district without reference to the boundaries of other zones, setting forth in such resolutions, descriptions thereof by metes and bounds and entitling each of such zones by a zone number, and institute zone projects for the specific benefit of such zones. The board may, by resolution, amend the boundaries by annexing property to or by withdrawing property from the zones or may divide existing zones into two or more zones or may superimpose a new or amended zone on zones already in existence, setting forth in such resolutions descriptions of the amended, divided or superimposed zones by metes and bounds and entitling each of such zones by a zone number. The board may not form a zone covering areas of land situated both inside and outside the corporate limits of a municipality.

The board, at any regular or special meeting, may adopt a notice of intention to create a zone (or zones). Said notice shall state the reason for the formation of said zone (or zones), the area to be included in each proposed zone, the date, place and time of the meeting of the board at which it is proposed to pass the resolution to form a zone (or zones). The notices of intention to form a zone (or zones) must be posted in at least five public places in each proposed zone, at least 15 days prior to the proposed formation date. Proof of the posting of said notices shall be filed with the clerk, showing the locations in the proposed zone where said notices were posted, together with the date of posting, and signed by the person who did the posting. The clerk shall mail a copy of said notices of intention to form a zone (or zones) to the county assessor and such other parties as ordered by the board. The notice must also state that any interested person may appear before the board at the time when it is proposed to pass the resolution forming the zone (or zones), and urge the formation or protest the formation thereof. At the time set by the board in its notice of intention to form a zone (or zones), or at any time at which the hearing may be continued, the board shall consider all proposals for or against the formation of the zone (or zones). If it appears to the majority of the board that the formation of a zone (or zones) would be beneficial to the area, they may adopt a resolution forming said zone (or zones), and assign each zone a zone number. The clerk shall file a certified copy of the resolution with the county recorder, and one copy each with the county assessor, the Secretary of State, and the State Board of Equalization.

Proceedings for the establishment of such zones may be conducted concurrently with and as a part of the proceedings for the instituting of projects relating to such zones, which proceedings shall be instituted in the manner prescribed in Section 5 of this act. [Amended by Stats 1961 ch 631 § 2 p 1807.]

§ 4.1. Abolishment of zone: Resolution and contents: Notice and hearing: Recording and filing

When the board finds that a zone within the district no longer serves a useful purpose and is not required for the proper functioning of the district, the board may by resolution abolish the zone, if there is no bonded or contractual indebtedness representing a lien on land in the zone. The board shall give the same notice and hearing in the same manner as was given when the zone was formed.

The resolution abolishing the zone shall contain a metes and bounds description of the zone and a map or plat showing the boundaries of the zone. The resolution abolishing the zone shall be recorded in the office of the recorder of the county. A certified copy of the resolution abolishing the zone shall be filed with the assessor of the county and the State Board of Equalization. [Added by Stats 1961 ch 631 § 3 p 1808.]

§ 4.2. Countywide zone for flood control and bank protection projects or for channel clearance: Notice of intention to create: Posting: Mailing: Hearing: Resolution: Filing

Notwithstanding the provisions of Sections 4 and 19.5 of this act, the board of directors of the district by resolution may establish a countywide zone for the purpose of maintaining flood control projects and bank protection projects, including those constructed by federal agencies, including but not limited to, the United States Army, Corps of Engineers, or pursuant to the Watershed Protection and Flood Prevention Act (Public Law 566, Chapter 656, 83d Congress, Second Session), and for channel clearance when, in the judgment of the board, the channels of any stream are in such condition as to impede the flow of flood water.

The board, at any regular or special meeting, may adopt a notice of intention to create a countywide zone. The notice shall state the reason for the formation of the countywide zone, that the zone shall embrace all that territory of the County of Tehama lying within the exterior boundaries of the county, and the date, place and time of the meeting of the board at which it is proposed to pass the resolution to form a countywide zone. The notices of intention to form a countywide zone must be posted in at least five public places in the county, at least 15 days prior to the proposed formation date. Proof of the posting of the notices shall be filed with the clerk, showing the locations in the county where the notices were posted, together with the date of posting, and signed by the person who did the posting. The clerk shall mail a copy of the notices of intention to form a countywide zone to the county assessor and such other parties as ordered by the board. The notice must also state that any interested person may appear before the board at the time when it is proposed to pass the resolution forming the countywide zone, and urge the formation or protest the formation thereof. At the time set by the board in its notice of intention to form a countywide zone, or at any time at which the hearing may be continued, the board shall consider all proposals for or against the formation of the countywide zone.

If it appears to the majority of the board that the formation of a countywide zone would be beneficial to all the territory within the district, they may

adopt a resolution forming the countywide zone. The clerk shall file a certified copy of the resolution with the county recorder, and one copy each with the county assessor, the Secretary of State, and the State Board of Equalization. [Added by Stats 1963 ch 332 § 2 p 1117.]

§ 4.3. Abolition of countywide zone

A countywide zone may be abolished pursuant to the provisions of Section 4.1, except that the resolution abolishing the countywide zone need not contain a metes and bounds description of such zone nor a map or plat showing the boundaries of such zone. [Added by Stats 1963 ch 332 § 3 p 1117.]

§ 5. Institution of projects for single zones or joint projects for two or more zones: Adoption of resolution: Hearing: Publication of notice: Decision of board

The board may institute projects for single zones and joint projects for two or more zones, for the financing, constructing, maintaining, operating, extending, repairing or otherwise improving any work or improvement for the common benefit of such zone or participating zones. For the purpose of acquiring authority to proceed with any project, the board shall adopt a resolution specifying its intention to undertake such project, together with the engineering estimate or the cost of same to be borne by the particular zones or participating zones and fixing a time and place for public hearing of the resolution and which shall refer to a map showing the general location and general construction of the project.

Notice of such hearing shall be given by publication once a week for two consecutive weeks prior to the hearing. The last publication of the notice shall be a least seven days before the hearing in a newspaper of general circulation designated by the board, circulated in such zone or each of the participating zones, if there by such a newspaper. If there is no such newspaper, then by posting notice for two consecutive weeks prior to the hearing in five public places designated by the board, in such zone or in each of the participating zones. The notice must designate a public place in such zone or in each of the participating zones where a copy or copies of the map or maps of the joint project may be seen by any interested person; such map must be posted in each of the public places so designated in the notice at least two weeks prior to the hearing.

At the time and place fixed for the hearing, or at any time to which the hearing may be continued, the board shall consider all written and oral objections to the proposed project. Upon the conclusion of the hearing the board may abandon the proposed project or proceed with the same, unless prior to 30 days after the conclusion of the hearing written protests against the proposed project, signed by either a majority in number of the registered voters or freeholders residing within such zone or participating zones, are filed with the board. In that event, further proceedings relating to such project must be suspended for not less than six months following the date of the conclusion of the hearing, or the proceeding may be abandoned in the discretion of the board.

§ 6. Same: Appointment of advisory committee for each zone: Members: Qualification: Right to attend board meetings: Terms: Vacancies

Within 90 days after a zone has been established the board shall appoint, for each zone, an advisory committee of three persons who own real property within the zone for which they are appointed and whose names appear on the last Great Register of Tehama County, to represent before the board the residents and property owners of that zone. Each person so appointed shall be entitled to participate and be heard at every meeting of the board in which any matter affecting his zone is discussed or considered. The board shall not discuss or consider any matter which affects any zone unless each member of the advisory committee for that zone has been notified in writing as to the time and place of meeting at least five days before the meeting. The board shall take no affirmative action on any matter pertaining to a zone, unless and until said action is approved by a two-thirds majority of the advisory committee in writing and such written consent is filed with the board. After being notified as required by this section, should any member or members of the advisory committee fail to file a written consent, the said failure of said member or members to act shall be deemed as an approval of the act being considered by the board. The members of the first advisory committee appointed for a zone shall be appointed by the board for the following terms: one member for one year, one member for two years and one member for three years. Thereafter each member shall be appointed for a term of three years, and shall hold office until their successors are appointed and qualified. Vacancies on the advisory committee shall be filled by the board for the unexpired term. Nothing in this act shall be construed to require the appointment of a zone committee for a countywide zone. [Amended by Stats 1961 ch 631 § 4 p 1808; Stats 1970 ch 190 § 1. effective June 9, 1970.]

§ 6.1. Same: Appointment of members of first advisory committee: Existing operating advisory committees

On the effective date of this section, or as soon thereafter as practicable, the board shall reappoint the members of any advisory committee, existing prior to the effective date of this section, for the terms specified in Section 6 of this act for the first advisory committee. Thereafter, the appointment of members of all advisory committees shall be governed by Section 6 of this act.

Any operating advisory committees existing on the effective date of this section are continued in existence, with the existing committee members, as advisory committees under Section 6 of this act. [Added by Stats 1961 ch 631 § 5 p 1808.]

§ 7. Dissolution of district: Procedure

Upon the petition of 200 qualified electors of the district, the district may be dissolved in the manner provided for the dissolution of districts by Article 10 (commencing at Section 58300) of Chapter 1 of Title 6 of the Government Code, except for the number of petitioners required, and the district shall be considered a district within the meaning of all the provisions of such article.

§ 8. Board of directors: Members: Qualifications: Terms: Vacancies: Compensation: Election of chairman: Quorum: Powers and duties

The Board of Supervisors of the County of Tehama shall act as the ex officio Board of Directors of the Tehama County Flood Control and Water Conservation District and shall exercise all the powers enumerated in this act except as otherwise provided and shall perform all other acts necessary or proper in their discretion to accomplish the purpose of this act.

The board of directors may adopt and enforce reasonable rules and regulations for the administration and government of the district and facilitate the exercise of its powers and duties herein set forth, and may employ and fix the compensation of all necessary agents and employees to look after the performance of any work or improvements provided in this act. Each member of the board of directors shall receive twenty-five dollars ($25) for each day he is in attendance at official meetings of the board and shall be allowed his actual, necessary, and reasonable expenses incurred in carrying out his duties under this act. The chairman of the board of supervisors shall be the chairman of the board of directors, who shall preside at all meetings of the board and in case of his absence or inability to act, the members present shall, by an order entered in their minutes, select one of their number to act as chairman temporarily. Any member of the board may administer oaths when necessary in the performance of his official duties. A majority of the members of the board shall constitute a quorum for the transaction of business, and no act of the board shall be valid or binding unless a majority of the board concur therein. [Amended by Stats 1969 ch 27 § 1; Stats 1970 ch 190 § 2, effective June 9, 1970.]

§ 9. Interest by directors in contracts awarded by board prohibited: Exceptions: Punishment on violation

No director of the district shall in any manner be interested directly or indirectly, in any contract awarded or to be awarded by the board, or in the profits to be derived therefrom. For any violation of this provision, such person shall be guilty of a misdemeanor, and upon conviction thereof shall forfeit his office. This section shall not be construed to apply to any contract made with a corporation for its general benefit where such a director is a minority stockholder therein.

§ 10. Performance of duties by county officers

The board of directors may appoint the county clerk, county assessor and tax collector, county auditor, county treasurer, district attorney, their assistants, deputies, clerks and employees to be ex officio officers, assistants, deputies, clerks and employees respectively of the district. Upon appointment, the board of directors by board order shall determine the amount of compensation paid each officer for the ex officio duties required under this act. [Amended by Stats 1970 ch 190 § 3, effective June 9, 1970.]

§ 11. Adoption, certification, recording and publication of ordinances, resolutions and other legislative acts: Initiative and referendum powers of electors

All ordinances, resolutions and other legislative acts for the district shall be adopted by the board, and certified to, recorded and published in the same

manner, except as herein otherwise expressly provided, as are ordinances, resolutions or other legislative acts for the county.

The initiative and referendum powers are hereby granted to the electors of the district to be exercised in relation to the enactment or rejectment of district ordinances in accordance with the procedure established by the laws of the State of California for the exercise of such powers in relation to counties.

§ 12. Claims against district: Preparation, presentment, auditing and allowance or disallowance: Manner

Claims against the district shall be prepared, presented, audited and allowed or disallowed in the same manner and within the periods of time specified in the laws of the State of California, now or hereafter enacted, for the preparing, presenting, auditing, and allowance or disallowance of claims against the county.

§ 13. Title to property: Authority of board

The legal title to all property acquired under the provisions of this act shall immediately and by operation of law vest in the district, and shall be held by the district, in trust for, and is hereby dedicated and set apart to, the uses and purposes set forth in this act and all such property is exempt from taxation or assessment by the State, any county, city, or district. The board is authorized to hold, use, acquire, manage, occupy and possess said property, as provided herein if the board determines by resolution duly passed and entered in their minutes, that any district property, real or personal, is no longer necessary to be retained for the uses and purposes of the district, it may thereafter sell or otherwise dispose of said property, or lease the same, in the manner provided by law for the disposition and sale of property of counties, except that the title to real property, water rights or waterworks shall not be conveyed or alienated except by a vote of the electors at an election held for that purpose.

§ 14. Grant of right of way for location, etc., of flood control works across public lands of State: Procedure when power exercised

There is granted to the district the right of way for the location, construction and maintenance of flood control channels, ditches, waterways, conduits, canals, storm dikes, embankments, and protective works in, over and across public lands of the State of California, not otherwise disposed of or in use, not in any case exceeding in length or width that which is necessary for the construction of such works and adjuncts or for the protection thereof. Whenever any selection of a right of way for such works or adjuncts thereto is made by the district the board must transmit to the State Lands Commission, the Controller of the State and the recorder of the county in which the selected lands are situated, a plat of the lands so selected, giving the extent thereof and the uses for which the same is claimed or desired, duly verified to be correct. If the State Lands Commission shall approve the selections so made it shall endorse its approval upon the plat and issue to the district a permit to use such right of way and lands.

§ 15. Contracts exceeding $2,000: Letting to lowest bidder: Call for bids: Bonds: Rejection of bids: Doing work by force account: Purchase of materials and supplies: Limitations: Application of section

All contracts for the construction of any unit of work, except as hereinafter provided, estimated to cost in excess of three thousand five hundred dollars ($3,500) shall be let to the lowest responsible bidder in the manner hereinafter provided. The board shall advertise by three insertions in a daily newspaper of general circulation or two insertions in a weekly newspaper of general circulation published in the district inviting sealed proposals for the construction of the work before any contract shall be made therefor, and may let by contract separately any part of said work. The board shall require the successful bidder to file with the board good and sufficient bonds to be approved by the board conditioned upon the faithful performance of the contract and upon the payment of all claims for labor and material in connection therewith, such bonds to contain the terms and conditions set forth in Chapter 3 (commencing at Section 4200) of Division 5 of Title 1 of the Government Code, and to be subject to the provisions of that chapter. The board shall also have the right to reject any and all bids, in which case the board may advertise for new bids. In the event no proposals are received pursuant to advertisement therefor, where the estimated cost of such work does not exceed the sum of five thousand dollars ($5,000) or where the work consists of emergency work necessary in order to protect life and property, the board of directors, by unanimous vote of all members present, may without advertising for bids therefor have said work done by force account. The district shall have the power to purchase in the open market without advertisement for bids therefor, materials and supplies for use in any work therewith either under contract or by force account; provided, however, that material and supplies for use in any new construction work or improvement, except work referred to in the preceding sentence, may not be purchased if the cost thereof exceeds five thousand dollars ($5,000), without advertising for bids and awarding the contract therefor to the lowest responsible bidder.

The provisions of this section shall have no application to a contract entered into with the United States under the authority of Section 3 of this act, or to a contract authorized by a vote of the electorate of the district. [Amended by Stats 1970 ch 190 § 4, effective June 9, 1970.]

§ 16. Limitations on indebtedness or liability to be incurred

The district shall not incur any indebtedness or liability in any manner or for any purposes exceeding in any year the income and revenue provided for such year, and any indebtedness or liability incurred in violation of this section shall be absolutely void and unenforceable.

This section shall have no application to debts or liabilities incurred pursuant to the provisions of this act, authorizing the issuance of bonds, the levying of special assessments, the execution of contracts with the United States nor to the incurring of any indebtedness or liability authorized by a vote of the electors of the district at an election held for such purpose.

§ 17. General tax levy for district: Manner and time: Amount: Limitations: Increase of tax levied

The board in any year shall have the power to levy a tax, which shall be in addition to taxes for the payment of and interest on any bonded indebtedness, or any other indebtedness to the United States, upon the taxable property in said district. Said tax shall be levied and collected at the same time and in the same manner, together with county taxes and not to exceed, however, the sum of seven cents ($0.07) on each one hundred dollars ($100) of the assessed valuation of all property within the district, measured by the county assessment roll last equalized prior to the levying of said tax, to pay the costs and expenses of surveys, of zoning, compensation for clerical, engineering, legal, printing and advertising of all resolutions, notices, and other matter required to be printed, posted or published, all costs and expenses of legal actions or proceedings, and also the rental or purchase of real or personal property used in connection with such work and surveys, or any other of its purposes and to repay the county any and all moneys loaned to the district for the purposes herein stated and prior to the receipt of taxes.

The board may condition any increase in the tax levied pursuant to this section above the sum of three cents ($0.03) on each one hundred dollars ($100) of the assessed valuation of all property within the district upon the approval of a majority of the registered voters within the district voting at an election called for that purpose and held within the district.

The tax levied pursuant to this section shall be known as the general tax levy for the district. [Amended by Stats 1961 ch 631 § 6 p 1809; Stats 1970 ch 190 § 5, effective June 9, 1970.]

§ 18. Power of board to cause taxes to be levied within any zone: Purposes

The board shall have the power, as provided for in this act, to cause taxes to be levied within any zone for the purpose of paying any obligation of the district created for the district and to accomplish the purpose of the district and of this act.

§ 19. Estimation and determination of amount of money necessary for projects: Procedure: Division of district into zones

The board may estimate and determine the amount of money necessary to be raised to construct or purchase necessary works and acquire the necessary property and rights therefor and otherwise carry out the provisions of this act.

For the purpose of ascertaining the amount of money necessary to be raised for such purposes, or any of them, the board may cause such surveys, examinations, drawings and plans to be made as shall furnish the proper basis for said estimate.

In the estimate of the amount necessary to be raised, the board may include a sum sufficient to pay the interest on the bonds to be issued for a period of three years or less. All such surveys, examinations, drawings, and plans shall be made under the direction of the engineer of the district and shall be certified by him. After receiving such report the board may determine and

declare by resolution whether or not the proposed plan of work is satisfactory and whether or not the project, as set forth in the report, is feasible, and if so, may make an order determining the amount of bonds that should be issued in order to raise the amount of money necessary therefor, and in determining the amount, sufficient shall be included to cover the cost of inspection of works in course of construction.

Prior to the calling of the bond election hereinafter referred to, the board shall cause the entire district, or any portion thereof, to be divided into a zone or zones, if in its opinion such division is necessary because of the varying benefits to the property within the district, together with a statement as to the amount of the sum to be raised from each of such zone or zones for the payment of principal and interest of the bonds of the zone or zones. The district may be divided into as many zones as may be deemed necessary and each zone shall be composed of and include any of the lands in the district which in the opinion of the board will be benefited in substantially the same manner. Each zone shall be designated on a map or plat of the district filed in the office of the board and shall show the separate boundaries of each zone and a statement of the amount to be raised from each zone.

§ 19.5. Areas exempt from inclusion in zones except upon written application to be included

The following areas are exempted from inclusion in any zone within the district except upon written application to be included in all or part of any proposed zone:

(a) Existing irrigation districts.

(b) The operating areas of any existing mutual water companies.

§ 20. Election in connection with zone projects

If after the hearing provided for in Section 5 of this act, the board determines to proceed with any project, the board shall call a special election and submit to the qualified voters of said zone or zones, the following propositions:

1. Shall the report adopted by the board be ratified?
2. Shall the district incur a bonded indebtedness for the purpose of providing for the control and disposition of flood and storm waters of the zone and to protect from damage from such storm and flood waters, the waterways, property, public highways, and public places in the district, and for any other purpose set forth in Section 3 hereof?
3. If a contract with the United States or the State of California is required to be submitted to the voters pursuant to Section 3.1 hereof, shall the district execute such contract?

The resolution calling the special election shall state the estimated cost of the proposed work and improvements, the amount of the principal of the indebtedness to be incurred therefor and shall fix the maximum rate of interest to be paid on said indebtedness which shall not exceed 5 percent per annum, and shall fix the date on which the special election shall be held and the manner of voting for and against the ratification of the report adopted by the board, and for and against the incurring of such indebtedness.

If a contract with the United States or the State of California is submitted for approval of the voters, the resolution shall state the purpose of the contract and the amount of the indebtedness or liability to be incurred thereunder, and shall fix the manner of voting for and against such contract.

For the purpose of the election, the board shall, in its resolution, establish election precincts within the boundaries of the zones affected, and may form election precincts by consolidating the precincts established for general election purposes in the zones, and shall designate a polling place and appoint one inspector, two judges and two clerks for each of such precincts.

In all particulars not recited in such resolution, the election shall be held as nearly as practicable in conformity with the general election laws of the State.

At such election all persons whose names appear on the last Great Register of Tehama County and who own real property within the zone or zones involved shall be entitled to vote as hereinafter provided. The number of votes shall be governed by the assessed value of all real and personal property owned by the elector within the zone involved. Every landowner shall be entitled to one vote for the first one thousand dollars ($1,000) of assessed value or fraction thereof and an additional vote for each additional one thousand dollars ($1,000) of assessed value or fraction thereof.

In the case of land owned by a copartnership or a corporation the method of voting shall be as follows:

Copartners whose names appear on the last Great Register of Tehama County and who own land in the zone or zones affected shall be eligible to vote. In the case of a corporation owning land in the zone or zones affected and who has a stockholder or stockholders whose name or names appear on the last Great Register of Tehama County said stockholder or stockholders shall be eligible electors. A copartnership or corporation may designate which partner or partners and stockholder or stockholders is to represent the owners of land at any election and the percentage to be voted by each copartner or stockholder. The designation is to be made in writing and in the case of a copartnership the document shall be signed by the partners and in the case of a corporation the document shall be signed by the officers and bear the corporate seal and said document shall be delivered to the election board at the time of voting. If the voter is not a resident of the zone or zones affected, his voting precinct shall be the precinct in which his land, or the land he represents, is situated.

Such resolution calling such election shall be published once a day for at least seven days, in some newspaper published at least five days a week in the district, or once a week for two weeks in some newspaper published less than five days a week in such district, and one insertion each week for two succeeding weeks shall be sufficient publication in such newspaper published less than five days a week. No further notice of such election need be given.

Any defect or irregularity in the proceedings prior to the election shall not affect the validity of the bonds or of any contract submitted for approval.

If at such election two-thirds or more of the votes are cast in favor of ratifying the adoption of the report by the board and the incurring of such

bonded indebtedness, then the bonds of the district, for the amounts stated in such proceedings, shall be issued and sold as provided in this act.

If at such election two-thirds or more of the votes are cast in favor of executing a contract submitted for approval, then the contract shall be executed by the district. [Amended by Stats 1959 ch 940 § 2 p 2969.]

§ 21. Period during which another election prohibited where proposition fails to receive required number of votes

Should the proposition be submitted to the electorate as provided in Section 20 fail to receive the requisite number of votes of the qualified electors voting at such election for the purposes specified, the board shall not for one year after such election call or order another election in the district for the same purposes.

§ 22. Contract by municipal corporation or political subdivision within district to pay to district amount assessed against zones within municipality or political subdivision: Effect: Optional procedure:

Notwithstanding any other provision in this act, the governing body of any municipal corporation or political subdivision at any time after the location and extent of zones within the district and the amount to be raised therefrom in each of such zones for the purpose of assessment have been finally fixed and determined by the board as provided in Section 19, but before the calling of the bond election as provided in Section 20 may, with the consent of the board, enter into a contract with the district to pay to the district for the benefit of the bond fund thereof, if a bond issue be authorized and bonds be issued, an amount which shall be equal to the total amount assessed against all zones situated entirely within the corporate limits of the municipality or political subdivision. Thereupon the charges against the zone or zones shall be canceled to the extent of the amount so agreed to be paid, and thereafter the electors residing within the zone or zones shall not be entitled to vote at such bond election. Such contract shall contain such other and additional provisions as the board deems necessary or advisable in order to to protect the interests of the district and to substitute the contract in lieu and instead of the assessments within the zone or zones so assumed by the municipality or other political subdivision.

It shall be wholly optional with the board whether or not to proceed as provided in this section.

§ 23. Form of bonds: Maturity: Times and place of payment: General obligation bonds: Prohibitions and limitations

Subject to the provisions of this act, the board shall prescribe by resolution the form of the bonds and of the interest coupons attached thereto and shall fix the rate of interest said bonds shall bear, not to exceed 5 percent per annum. The bonds shall mature serially in amounts to be fixed by the board, payment of the bonds commencing not later than five years from the date thereof and being completed in not more than 50 years from said date. The board shall fix the place or places (which may be within or without the State of California and which shall be designated in the bonds) where the bonds, together with the interest thereon, shall be payable. The district or the board

of directors thereof are not by this act authorized to issue general obligation bonds for the purpose of conserving or distributing water to be used for agricultural irrigation purposes. The principal amount of general obligation bonds issued shall not exceed in the aggregate that amount allowed by the California Districts Securities Commission but in no event to exceed 15 percent of the assessed value of all the real and personal property of the zone or zones involved.

§ 24. Same: Denominations: Payment: Signatures and countersignatures: Interest coupons: Signatures by officers ceasing to be such

The bonds shall be issued in such denominations as the board may determine, except that no bonds shall be of a less denomination than one hundred dollars ($100) nor of a greater denomination than one thousand dollars ($1,000). The bonds shall be payable on the day and at the place or places fixed therein, and with interest specified therein, which interest shall be payable semiannually, except the interest for the first year which may be paid in one installment. The bonds shall be signed by the chairman of the board or such other member of the board as the board may, by resolution, designate, and countersigned by the treasurer of the district and the seal of said district shall be affixed thereto. The interest coupons of the bonds shall be numbered consecutively and signed by the treasurer of said district by his engraved or lithographed signature. In case any officer whose signature or countersignature appears on the bonds or coupons shall cease to be such officer before the delivery of such bonds to the purchaser the signature or countersignature shall nevertheless be valid and sufficient for all purposes the same as if such officer had remained in office until the delivery of the bonds.

§ 25. Action to determine validity of bonds: Procedure

An action to determine the validity of bonds may be brought pursuant to Chapter 9 (commencing with Section 860) of Title 10 of Part 2 of the Code of Civil Procedure. [Amended by Stats 1961 ch 1493 § 1 p 3338.]

§ 26. Issuance and sale of bonds: Manner: Price: Publication of notice of sale: Rejection of bids: Registration: Payment to registered owner

The board shall issue and sell the whole or any part of the bonds to the highest bidder or bidders for cash at the best price obtainable therefor, but in no event for less than the par value of such bonds and the accrued interest thereon. Before making a sale of any of the bonds, notice of the sale shall be given by publication in at least one newspaper of general circulation, published in the district by two insertions therein; and no sale shall be had prior to the expiration of 15 days from the first publication of the notice. The board shall have the right to reject any and all bids when in its discretion it appears to the best interest of the district to do so, and may thereafter readvertise as provided in this section for original sale. The bonds may be registered with the treasurer in accordance with the provisions of any law applicable to the registration of municipal bonds, and thereafter the principal and interest thereon shall be paid to the proper registered owner thereof.

§ 27. Investments of surplus money in sinking fund authorized: Sale of securities: Cancellation of district bonds purchased

Whenever the district shall have any moneys in any sinking fund established for the purpose of providing for the payment of the principal or interest of any bonded indebtedness, which money is not immediately required for the purpose of making such payment, the same or any part thereof may be invested temporarily in any bonds already issued by such district or in any bonds of the United States of America or the State of California. Such investment may be made by direct purchase of any issue of bonds of the district or any part thereof at the original sale of such bonds or by the purchase of such bonds after they have been so issued. Any bonds so purchased and held in any such sinking fund may from time to time be sold and the proceeds temporarily reinvested in bonds as above provided. Sales of any bonds so purchased and held in the sinking fund shall, from time to time, be made in season so that the proceeds may apply to the purpose for which the sinking fund was created except that if such moneys shall not be required for the purpose of paying the interest or any part of the principal of the outstanding bonds, the bonds of the district purchased from such moneys may be canceled by the treasurer of said district upon order by the board. After such cancellation such bonds shall cease to be an obligation of the district for any purpose whatsoever.

§ 28. Bonds as evidence of regularity, etc., of proceedings: Effect of irregularity, etc., in proceedings: Payment of bonds by revenue derived from taxation

Bonds issued under this act shall be, by their issuance, conclusive evidence of the regularity, validity and legal sufficiency of all proceedings, acts and determinations had or made under this act. No error, defect, irregularity, informality and no neglect or omission of any officer of the district in any procedure, taken hereunder, which does not affect the jurisdiction of the board to order the doing of the thing or things proposed to be done, shall void or invalidate such proceedings or any bonds issued thereunder. The bonds and the interest thereon shall be paid by revenue derived from an annual tax upon the taxable property within the district, and all the taxable property in the district shall be and remain liable to be assessed for such payments as hereinafter provided.

§ 29. Bonds as legal investments

Any bonds which shall be issued under the provisions of this act shall be legal investments for all trust funds, and for the funds of insurance companies, banks, both commercial and savings, and trust companies, and for state school funds. Whenever any money or funds may be, by any law now or hereafter enacted, invested in bonds of cities, cities and counties, counties, school districts or irrigation districts, within the State of California, such money or funds may be invested in the bonds issued under this act. Whenever bonds of cities, cities and counties, counties, school districts or irrigation districts within this State may be, by any law now or hereafter enacted, used as security for the performance of any act or the deposit of any public moneys, the bonds issued under this act may be so used.

§ 30. Proceeds of bonds: Deposit and payments: Uses authorized

All proceeds received from the sale of the bonds hereunder shall be deposited with the County Treasurer of the County of Tehama, and be paid out by him upon authority of the board and by proper warrant. All proceeds in excess of the actual cost of all work and improvement and proceedings thereunder may be used for any lawful purposes for which the district was created as in this act provided. [Amended by Stats 1959 ch 940 § 3 p 2970.]

§ 31. Annual tax levy for bond interest and principal: Amount: Levy and collection: Procedure: Laws applicable: Basis for taxes: Liens: Compensation to county: Disposition of amount collected

The board shall at the time for fixing the general tax levy for district purposes pursuant to Section 17 and in the manner of such general tax levy provided, levy and collect annually each year until the bonds are paid or until there shall be a sum in the treasury of such district set apart for that purpose to meet all sums coming due for principal and interest on said bonds, a tax sufficient to pay the annual interest on said bonds and also such part of the principal thereof as shall become due before the time for fixing the next general tax levy. There may be included in such tax a sum sufficient, in the judgment of the board to take care of anticipated delinquencies, except that if the maturity of the indebtedness created by the issuance of bonds be made to begin more than one year after the date of the issuance thereof, tax shall be levied and collected annually at the time and in the aforesaid manner, in an amount sufficient to pay the interest on said indebtedness as it falls due and also to constitute a sinking fund for the redemption thereof on or before maturity. The tax herein required to be levied and collected shall be in addition to all other taxes levied for district purposes and shall be collected at the time and in the same manner as other district taxes are collected, and be used for no other purpose than the payment of said bonds and accruing interest.

Such tax shall be levied upon all taxable property within the benefiting zones excluding any property belonging to any county, municipality, or political subdivision within the district, or property belonging to the State of California or the United States.

If the district has been divided into zones and the amount to be raised for the redemption of principal and interest of the bonds from each such zone has been determined as provided in this act, the amount of the tax levied shall be divided according to the amount, and the amount to be raised from the taxable property within each zone shall be levied upon and against the property in such zone as hereinbefore provided.

The provisions of law of this state prescribing the time and manner of levying, assessing, equalizing and collecting county property taxes including the sale of property for delinquency, and for redemption from such sale, and the duties of the several county officers with respect thereto, so far as they are applicable, and not in conflict with the specific provisions of this act, are hereby adopted and made a part hereof. Such officers shall be liable upon their several official bonds for the faithful discharge of the duties imposed upon them by this act.

The board shall take the assessment on the equalized roll of the County of Tehama as the basis for district taxes and for its taxes collected by the county officials of said county. On or before the first of August the board shall file with the auditor a certified copy of the map or plat showing the zones and the amount to be raised from each zone. The auditor of such county must, on or before the second Monday of August of each year, transmit to the board a statement in writing showing the total value of all property within the district, which value shall be ascertained from the equalized roll of such county for that year. Said statement shall also show the total value of all property in each of said zones respectively.

The board shall, on or before the first weekday in September, or if such weekday falls upon a holiday, then upon the first business day thereafter, fix the rate of tax for each zone, and designate the number of cents upon each one hundred dollars ($100) on the equalized roll, which rate of taxation shall be sufficient to raise the amount previously fixed by the board as hereinabove prescribed. Such acts by the board shall constitute a valid assessment of the property and a valid levy of the tax so fixed. The board must immediately thereafter transmit to the county auditor a statement of the rate of taxes so fixed by said board for each zone into which the district may be divided and the county auditor shall enter such rate upon the county tax roll. Such taxes so levied shall be collected at the same time and in the same manner as county taxes and when collected the net amount ascertained as hereinafter provided shall be paid to the treasurer of the district under the general requirements and penalties provided by law for the settlement of other taxes.

All taxes levied under the provisions of this act shall be a lien upon the property on which they are levied and unless the board has by resolution otherwise provided the enforcement of the collection of such taxes shall be had in the same manner and by the same means as provided by law for the enforcement of the liens for state and county taxes, all provisions of law relating to the enforcement of the latter being hereby made a part of this act. [Amended by Stats 1961 ch 631 § 7 p 1809; Stats 1970 ch 190 § 6, effective June 9, 1970.]

§ 31.5. Levy of tax on zone: Expenditure of revenues: Tax as additional

After the formation of a zone pursuant to the provisions of Section 4, the board shall have power, in any year, to levy a tax upon the taxable property in any such zone as provided in Section 31 at the time and in the manner set forth therein, to carry out any of the obligations specified in this act and to pay any contractual indebtedness incurred for such zone in accordance with the provisions of Section 3.1. The board shall have power to control and order the expenditures for such purposes of all revenue derived. The tax authorized by this section shall be in addition to any tax levied to meet the bonded indebtedness of the district and all interest thereon. [Added by Stats 1963 ch 332 § 4 p 1118.]

§ 32. Power of board to levy taxes and to control and order expenditures of revenue derived: Tax rate in accordance with resolution: Special election: Apportionment in accordance with zones

After the formation of a zone in the district, the board shall have power, in

any year, to levy a tax upon the taxable property in the benefiting county-wide or intracounty zones as provided in Section 31 at the time and in the manner set forth therein, to carry out any of the objects or purposes of this act, and to pay the costs and expenses of maintaining, operating, extending and repairing any work or improvement of such zones for the ensuing fiscal year. The board shall have power to control and order the expenditures for said purposes of all revenue so derived, except that taxes levied under this section for any one year shall not exceed the rates specified in this section on each one hundred dollars ($100) of the assessed valuation of the property in such zones as said assessed valuation is shown on the last preceding assessment records for state and county purposes.

The board on its own motion may set a tax rate not exceeding five cents ($0.05) on each one hundred dollars ($100) of the assessed valuation of such property. Upon the filing with the board of the unanimous written consent of the advisory committee, if there be a committee, the board may by majority vote set a tax rate not exceeding fifteen cents ($0.15) on each one hundred dollars ($100) of the assessed valuation of such property. The board may call a special election for the purpose of submitting to the voters of the zone a resolution to authorize the board to set a tax rate not exceeding fifty cents ($0.50) on each one hundred dollars ($100) of the assessed valuation of such property during the years specified in the resolution. If a majority of the votes cast at the special election approve the resolution, the board is authorized to set the tax rate in accordance with the resolution.

Such tax shall be in addition to any tax levied to meet the bonded indebtedness of said district and all interest thereon. If the district has been divided into zones, the taxes to be levied as provided in this section shall be apportioned in accordance with the zones established for the levying and collection of taxes to pay the principal and interest of the bonds of the district. [Amended by Stats 1961 ch 631 § 8 p 1811; Stats 1970 ch 190 § 7, effective June 9, 1970.]

§ 33. Exemption of bonds from taxation

Bonds issued by the district and property of the district shall be exempt from taxation as provided by Sections 1 and 1 3/4 of Article XIII of the State Constitution.

§ 34. Provisions relative to performance of official duties, etc., to be deemed directory: Effect of error in computation of amount due on bonds, coupons, assessments, etc.

The provisions of this act relative to the performance of official duty as to any time or place, the form of any resolution, notice, order, list, certificate of sale, deed or other instrument shall be deemed directory. No bond, coupon, assessment, or installment thereof, or of the interest or penalties thereon, or certificate of sale or deed shall be held invalid for error in the computation of the proper amount due on the same; provided, the error be found to be comparatively negligible or be found to be one in favor of the owner of the property affected thereby.

§ 35. Construction of act: Effect of errors, irregularities, etc.

This act shall be liberally construed to the end that the purposes may be effective. No error, irregularity, informality and no neglect or omission of any officer of the district in any procedure taken hereunder which does not directly affect the jurisdiction of the board to order the work done or improvement to be made shall void or invalidate such proceedings or any assessment for the cost of work or improvement done thereunder.

§ 36. Separability provision

If any provision of this act, or the application thereof to any person or circumstance, is held invalid, the remainder of this act, or the application of such provision to other persons or circumstances, shall not be affected thereby.

§ 37. Emergency clause

This act is hereby declared to be an urgency measure necessary for the immediate preservation of the public peace, health or safety within the meaning of Section 1 of Article IV of the Constitution and shall therefore go into immediate effect. A statement of the facts constituting such necessity is as follows:

The effective culmination of planning and application and operation of engineering and fiscal data developed for use in this project requires the development of an immediate and expedient program prior to the flood season. In order to accomplish this purpose and to effect operation at the earliest possible moment under favorable conditions, it is necessary that this act take effect immediately.

§ 38. District as validly created: Necessity that statement and map or plat required by Gov C Tit 5 Div 2 Pt 1 be filed before creation of zones effective: Manner of levying taxes: Assessments as liens: Presumption that assessments are correct assessments: Equalizing assessments: Changing assessments: Prescription by board of necessary ordinances: Application of Gov C Tit 5 Div 2 Pt 1 Ch 8

Notwithstanding Chapter 8 (commencing at Section 54900) of Part 1 of Division 2 of Title 5 of the Government Code, the district is validly created for the purposes of assessment and taxation. The creation of any zone in the district shall not be effective for purposes of assessment or taxation for the fiscal year 1957-58 and shall not be effective for such purposes for any fiscal year thereafter unless the statement and map or plat required by Chapter 8 (commencing at Section 54900) of Part 1 of Division 2 of Title 5 of the Government Code are filed with the county assessor and the State Board of Equalization on or before the first of February of the year in which the assessments or taxes are to be levied. Until such time as the creation of any zone shall be effective for purposes of assessment or taxation, any tax or assessment levied by the board shall be levied at a uniform rate on all property in the district.

For the fiscal year 1957-58, but for no other fiscal year, the assessment and equalization of property for the purpose of district taxation shall be effected as provided in this section.

Assessments of this district for the fiscal year 1957-58 are liens on the property the same as if they were county taxes, except that the district assessment liens attach as of noon on the day after this act becomes effective.

It is presumed that the assessments of property made by the county assessor and by the State Board of Equalization for county taxation purposes for the fiscal year 1957-58 are the correct assessments for purposes of assessment by the district and the rolls prepared by the county assessor and the State Board of Equalization shall be used for purposes of levying and collecting the assessments for the district. If the ownership or taxable situs or value of any property changes between noon on the first Monday in March, 1957, and the date on which attaches the lien for assessments of the district for the fiscal year 1957-58, then, on petition of the taxpayer affected to the assessing authority, suitable entry shall be made on the assessment roll, in the manner prescribed by the State Board of Equalization, to indicate such change in the ownership or taxability or value of the property for purposes of assessment by the district.

In equalizing the assessments made by the county assessor, the Tehama County Board of Equalization, in addition to its regular equalization duties shall also, in the same manner and under the same rules, equalize the valuation of property for purposes of assessment by the district in accordance with the requirements of this section and any such changes made by the county board of equalization in the assessment roll shall be entered in the manner prescribed by the State Board of Equalization.

If, for purposes of assessments by the district, a change in the assessment for county taxation purposes is not sought under this section before the end of the period during which such assessment may be equalized, or corrected on a petition for reassessment, such assessment, if valid for county taxation purposes, is conclusively presumed to be the correct assessment for assessment purposes of the district.

The board may prescribe by ordinance any necessary procedure, in accordance with the policy of this act, for the purpose of assessing, equalizing, levying, and collecting taxes or assessments for the district for the fiscal year 1957-58.

Chapter 8 (commencing with Section 54900) of Part 1 of Division 2 of Title 5 of the Government Code does not apply to the district with respect to any tax or assessment levied by the district for the fiscal year 1957-58. [Amended by Stats 1970 ch 190 § 8, effective June 9, 1970.]

§ 39. Designation of act

This act shall be known as the "Tehama County Flood Control and Water Conservation District Act."

RESOLUTION NO. 6-2021

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE TEHAMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT ADOPTING THE GROUNDWATER SUSTAINABILITY PLAN FOR THE RED BLUFF SUBBASIN AND AUTHORIZING AND DIRECTING ITS FILING WITH THE CALIFORNIA DEPARTMENT OF WATER RESOURCES

WHEREAS, in 2014 the California legislature adopted, and the Governor signed into law, Senate Bills 1168 and 1319 and Assembly Bill 1739, known collectively as the Sustainable Groundwater Management Act (SGMA) of 2014 that initially became effective on January 1, 2015, and that has been amended from time-to-time thereafter; and

WHEREAS, the stated purpose of SGMA, as set forth in California Water Code section 10720.1 is to provide for the sustainable management of groundwater basins at a local level by providing local groundwater agencies with the authority, and technical and financial assistance necessary to sustainably manage groundwater; and,

WHEREAS, SGMA requires the designation of Groundwater Sustainability Agencies (GSAs) for the purpose of achieving groundwater sustainability through the adoption and implementation of regulatory programs known as Groundwater Sustainability Plans (GSPs) or an alternative plan for all medium and high priority subbasins within Tehama County; and,

WHEREAS, in November 2015 the Tehama County Flood Control and Water Conservation District Board of Directors adopted Resolution No. 5-2015 electing to be the GSA for all portions of the Rosewood, Bowman, South Battle Creek, Red Bluff, Bend, Antelope, Dye Creek, Los Molinos, Corning, Vina, and Colusa Subbasins located within Tehama County; and

WHEREAS, the Red Bluff Subbasin of the Sacramento Groundwater Basin was classified as a medium priority during the DWR 2018 Basin Reprioritization, and

WHEREAS, the Tehama County Flood Control and Water Conservation District has undertaken the process to prepare a GSP for the Red Bluff Subbasin; and

WHEREAS, the Tehama County Flood Control and Water Conservation District provided the notices required by Water Code section 10727.8, and formed the Tehama County Groundwater Commission, consisting of a diverse group of stakeholders which has reviewed and provided input into the Red Bluff Subbasin GSP, and

WHEREAS, the Tehama County Flood Control and Water Conservation District Board of Directors and Tehama County Groundwater Commission have held numerous public meetings where elements of the Red Bluff Subbasin GSP have been presented and discussed, and where the general public has been provided the opportunity to comment on the various elements of the Red Bluff Subbasin GSP, and

WHEREAS, the Tehama County Flood Control and Water Conservation District has received public comments on the various elements of the GSP, which have been reviewed; and

WHEREAS, the Tehama County Flood Control and Water Conservation District has noticed a public hearing for December 20, 2021, as required by Water Code section 10728.4 for the purpose of considering adoption of the Red Bluff Subbasin GSP

NOW, THEREFORE, BE IT RESOLVED, the Board of Directors of the Tehama County Flood Control and Water Conservation District finds as follows:

1. Tehama County Flood Control and Water Conservation District Board of Directors hereby approves and adopts the draft Red Bluff Subbasin GSP and directs staff to make editorial and non-substantial changes to the final version that will be provided to DWR; and
2. Tehama County Flood Control and Water Conservation District Board of Directors authorizes staff to take such other actions as may be reasonably necessary to submit the Red Bluff Subbasin GSP to DWR by January 31, 2022 and implement the purpose of this Resolution.

The foregoing resolution was offered on a motion by Director Williams, seconded by Director Carlson, and carried by the following vote of the Board:

AYES: Directors Carlson, Garton, Leach, Moule, Williams

NOES: None

ABSENT OR NOT VOTING: None

STATE OF CALIFORNIA)
) ss
COUNTY OF TEHAMA)

I, JENNIFER VISE, County Clerk and ex-officio Clerk of the Board of Directors of the Tehama County Flood Control and Water Conservation District, State of California, hereby certify the above and foregoing to be a full, true, and correct copy of an order adopted by said Board of Directors on this 20th day of December 2021.

DATED: This 21st day of December 2021

JENNIFER A. VISE, County Clerk and ex-officio
Clerk of the Board of Directors of the Tehama
County Flood Control and Water Conservation District,
State of California

By: _____ Deputy

Appendix 1-B

GSA Formation Documents

- Notice of Intent to establish a Groundwater Sustainability Agency
- Resolution No. 05-2015 to establish a Groundwater Sustainability Agency
- November 3, 2015 Public Hearing Notice
- June 2, 2015 Public Hearing Notice
- Ordinance No. 2016-1 to establish the Tehama County Groundwater Commission
- Letters of Support

COUNTY OF TEHAMA
DEPARTMENT OF PUBLIC WORKS
9380 San Benito Avenue
Gerber, CA 96035-9701
(530) 385-1462
(530) 385-1189 Fax

Road Commissioner
Surveyor
Engineer
Public Transit
Flood Control & Water Conservation District
Sanitation District No. 1

November 4, 2015

F-15-032

Mark Nordberg, GSA Project Manager
Sustainable Groundwater Management Section
California Department of Water Resources
P.O. Box 942836
Sacramento, California 94236-0001

Re: Notice of Intent to Become a Groundwater Sustainability Agency for all eleven (11) Groundwater Subbasins located within Tehama County.

Dear Mr. Nordberg,

Pursuant to Water Code Section 10723.8, the Tehama County Flood Control and Water Conservation District (DISTRICT), hereby notifies the California Department of Water Resources (DWR) of its intent to become the Groundwater Sustainability Agency (GSA) for all portions of the eleven Groundwater Subbasins located within Tehama County (See Exhibit A). All applicable information in Water Code Section 10723.8(a) is provided in this notification. The DISTRICT intends to manage the following subbasins or portions of those subbasins located within the County:

- Rosewood (Subbasin number 5-6.02)
- Bowman (Subbasin number 5-6.01)
- South Battle Creek (Subbasin number 5-6.06)
- Red Bluff (Subbasin number 5-21.50)
- Bend (Subbasin number 5-21.53)
- Antelope (Subbasin number 5-21.54)
- Dye Creek (Subbasin number 5-21.55)
- Los Molinos (Subbasin number 5-21.56)
- Corning (Subbasin number 5-21.51)
- Vina (Subbasin number 5-21.57)
- Colusa(Subbasin number 5-21.52)

The Boundaries of the subbasins are as identified in Bulletin 118, Update 2003. Tehama County currently has 1 high priority subbasin: Vina; 7 medium priority subbasins: Bowman, Red Bluff, Antelope, Dye Creek, Los Molinos, Corning, and Colusa; and 3 low priority subbasins: Rosewood, South Battle Creek, and Bend. Although not required by the Sustainable Groundwater Management Act of 2014 (SGMA), the DISTRICT also proposes to become the GSA and complete a Groundwater

Sustainability Plan (GSP) for the 3 low priority subbasins in order to facilitate a holistic approach to managing groundwater in Tehama County. The DISTRICT is not aware of any other GSAs operating within the groundwater basins listed above.

The DISTRICT boundary is identified as the area included within the exterior boundary of the County of Tehama and further identified in the California Water Code Appendix 82-1. The DISTRICT was enacted in 1957 to provide for the control and conservation of flood and storm waters and the protection of watercourses, watersheds, public highways, life and property from damage or destruction from such waters; to provide for the acquisition, retention, and reclaiming of drainage, storm, flood, and other waters and to save, conserve, and distribute such waters for beneficial use in said DISTRICT; to authorize the incurring of indebtedness, the issuance of sale of bonds, and the levying and collection of tax assessments on property within said DISTRICT and in the respective zones thereof; to define the powers of said DISTRICT; to provide for the government , management, and operation of said DISTRICT and for the acquisition and construction of property and works to carry out the purposes of the DISTRICT. The DISTRICT Board of Directors is composed of members of the County Board of Supervisors, which are elected by Supervisorial District. The DISTRICT operates under authority of the Board of Directors with management and oversight delegated to the Tehama County Department of Public Works. The Public Works Director serves as the Executive Director of the DISTRICT. Additionally, no new bylaws, ordinances, or other authorities were adopted in conjunction with the establishment of the GSA.

The DISTRICT has been actively managing groundwater throughout the County for the past 20 years. The County first adopted a Groundwater Management Plan in 1996 and has recently updated this plan in 2012. This plan has been supported extensively throughout the County and will serve as the foundation for the GSP. The DISTRICT has also completed Technical Memorandums that include Basin Management Objectives, such as Groundwater Trigger Levels and Awareness Actions for each of the subbasins located within the County (2008); Countywide Water Inventory & Analysis (2003); Small Water Systems Drought Vulnerability Assessment (2005); Summary Report for Groundwater Recharge Area Location Study (2011), and participated in the California Statewide Groundwater Elevation Monitoring (CASGEM) program since 2010. The DISTRICT installed its first two multi-completion groundwater monitoring wells with assistance from DWR in 2004, and has since installed an additional six wells. The DISTRICT continues to monitor these wells several times a year uploading the data to the CASGEM database. These documents can be located on the DISTRICT website http://www.tehamacountypublic works.ca.gov/Flood/. The DISTRICT also has an active Technical Advisory Committee (TAC) that reports to the DISTRICT Board which is comprised of representatives from Agriculture, Domestic/Industrial Water Providers, Natural Resources, and representatives from the cities of Corning, Red Bluff, and Tehama. This TAC meets at least quarterly and has helped review and provided comment on the previously mentioned documents.

The DISTRICT held a public hearing concerning the formation of the GSA on June 2, 2015. During this meeting several agencies expressed an interest in participating in the GSA governance structure. The DISTRICT developed a governance proposal (See Exhibit C) which included an eleven member Groundwater Commission (Commission) comprised of city and District representatives and other stakeholders. The commission will have broad responsibility for all aspects of GSP development and implementation, and will have decision-making authority regarding permits and enforcement

matters. Letters of support (See Exhibit D) for the proposed Governance Proposal have been received from the City of Corning, City of Red Bluff, City of Tehama, El Camino Irrigation District, and the Rio Alto Water District. These agencies which represent some of the larger groundwater pumpers within the County will have an established seat on the Commission along with the Los Molinos Community Services District. The additional 5 members of the Commission will represent each of the five County Supervisorial Districts, these representatives will be nominated by the seated Commission members and confirmed by the DISTRICT Board of Directors.

The DISTRICT caused notice of its election to serve as a GSA to be published in the Red Bluff *Daily News* on October 21 and 31 (See Exhibit E), as provided by Water Code Section 10723(b) and Government Code Section 6066. Courtesy copies of the notice were also emailed or mailed to:

- City of Red Bluff
- City of Corning
- City of Tehama
- Anderson Cottonwood Irrigation District
- Rio Alto Water District
- Thomes Creek Water District
- Corning Water District
- Deer Creek Irrigation District
- El Camino Irrigation District
- Gerber Las Flores Community Services District (CSD)
- Glenn-Colusa Irrigation District
- Los Molinos Mutual Water Company
- Proberta Water District
- Stanford Vina Ranch Irrigation District
- Paskenta CSD
- Kirkwood Water District
- Orland Unit Water Users Association
- Rancho Tehama Association
- Lake California Property Owners Association
- Mineral Water Company
- Red Bluff Tree Farm
- Golden Meadows Estates CSD
- Los Molinos CSD
- Reeds Creek Estates CSD
- Rio Ranch Estates CSD
- Paskenta Band of Nomlaki Indians
- Tehama Colusa Canal Authority
- Resource Conservation District of Tehama County
- Cattlemen's Association
- Cattlewomen's Association
- Shasta-Tehama Watershed Education Coalition
- Deer Creek Watershed Conservancy
- Mill Creek Watershed Conservancy
- Natural Resources Conservation Service
- California Department of Forestry and Fire Protection
- California Department Of Water Resources
- University of California Cooperative Extension
- Tehama County AB3030 Technical Advisory Committee Members
- Tehama County Board of Supervisors
- Tehama County Administration
- Tehama County, County Counsel
- Tehama County Public Works
- Tehama County Farm Bureau
- Tehama County Environmental health
- Tehama County Planning Department
- Tehama County Sherriff's Office
- Butte County
- Glenn County
- Shasta County

On November 3, 2015, the DISTRICT Board held a second public hearing concerning the formation of the GSA and unanimously approved Resolution No. 05-2015 (See Exhibit B), which directed DISTRICT Staff to complete and submit this Notice of Intent.

Pursuant to Water Code Section 10723.8(a)(4) the DISTRICT will consider the interest of all beneficial uses and users of groundwater, as well as those responsible for implementing GSPs. The Groundwater Commission described in Exhibit C, which the DISTRICT has committed to promptly establish, was carefully designed with stakeholder input to ensure that those parties listed in section 10723.2 have an active, long-term role in developing and implementing the GSP and GSA rules and regulations. In addition, the DISTRICT has communicated with parties interested in the sustainable management of groundwater in the subbasins, and will continue to solicit feedback from those parties as the plan is developed. These interests include, but are not limited to all of the following:

- **Holders of overlying groundwater rights:**
    - Agricultural users: The proposed GSA area contains a significant amount of agricultural users of groundwater. Some of the agricultural users get their water from the water/irrigation districts listed above, but a large portion of the independent pumpers do not have an organized association that represents them. The DISTRICT will perform outreach during GSP development with the assistance of the Tehama County Farm Bureau, the University of California Cooperative Extension, and the Resource Conservation District of Tehama County to reach this group.
    - Domestic well owners: A majority of the residents living within the proposed GSA area use groundwater to fulfill their domestic water needs. The DISTRICT will hold public meetings in several locations throughout the county during the GSP development process to gather input from this demographic. The DISTRICT will work with the Tehama County Environmental Health Department and the Community Action Partnership to assist with outreach to this group.
- **Municipal well operators:** The Cities of Corning, Red Bluff, and Tehama will have representatives on both the Groundwater Commission and the TAC. These three cities and their constituents are also directly represented by their Board of Directors members whose Supervisorial Districts overlay each city's jurisdictions. All three cities will have the opportunity to participate in the GSP development and in future actions taken by the Groundwater Commission.
- **Public water systems:** The DISTRICT provided courtesy notice of their intention to serve as the GSA to the Public Water Systems listed above, and will continue to communicate with and solicit feedback from these agencies as the GSP is developed.
- **Local land use planning agencies:**
    - Butte County: The proposed GSA boundary would split the Vina Subbasin which extends into Butte County. The DISTRICT has met with the Butte County Department of Water and Resource Conservation (BCDWRC), which is the agency most likely to become the GSA for the portion of the Vina Subbasin which lies outside Tehama County. The DISTRICT has coordinated with BCDWRC on

groundwater monitoring activities in the Vina Subbasin over the past 2 decades. Staff from both agencies have agreed to coordinate our efforts on managing the Vina Subbasin through a Memorandum of Understanding (MOU), Coordination Agreement, or similar type document, while each becoming a GSA and submitting a GSP for the portions of the subbasin located within their respective Counties. The District may submit for a Basin Boundary Adjustment to split the subbasin at the county line once DWR releases the regulations on Basin Boundary Adjustments in January 2016.

- Glenn County: The proposed GSA boundary would split both the Colusa and Corning Subbasins which extend into Glenn County. The DISTRICT is planning to submit a Boundary Basin Adjustment to incorporate the small segment of the Colusa Subbasin that lies within Tehama County, into the Corning Subbasin. This 1,300 acre area with 10 individual landowners would get better representation by their local elected officials on the DISTRICT Board, then to be grouped into the large 918,380 acre Colusa Subbasin that spans four counties. The DISTRICT will coordinate with the GSA responsible for the portion of the Colusa subbasin that borders Tehama County. The DISTRICT has met with the Glenn County Department of Agriculture, which is the agency most likely to become the GSA for the portion of the Corning Subbasin which lies outside Tehama County. Staff from both agencies have agreed to coordinate our efforts on managing the Corning Subbasin through a MOU, Coordination Agreement, or similar type document, while each becoming a GSA and submitting a GSP for the portions of the subbasin located within their respective Counties. The DISTRICT may submit for a Basin Boundary Adjustment to split the Corning subbasin at the county line once DWR releases the regulations on Basin Boundary Adjustments in January 2016.
- Shasta County: While Shasta and Tehama Counties do not share any subbasins, the three northern subbasins in Tehama County are part of the Redding Groundwater Basin. The DISTRICT will continue to monitor the GSA development process in Shasta County, and will coordinate with the Groundwater Sustainability Agency(s) that form in subbasins adjacent to Tehama County.
- Other Water and Irrigation Districts outside the GSA boundaries: The DISTRICT provided courtesy notice of their intention to serve as the GSA to the Anderson-Cottonwood Irrigation District and the Glenn-Colusa Irrigation District, and will continue to communicate with and solicit feedback from these neighboring agencies as the GSP is developed.

- **Environmental users of groundwater:** N/A
- **Surface water users, if there is a hydrologic connection between surface and groundwater bodies:** The surface water users listed above were provided courtesy notice of the DISTRICT's intention to serve as the GSA and will be included in the GSP planning process.
- **The federal government, including, but not limited to, the military and managers of federal lands:** NRCS and the Bureau of Land Management (BLM) will be coordinated with during the GSP development process. The BLM owns land in the Northern portion of the County that offers multi-use recreational opportunities. The NRCS works with landowners

throughout the County and helps to implement on farm conservation practices.

- **California Native American Tribes:** The Paskenta Band of Nomlaki Indians have a Reservation located in the Corning Subbasin and were provided a courtesy notice of the DISTRICT's intention to serve as the GSA. They will also be included in the GSP planning process.
- **Disadvantaged communities, including, but not limited to, those served by private domestic wells or small community water systems:** A majority of the communities located within the proposed GSA Boundary are classified as Disadvantaged Communities and a majority of them are served by private domestic wells or small community water systems. The DISTRICT will work with the Tehama County Environmental Health Department and the Community Action Partnership to perform outreach and gather information from these communities to incorporate into the GSP.

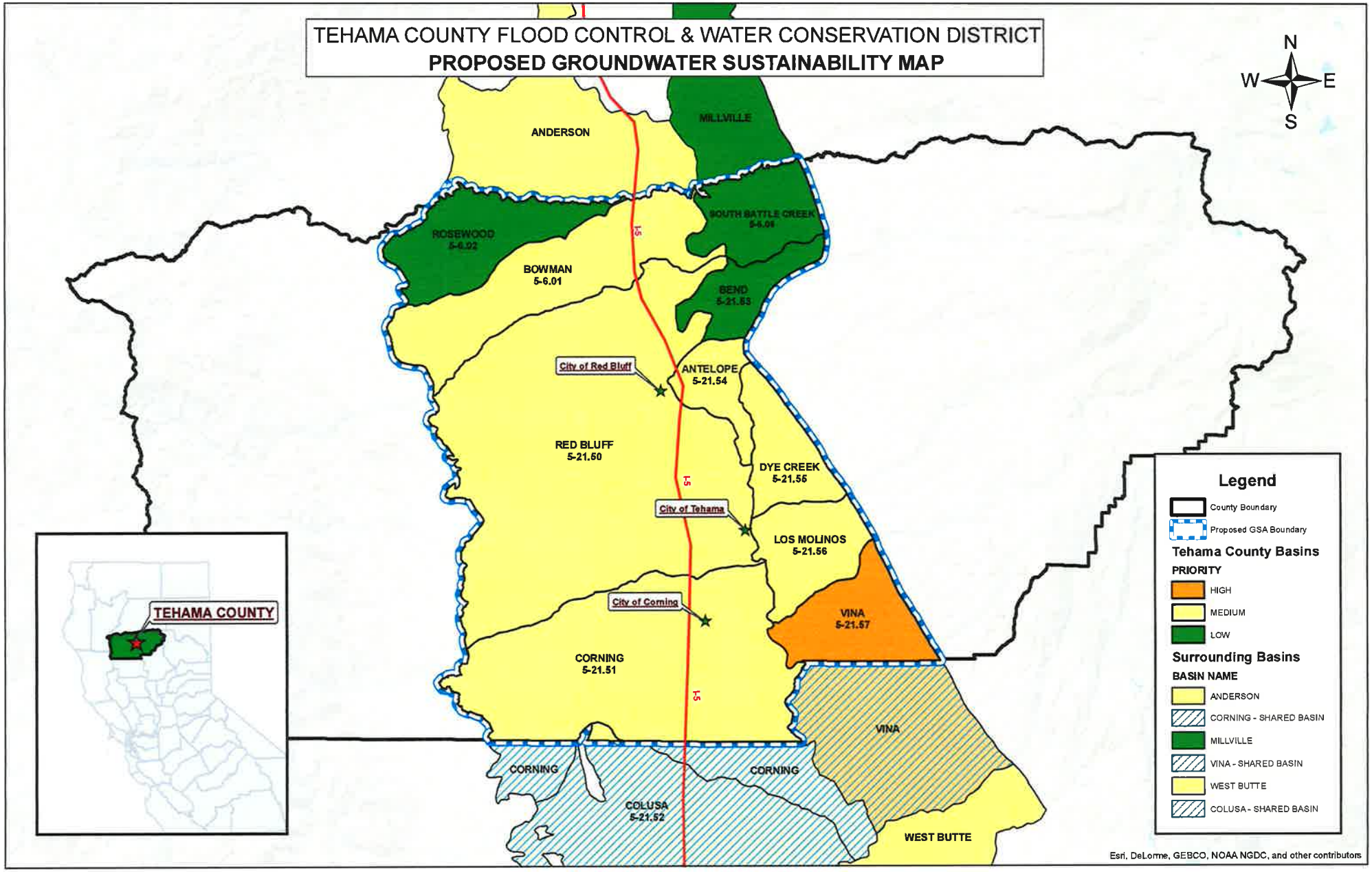
The DISTRICT and other interested stakeholders roles and responsibilities will be further defined in the GSP. The DISTRICT welcomes feedback during this process from the state and any of the agencies or organizations listed herein. If the Department of Water Resources requires anything further prior to the acceptance of this notification of the DISTRICT's election to serve as the GSA for the eleven subbasins or portions of those subbasins located within Tehama County, please contact Ryan Teubert, the Flood Control/Water Resources Manager at (530)-385-1462 x3020 or rteubert@tcpw.ca.gov.

Sincerely,

Gary Antone, Executive Director
Tehama County Flood Control and
Water Conservation District

By_____
Ryan Teubert, Flood Control/Water Resources Manager
Tehama County Flood Control and
Water Conservation District

EXHIBIT A


TEHAMA COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT
PROPOSED GROUNDWATER SUSTAINABILITY MAP
N
W
E
S
ANDERSON
MILLVILLE
SOUTH BATTLE CREEK 5-6.04
ROSEWOOD 5-6.02
BOWMAN 5-6.01
BEND 5-21.53
City of Red Bluff
ANTELOPE 5-21.54
RED BLUFF 5-21.50
DYE CREEK 5-21.55
City of Tehama
LOS MOLINOS 5-21.56
City of Corning
VINA 5-21.57
CORNING 5-21.51
CORNING
COLUSA 5-21.52
CORNING
VINA
WEST BUTTE
I-5
TEHAMA COUNTY
Legend
County Boundary
Proposed GSA Boundary
Tehama County Basins
PRIORITY
HIGH
MEDIUM
LOW
Surrounding Basins
BASIN NAME
ANDERSON
CORNING - SHARED BASIN
MILLVILLE
VINA - SHARED BASIN
WEST BUTTE
COLUSA - SHARED BASIN
Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

RESOLUTION NO. 05-2015

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE TEHAMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT ELECTING TO BE THE GROUNDWATER SUSTAINABILITY AGENCY FOR ALL THOSE PORTIONS OF THE ROSEWOOD, BOWMAN, SOUTH BATTLE CREEK, RED BLUFF, BEND, ANTELOPE, DYE CREEK, LOS MOLINOS, CORNING, VINA, AND COLUSA SUBBASINS LOCATED WITHIN TEHAMA COUNTY

WHEREAS, the Legislature has adopted, and the Governor has signed into law, Senate Bills 1168 and 1319 and Assembly Bill 1739, known collectively as the Sustainable Groundwater Management Act of 2014; and

WHEREAS, the Sustainable Groundwater Management Act of 2014 went into effect on January 1, 2015; and

WHEREAS, the Sustainable Groundwater Management Act of 2014 enables the State Water Resources Control Board to intervene in groundwater basins unless a local public agency or combination of local public agencies form a Groundwater Sustainability Agency or Agencies (GSA) by June 30, 2017; and

WHEREAS, retaining local jurisdiction over water management and land use is essential to sustainably manage groundwater and to the vitality of Tehama County's economy, communities and environment, and

WHEREAS, any local public agency that has water supply, water management or land use responsibilities within a groundwater basin may elect to be the Groundwater Sustainability Agency for that basin; and

WHEREAS, the Tehama County Flood Control and Water Conservation District is a local public agency organized and existing under the Tehama County Flood Control and Water Conservation District Act (Statutes 1957, Chapter 1280; Water Code Appx., ch. 82); and

WHEREAS, under Section 3, subdivision (q) of said Act, the District is responsible for undertaking "any and every lawful act necessary to be done that sufficient water may be available for any present or future beneficial use or uses of lands or inhabitants within the district, including, but not limited to, the acquisition, storage, and distribution for irrigation, domestic, fire protection, municipal, commercial, industrial, recreational, and all other beneficial uses"; and

WHEREAS, under Section 3, subdivision (r) of said Act, the District is further authorized "to prevent interference with or diminution of, or to declare the rights in natural flow of any stream or surface or subterranean supply of waters used or useful for any purpose of the district or of common benefit to the lands within the district or to its inhabitants," and "to prevent unlawful exportation of water from the district," and "to prevent contamination, pollution, or otherwise rendering unfit for beneficial use, the surface or subsurface water used or useful in the district"; and

WHEREAS, the boundary and territory of the District are coextensive with the exterior boundaries of the County of Tehama; and

WHEREAS, the District overlies all those portions of the Rosewood, Bowman, South Battle Creek, Red Bluff, Bend, Antelope, Dye Creek, Los Molinos, Corning, Vina, and Colusa subbasins located within Tehama County; and

WHEREAS, Section 10723.2 of the Sustainable Groundwater Management Act of 2014 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 Sustainable Groundwater Management Act of 2014 requires that a local agency electing to be a GSA notify the Department of Water Resources of its election and its intent to undertake sustainable groundwater management within a basin; and

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

WHEREAS, it would be in the public interest of the people of Tehama County for the District to become the groundwater sustainability agency for all those portions of the Rosewood, Bowman, South Battle Creek, Red Bluff, Bend, Antelope, Dye Creek, Los Molinos, Corning, Vina, and Colusa subbasins located within Tehama County; and

WHEREAS, the District and other local public agencies have a long history of coordination and cooperation on water management; and

WHEREAS, it is the intent of the District to work cooperatively with other local agencies to manage the aforementioned groundwater basins in a sustainable fashion;

NOW, THEREFORE, BE IT RESOLVED, that the Tehama County Flood Control and Water Conservation District hereby elects to become the Groundwater Sustainability Agency for all those portions of the Rosewood (5-06.02), Bowman (5-06.01), South Battle Creek (5-06.06), Red Bluff (5-21.50), Bend (5-21.53), Antelope (5-21.54), Dye Creek (5-21.55), Los Molinos (5-21.56), Corning (5-21.51), Vina (5-21.57), and Colusa (5-21.52) subbasins located within Tehama County.

BE IT FURTHER RESOLVED that the proposed boundaries of the basins that the District intends to manage under the Sustainable Groundwater Management Act of 2014 shall be the entirety of the boundaries for the aforementioned subbasins, as set forth in California Department of Water Resources Bulletin 118 (updated in 2003), that lie within the County of Tehama; provided that the Executive Director is authorized and directed to evaluate whether basin boundaries should be adjusted in a manner that will improve the likelihood of achieving sustainable groundwater management, and communicate the results of that evaluation to the Board of Directors and the Department of Water Resources; and

improve the likelihood of achieving sustainable groundwater management, and communicate the results of that evaluation to the Board of Directors and the Department of Water Resources; and

BE IT FURTHER RESOLVED that within thirty days of the date of this Resolution, the Executive Director is directed to provide notice of this election to the California Department of Water Resources in the manner required by law. Such notification shall include a map of the basins that the District intends to manage under the Sustainable Groundwater Management Act of 2014, a copy of this resolution, a list of interested parties developed pursuant to Section 10723.2 of the Act, 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 agency's groundwater sustainability plan.

BE IT FURTHER RESOLVED that the Executive Director and District legal counsel are hereby directed to promptly prepare the appropriate instruments establishing a Groundwater Commission, as set forth in Attachment "1", and present such documents to the Board for adoption.

BE IT FURTHER RESOLVED that the Executive Director shall begin discussions with other local agencies in these basins in order to begin the process of developing groundwater sustainability plans for the basins, or a joint plan with other groundwater sustainability agencies in which the District might join, in consultation and close coordination with other local agencies, as contemplated by the Act.

BE IT FURTHER RESOLVED that the Executive Director directed to report back to the Groundwater Commission and the Board at least quarterly on the progress toward developing the groundwater sustainability plans.

The foregoing resolution was offered on a motion by Director Garton, seconded by Director Williams, and carried by the following vote of the Board:

AYES: Directors Bundy, Carlson, Chamblin, Garton, Williams,

NOES: None

ABSENT OR NOT VOTING: None

CHAIRMAN, Board of Directors

STATE OF CALIFORNIA)
) ss
COUNTY OF TEHAMA)

DATED: This 3rd day of November, 2015.

JENNIFER A. VISE, County Clerk and ex-officio Clerk of the Board of Directors of the Tehama County Flood Control and Water Conservation District, State of California.

By _____ Deputy

Tehama County Groundwater Sustainability Agency (GSA)

GSA Governing Body - Tehama County Flood Control and Water Conservation District (FCWCD) Board of Directors

1. Final approval authority for GSP and any future amendments, and all GSA ordinances, rules, regulations, and fees.
2. Primary responsibility for funding, resources, and staffing. (Cities/Districts will not be requested to provide or commit funding in order to participate in the Groundwater Commission.)
    - FCWCD will provide staff assistance to Groundwater Commission and Board of Directors throughout the GSP development and implementation process.
    - Where necessary, the Board of Directors will provide additional resources from FCWCD's existing funding or grant opportunities pursued by FCWCD.
    - The Board of Directors will apply for and receive grants to fund GSA activities (with the Commission's recommendation), including responsibility for executing and implementing grant contracts and associated requirements.
    - Further revenue measures, if any, would be reviewed by the Commission prior to adoption by the Board of Directors (and will not be based on GSA participation).
3. Hear and decide appeals (if any) from decisions of the Groundwater Commission on permits, similar entitlements, and enforcement matters.
4. Confirm appointments of the five "Supervisorial District" members of the Groundwater Commission (upon recommendation of the Commission).

Groundwater Commission (Similar to Planning Commission)

1. Develop GSP and any future amendments, and all GSA ordinances, rules, and regulations, including holding public hearings and making final recommendations to Board of Directors.
2. Conduct investigations to determine the need for groundwater management, monitor compliance and enforcement, propose and update fees and making final recommendations to Board of Directors.
3. Review all proposed grant applications, and advise Board of Directors regarding grant funding opportunities.
4. Decision-making authority for permits or similar entitlements issued by the GSA, e.g., well spacing (with appeal).
5. Make quasi-judicial decisions in GSA enforcement matters (with appeal).
6. Membership:
    a. 1- City of Corning (Appointed by City)
    b. 1- City of Red Bluff (Appointed by City)
    c. 1- City of Tehama (Appointed by City)
    d. 1- El Camino Irrigation District (Appointed by District)
    e. 1- Los Molinos Community Services District (Appointed by District)
    f. 1- Rio Alto Water District (Appointed by District)
    g. 5- 1 Representative from each County Supervisorial District
        i. Recommendations to be made by the seated Groundwater Commission members and confirmed by the FCWCD Board of Directors.
        ii. Appointees will be expected to meet certain qualifications:
            - 2 members should represent the interests of surface water agencies or districts;
            - 2 members should represent the interests of private pumpers;
            - 1 member will be an “at large” representative;
            - No agency or district shall be represented by more than 1 member on the Groundwater Commission.

AB3030 Technical Advisory Committee - Provides technical assistance as needed.

EXHIBIT D

City of Corning

794 Third St. Corning, CA 96021 (530) 824-7020 Fax (530) 824-2489

AUG 17 2015

Ryan Teubert, CFM
Tehama County Flood Control &Water Resource District
9380 San Benito Ave.
Gerber, CA 96035

August 14, 2015

Re: Groundwater Sustainability Agency Governance Structure

Dear Mr. Teubert,

Thank you for appearing at the August 11, 2015 City Council meeting and presenting the information regarding the Sustainability Groundwater Management Act. Your presentation was very well done and informative.

As you know, after your presentation, the consensus of the Corning City Council was to concur with the Governance structure that you had proposed where the Flood and Water Conservation District Board would serve as the Groundwater Sustainability Agency and the cities, including the City of Corning would have seats on the Groundwater Commission.

Please call me if you have any additional questions regarding this matter.

John L. Brewer, AICP
City Manager

EXHIBIT D

CITY OF RED BLUFF

555 Washington Street Red Bluff, California 96080 (530) 527-2605 Fax (530) 529-6878 www.cityofredbluff.org

RECEIVED
OCT 9 2015
TEHAMA COUNTY
PUBLIC WORKS

October 7, 2015

Tehama County Public Works
Attention: Gary Antone
9380 San Benito Avenue
Gerber, CA 96035-9701

RE: County GSA Proposal

Dear Gary:

At its meeting of October 6, 2015, the Red Bluff City Council voted to support designation of the Tehama County Flood Control and Water Conservation District (FCWCD) as the Groundwater Sustainability Agency (GSA) for Tehama County. "Funding, resources, and staffing will be the primary responsibility of FCWCD" as the GSA is created and a Groundwater Sustainability Plan (GSP) is drafted and implemented. (See, 9-29-2015 FCWCD presentation to Red Bluff City Council). Nevertheless, the City will remain actively engaged on this issue to assure that the City's needs and concerns are carefully considered by the FCWCD moving forward. Please provide the undersigned with written advance notice of all meetings of the FCWCD Board, as well as copies of all agendas and back up materials.

Background

The City of Red Bluff is the largest supplier of domestic groundwater in Tehama County. The City supplies water to 4,756 different metered water connections, serving a population of 15,000 residents. The City operates a network of 13 municipal water wells.

The City Water Department was established in 1921 and employs 7 full-time employees (not including management and administrative staff). The Water Department's operating budget for 2015/2016 is approximately $2.1 million. The City extracts, pumps and delivers 1,178,953,000 gallons of groundwater per year.

The City routinely collects data regarding all aspects of the City's water supply and use thereof including water quality monitoring. The City brings the resources of the largest domestic water supplier in the County to the table as an active, participating member of the GSA.

GSA Requirements

"Any local agency or combination of local agencies overlying a groundwater basin may elect to be a groundwater sustainability agency for that basin." (Water Code § 10723(a).) A GSA "*shall* consider the interests of all beneficial uses and users of groundwater, as well as those responsible for implementing groundwater sustainability plans. These interests include [ ] all of the following: [ ] (b) Municipal well operators. (c) Public water systems. (d) Local land use planning agencies. [ ]" (§10723.2)

A notification of intent to form a GSA must include a list of interested parties including municipal well operators, public water systems and local land use planning agencies 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 agency's sustainability plan." (§10723.8(a)(4).) A combination of local agencies may form a groundwater sustainability agency through use of a joint powers agreement or other legal agreement. (§10723.6(a))

The statutory mandate makes clear that the City's interests as the largest supplier of domestic groundwater in the County must be considered. In fact, the notice of intent to form a GSA must explain how the City's interests will be considered in the development and operation of the GSA.

Conclusion

The City looks forward to working cooperatively with the FCWCD to implement the requirements of the Groundwater Sustainability Act.

If you have any comments or questions, please contact me or Bruce Henz.

Very truly yours,

Richard L. Crabtree

cc: City Council
Board of Supervisors
County Counsel

EXHIBIT D

City of Tehama

Incorporated 1908

Post Office Box 70
Tehama, CA 96090
Phone: (530)384-1501
Fax: (530)384-1625

September 10, 2015

Ryan Teubert, CFM
Tehama Co. Flood Control &
Water Resource Manager
9380 San Benito Ave.

At its meeting on September 8, 2015, the Tehama City Council voted to accept the proposal received from you for the Tehama County Groundwater Sustainability Agency (GSA). We appreciate your leadership in bring the various organizations together for this important effort.

Sincerely,

Carolyn Steffan
City Clerk/Administrator

RECEIVED
SEP 14 2015
TEHAMA COUNTY
PUBLIC WORKS

EXHIBIT D

El Camino Irrigation District
8451 Hwy. 99-W
Gerber, CA 96035
530-385-1559
530-385-1503 Fax
ecid1559@att.net

Ryan Teubert, CFM
Tehama County Flood Control & Water Resource Manager

We have read and discussed the Tehama County Groundwater Sustainability Agency proposal.

As the Board for El Camino Irrigation District we are approving the proposal as written and appointing District Manager Mark Weber to the Groundwater Commission.

Mike Gividen-District 1

Kris Lamkin-District 2

Rich Sol-Director 3

Leland Hogan-District 4-Chairman

RECEIVED
SEP 14 2015
TEHAMA COUNTY
PUBLIC WORKS

EXHIBIT D

Rio Alto Water District

22099 River View Drive, Cottonwood, California 96022
Telephone 530-347-3835 • Fax 530-347-1007

RECEIVED
OCT 27 2015

October 22, 2015

Ryan Teubert, CFM
Tehama County Flood Control & Water Conservation District
9380 San Benito Ave.
Gerber, CA 96035

Re: Letter of Support

Dear Ryan:

The Board of Directors of the Rio Alto Water District is in support of Tehama Flood Control & Water Conservation District forming and acting as the Groundwater Sustainability Agency(GSA) for the groundwater basins within Tehama County.

We approve of the proposed governance structure and look forward to participating in the Groundwater Commission. The Board acknowledges that Tehama County Flood Control and Water Conservation District was instrumental in developing a Groundwater Management Plan in compliance with AB3030, and as such are the most qualified candidate to form and act as the GSA. Thank you for taking the lead in this task.

Sincerely,

Martha Slack

Martha Slack
General Manager

NOTICE OF PUBLIC HEARING

NOTICE IS HERBY GIVEN that on November 3, 2015, at 1:30 PM, or soon thereafter as may be heard, in the Board of Supervisors Chambers located at 727 Oak St., Red Bluff, California, the Tehama County Flood Control and Water Conservation District (District) Board of Directors will conduct a public hearing to determine whether to adopt a resolution directing the District to submit a Notice of Intent to the California Department of Water Resources stating that the District will be the Groundwater Sustainability Agency (Agency) for all portions of the eleven (11) Groundwater Subbasins located within Tehama County.

The Sustainable Groundwater Management Act (SGMA) became effective on January 1, 2015 and established a new structure for managing California's groundwater resources at a local level. SGMA mandates that all groundwater basins identified in Bulletin 118 must be managed by a Groundwater Sustainability Agency by June 30, 2017. Each Agency will then develop a Groundwater Sustainability Plan (Plan) by January 30, 2022, which will include measurable objectives and milestones that assist the Agencies in achieving groundwater sustainability within 20 years of Plan adoption.

The District is uniquely qualified to become the Agency for all eleven (11) groundwater basins located within the County due to its current jurisdiction which extends throughout the County, its background in groundwater monitoring and water conservation issues, a Board of Directors which is comprised of elected officials representing the entire County, and additional representation from a technical advisory committee to the Board which is comprised of representatives from Agriculture, Domestic/Industrial Water Providers, Natural Resources, and representatives from the cities of Corning, Red Bluff, and Tehama.

During the June 2, 2015 Public Hearing, staff was directed to work with interested water agencies and incorporate them into the governance structure. As a result, an eleven member groundwater commission comprised of city and district representatives and other stakeholders was proposed. To date, letters of support have been received from City of Corning, City of Red Bluff, City of Tehama and El Camino Irrigation District.

The District will be submitting a Notice of Intent at the November 3, 2015 Public Hearing for the following subbasins or the portions of those subbasins located within the County: Rosewood, Bowman, Red Bluff, Corning, Colusa, Vina, Los Molinos, Dye Creek, Antelope, Bend, and South Battle Creek. For questions or additional information on the Sustainable Groundwater Management Act please contact Ryan Teubert, Tehama County Flood Control/Water Resources Manager, 530-385-1462, ext. 3020 or refer to http://www.water.ca.gov/cagroundwater/.

RESOLUTION NO. 05-2015

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE TEHAMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT ELECTING TO BE THE GROUNDWATER SUSTAINABILITY AGENCY FOR ALL THOSE PORTIONS OF THE ROSEWOOD, BOWMAN, SOUTH BATTLE CREEK, RED BLUFF, BEND, ANTELOPE, DYE CREEK, LOS MOLINOS, CORNING, VINA, AND COLUSA SUBBASINS LOCATED WITHIN TEHAMA COUNTY

WHEREAS, the Legislature has adopted, and the Governor has signed into law, Senate Bills 1168 and 1319 and Assembly Bill 1739, known collectively as the Sustainable Groundwater Management Act of 2014; and

WHEREAS, the Sustainable Groundwater Management Act of 2014 went into effect on January 1, 2015; and

WHEREAS, the Sustainable Groundwater Management Act of 2014 enables the State Water Resources Control Board to intervene in groundwater basins unless a local public agency or combination of local public agencies form a Groundwater Sustainability Agency or Agencies (GSA) by June 30, 2017; and

WHEREAS, retaining local jurisdiction over water management and land use is essential to sustainably manage groundwater and to the vitality of Tehama County's economy, communities and environment, and

WHEREAS, any local public agency that has water supply, water management or land use responsibilities within a groundwater basin may elect to be the Groundwater Sustainability Agency for that basin; and

WHEREAS, the Tehama County Flood Control and Water Conservation District is a local public agency organized and existing under the Tehama County Flood Control and Water Conservation District Act (Statutes 1957, Chapter 1280; Water Code Appx., ch. 82); and

WHEREAS, under Section 3, subdivision (q) of said Act, the District is responsible for undertaking "any and every lawful act necessary to be done that sufficient water may be available for any present or future beneficial use or uses of lands or inhabitants within the district, including, but not limited to, the acquisition, storage, and distribution for irrigation, domestic, fire protection, municipal, commercial, industrial, recreational, and all other beneficial uses"; and

WHEREAS, under Section 3, subdivision (r) of said Act, the District is further authorized "to prevent interference with or diminution of, or to declare the rights in natural flow of any stream or surface or subterranean supply of waters used or useful for any purpose of the district or of common benefit to the lands within the district or to its inhabitants," and "to prevent unlawful exportation of water from the district," and "to prevent contamination, pollution, or otherwise rendering unfit for beneficial use, the surface or subsurface water used or useful in the district"; and

WHEREAS, the boundary and territory of the District are coextensive with the exterior boundaries of the County of Tehama; and

WHEREAS, the District overlies all those portions of the Rosewood, Bowman, South Battle Creek, Red Bluff, Bend, Antelope, Dye Creek, Los Molinos, Corning, Vina, and Colusa subbasins located within Tehama County; and

WHEREAS, Section 10723.2 of the Sustainable Groundwater Management Act of 2014 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 Sustainable Groundwater Management Act of 2014 requires that a local agency electing to be a GSA notify the Department of Water Resources of its election and its intent to undertake sustainable groundwater management within a basin; and

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

WHEREAS, it would be in the public interest of the people of Tehama County for the District to become the groundwater sustainability agency for all those portions of the Rosewood, Bowman, South Battle Creek, Red Bluff, Bend, Antelope, Dye Creek, Los Molinos, Corning, Vina, and Colusa subbasins located within Tehama County; and

WHEREAS, the District and other local public agencies have a long history of coordination and cooperation on water management; and

WHEREAS, it is the intent of the District to work cooperatively with other local agencies to manage the aforementioned groundwater basins in a sustainable fashion;

NOW, THEREFORE, BE IT RESOLVED, that the Tehama County Flood Control and Water Conservation District hereby elects to become the Groundwater Sustainability Agency for all those portions of the Rosewood (5-06.02), Bowman (5-06.01), South Battle Creek (5-06.06), Red Bluff (5-21.50), Bend (5-21.53), Antelope (5-21.54), Dye Creek (5-21.55), Los Molinos (5-21.56), Corning (5-21.51), Vina (5-21.57), and Colusa (5-21.52) subbasins located within Tehama County.

BE IT FURTHER RESOLVED that the proposed boundaries of the basins that the District intends to manage under the Sustainable Groundwater Management Act of 2014 shall be the entirety of the boundaries for the aforementioned subbasins, as set forth in California Department of Water Resources Bulletin 118 (updated in 2003), that lie within the County of Tehama; provided that the Executive Director is authorized and directed to evaluate whether basin boundaries should be adjusted in a manner that will improve the likelihood of achieving sustainable groundwater management, and communicate the results of that evaluation to the Board of Directors and the Department of Water Resources; and

improve the likelihood of achieving sustainable groundwater management, and communicate the results of that evaluation to the Board of Directors and the Department of Water Resources; and

BE IT FURTHER RESOLVED that within thirty days of the date of this Resolution, the Executive Director is directed to provide notice of this election to the California Department of Water Resources in the manner required by law. Such notification shall include a map of the basins that the District intends to manage under the Sustainable Groundwater Management Act of 2014, a copy of this resolution, a list of interested parties developed pursuant to Section 10723.2 of the Act, 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 agency's groundwater sustainability plan.

BE IT FURTHER RESOLVED that the Executive Director and District legal counsel are hereby directed to promptly prepare the appropriate instruments establishing a Groundwater Commission, as set forth in Attachment "1", and present such documents to the Board for adoption.

BE IT FURTHER RESOLVED that the Executive Director shall begin discussions with other local agencies in these basins in order to begin the process of developing groundwater sustainability plans for the basins, or a joint plan with other groundwater sustainability agencies in which the District might join, in consultation and close coordination with other local agencies, as contemplated by the Act.

BE IT FURTHER RESOLVED that the Executive Director directed to report back to the Groundwater Commission and the Board at least quarterly on the progress toward developing the groundwater sustainability plans.

The foregoing resolution was offered on a motion by Director Garton, seconded by Director Williams, and carried by the following vote of the Board:

AYES: Directors Bundy, Carlson, Chamblin, Garton, Williams,

NOES: None

ABSENT OR NOT VOTING: None

CHAIRMAN, Board of Directors

STATE OF CALIFORNIA)
) ss
COUNTY OF TEHAMA)

DATED: This 3rd day of November, 2015.

JENNIFER A. VISE, County Clerk and ex-officio Clerk of the Board of Directors of the Tehama County Flood Control and Water Conservation District, State of California.

By _____
Deputy

NOTICE OF PUBLIC HEARING

NOTICE IS HERBY GIVEN that on June 2 2015, at 1:30 PM, or soon thereafter as may be heard, in the Board of Supervisors Chambers located at 727 Oak St., Red Bluff, California, the Tehama County Flood Control and Water Conservation District (District) Board of Directors will conduct a public hearing to determine whether to adopt a resolution directing the District to submit a Notice of Intent to the California Department of Water Resources stating that the District will be the Groundwater Sustainability Agency (Agency) for all portions of the eleven (11) Groundwater Subbasins located within Tehama County.

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The District is uniquely qualified to become the Agency for all eleven (11) groundwater basins located within the County due to its current jurisdiction which extends throughout the County, its background in groundwater monitoring and water conservation issues, a Board of Directors which is comprised of elected officials representing the entire County, and additional representation from a technical advisory committee to the Board which is comprised of representatives from Agriculture, Domestic/Industrial Water Providers, Natural Resources, and representatives from the cities of Corning, Red Bluff, and Tehama.

The District will be submitting a Notice of Intent at the June 2, 2015 Public Hearing for the following subbasins or the portions of those subbasins located within the County: Rosewood, Bowman, Red Bluff, Corning, Colusa, Vina, Los Molinos, Dye Creek, Antelope, Bend, and South Battle Creek. For questions or additional information on the Sustainable Groundwater Management Act please contact Ryan Teubert, Tehama County Flood Control/Water Resources Manager, 530-385-1462, ext. 3020 or refer to http://www.water.ca.gov/cagroundwater/.

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ORDINANCE NO. 2016-1

AN ORDINANCE OF THE TEHAMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT BOARD OF DIRECTORS ESTABLISHING THE TEHAMA COUNTY GROUNDWATER COMMISSION

THE BOARD OF DIRECTORS OF THE TEHAMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT ORDAINS AS FOLLOWS:

SECTION 1. Purpose and Authority. The purpose of this ordinance is to establish a broadly representative Commission with both decision-making and advisory responsibilities pertaining to groundwater management in the eleven subbasins or portions thereof for which the Tehama County Flood Control and Water Conservation District has been designated as the Groundwater Sustainability Agency under the Sustainable Groundwater Management Act. This ordinance is enacted pursuant to Water Code section 10752.2 and Sections 3, 8, and 11 of the Tehama County Flood Control and Water Conservation District Act (Statutes 1957, Chapter 1280; Water Code Appx., ch. 82).

SECTION 2. Creation. There is hereby created the Tehama County Groundwater Commission, which shall have the powers and duties set forth in this ordinance relating to groundwater management in every subbasin or portion thereof for which the Tehama County Flood Control and Water Conservation District has been designated as the Groundwater Sustainability Agency under the Sustainable Groundwater Management Act.

SECTION 3. Membership. The Commission shall consist of eleven members as set forth in this Section.

(a) The following members shall serve at the pleasure of their respective appointing authority:

(1) One member appointed by the City Council of the City of Red Bluff.

(2) One member appointed by the City Council of the City of Corning.

(3) One member appointed by the City Council of the City of Tehama.

(4) One member appointed by the Board of Directors of the El Camino Irrigation District.

(5) One member appointed by the Board of Directors of the Los Molinos Community Services District.

(6) One member appointed by the Board of Directors of the Rio Alto Water District.

(b) Five members shall be appointed by the Board of Directors of the Tehama County Flood Control and Water Conservation District, upon recommendation of the majority of the members of the Commission then appointed and serving. The term of office of such Commissioners shall be four years, except that the initial members appointed under this subdivision shall classify themselves by lot, with one member serving a term of one year, one member serving a term of two years, one member serving a term of three years, and two

members serving a term of four years, so that the Commissioners' terms are evenly staggered. Thereafter all members shall be appointed for the full term of four years. Notwithstanding the foregoing, any member appointed under this subdivision may be removed by a four-fifths vote of the Board of Directors after consultation with the Commission.

(c) The Commission and Board of Directors shall take into consideration all of the following criteria when recommending and appointing members under subdivision (b). These criteria are neither exclusive nor mandatory, and the Board of Directors may deviate from these criteria upon recommendation of the Commission for good cause.

(1) One member should be a resident, property owner, or groundwater user within Tehama County Supervisorial District One.

(2) One member should be a resident, property owner, or groundwater user within Tehama County Supervisorial District Two.

(3) One member should be a resident, property owner, or groundwater user within Tehama County Supervisorial District Three.

(4) One member should be a resident, property owner, or groundwater user within Tehama County Supervisorial District Four.

(5) One member should be a resident, property owner, or groundwater user within Tehama County Supervisorial District Five.

(6) Two members should represent the interests of agencies or districts that supply surface water.

(7) Two members should represent the interests of private groundwater pumpers.

(8) One member should represent the interests of the general public.

(9) No two members should be officers, employees, or agents of the same agency, district, or public or private corporation.

(d) All Commission members shall exercise their independent judgment on behalf of the interests of the residents, property owners, and the public as a whole in furthering the purposes and intent of this ordinance.

SECTION 4. Powers and Duties of the Commission. The Commission shall have the following powers and duties relating to sustainable groundwater management:

(a) Groundwater Sustainability Plan and Regulations. The Commission shall oversee the development of a Groundwater Sustainability Plan pursuant to Water Code sections 10727 et seq., and any amendments thereto, and any implementing rules and regulations of the District. The Commission shall make a written recommendation to the Board of Directors on the adoption or amendment of a Groundwater Sustainability Plan or any implementing rule or regulation of the District. A recommendation for approval shall be made by the affirmative vote of not less than a majority of the total membership of the Commission. The Commission shall hold at least one public hearing before approving a recommendation on

the adoption or amendment of a Groundwater Sustainability Plan or any implementing rule or regulation of the District.

(b) Investigations. The Commission shall conduct investigations to determine the need for groundwater management, monitor compliance and enforcement, or propose or update fees or other revenue measures, and make recommendations to Board of Directors thereon.

(c) Grants. The Commission shall review all proposed District grant applications relating to groundwater management, and advise the Board of Directors regarding grant funding opportunities.

(d) Legislative Intent – Permits. In the event that the District establishes any discretionary permitting or similar regulations relating to sustainable groundwater management, it is the intent of the Board of Directors to provide for such permits to be issued by the Commission, subject to appeal to the Board of Directors.

(e) Legislative Intent – Enforcement. In the event that the District establishes an administrative enforcement hearing process pursuant to Water Code section 10732, subdivision (b)(2), it is the intent of the Board of Directors to provide for such enforcement hearings to be conducted and decisions rendered by the Commission, subject to appeal to the Board of Directors.

(f) Ongoing Advisory Functions. The Commission shall provide ongoing advice to Board of Directors regarding any other matters relevant to the management in groundwater in Tehama County.

SECTION 5. Meetings. The Commission shall establish a regular meeting schedule in accordance with the Ralph M. Brown Act, which shall provide for at least one meeting in every ninety-day period.

SECTION 6. Bylaws. The Commission shall, subject to the approval of the Board of Directors, adopt their own bylaws and rules of order, and shall select their own officers.

SECTION 7. Compensation and Travel Expenses. The members of the Commission shall receive as compensation the sum of twenty-five dollars each for their attendance at each meeting or special meeting, not to exceed fifty dollars each per month. In addition thereto, each member shall be allowed reasonable travel expenses as provided by the Tehama County Travel Policy for official travel approved by the Commission, provided that appropriations therefor have been included in the District budget.

SECTION 8. This ordinance shall take effect thirty (30) days from the date of its adoption, and prior to the expiration of fifteen (15) days from the adoption thereof shall be published at least one time in the *Red Bluff Daily News*, a newspaper of general circulation in Tehama County.

The foregoing ordinance was duly passed and adopted by the Board of Directors of the Tehama County Flood Control and Water Conservation District, State of California, at a regular meeting of the Board of Directors on the 7th day of June, 2016 by the following vote:

AYES: Directors Burt Bundy, Dennis Garton, Candy Carlson, Steve Chamblin and Robert Williams

NOES: None

ABSENT OR NOT VOTING: None

CHAIRMAN, Board of Directors

STATE OF CALIFORNIA)
) ss
COUNTY OF TEHAMA)

I, JENNIFER A. VISE, County Clerk and ex-officio Clerk of the Board of Directors of the Tehama County Flood Control and Water Conservation District, State of California, hereby certify the above and foregoing to be a full, true and correct copy of an ordinance adopted by said Board of Directors on the 7th day of June, 2016.

DATED: This 9th day of June, 2016.

JENNIFER A. VISE, County Clerk and ex-officio Clerk of the Board of Directors of the Tehama County Flood Control and Water Conservation District, State of California.

By_____ Deputy

City of Corning

794 Third St. Corning, CA 96021 (530) 824-7020 Fax (530) 824-2489

RECEIVED
AUG 17 2015

Ryan Teubert, CFM
Tehama County Flood Control &Water Resource District
9380 San Benito Ave.
Gerber, CA 96035

August 14, 2015

Re: Groundwater Sustainability Agency Governance Structure

Dear Mr. Teubert,

Thank you for appearing at the August 11, 2015 City Council meeting and presenting the information regarding the Sustainability Groundwater Management Act. Your presentation was very well done and informative.

As you know, after your presentation, the consensus of the Corning City Council was to concur with the Governance structure that you had proposed where the Flood and Water Conservation District Board would serve as the Groundwater Sustainability Agency and the cities, including the City of Corning would have seats on the Groundwater Commission.

Please call me if you have any additional questions regarding this matter.

John L. Brewer, AICP
City Manager

CITY OF RED BLUFF

555 Washington Street Red Bluff, California 96080 (530) 527-2605 Fax (530) 529-6878 www.cityofredbluff.org

RECEIVED
OCT 9 2015
TEHAMA COUNTY
PUBLIC WORKS

October 7, 2015

Tehama County Public Works
Attention: Gary Antone
9380 San Benito Avenue
Gerber, CA 96035-9701

RE: County GSA Proposal

Dear Gary:

At its meeting of October 6, 2015, the Red Bluff City Council voted to support designation of the Tehama County Flood Control and Water Conservation District (FCWCD) as the Groundwater Sustainability Agency (GSA) for Tehama County. "Funding, resources, and staffing will be the primary responsibility of FCWCD" as the GSA is created and a Groundwater Sustainability Plan (GSP) is drafted and implemented. (See, 9-29-2015 FCWCD presentation to Red Bluff City Council). Nevertheless, the City will remain actively engaged on this issue to assure that the City's needs and concerns are carefully considered by the FCWCD moving forward. Please provide the undersigned with written advance notice of all meetings of the FCWCD Board, as well as copies of all agendas and back up materials.

Background

The City of Red Bluff is the largest supplier of domestic groundwater in Tehama County. The City supplies water to 4,756 different metered water connections, serving a population of 15,000 residents. The City operates a network of 13 municipal water wells.

The City Water Department was established in 1921 and employs 7 full-time employees (not including management and administrative staff). The Water Department's operating budget for 2015/2016 is approximately $2.1 million. The City extracts, pumps and delivers 1,178,953,000 gallons of groundwater per year.

The City routinely collects data regarding all aspects of the City's water supply and use thereof including water quality monitoring. The City brings the resources of the largest domestic water supplier in the County to the table as an active, participating member of the GSA.

GSA Requirements

"Any local agency or combination of local agencies overlying a groundwater basin may elect to be a groundwater sustainability agency for that basin." (Water Code § 10723(a).) A GSA "*shall* consider the interests of all beneficial uses and users of groundwater, as well as those responsible for implementing groundwater sustainability plans. These interests include [ ] all of the following: [ ] (b) Municipal well operators. (c) Public water systems. (d) Local land use planning agencies. [ ]" (§10723.2)

A notification of intent to form a GSA must include a list of interested parties including municipal well operators, public water systems and local land use planning agencies 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 agency's sustainability plan." (§10723.8(a)(4).) A combination of local agencies may form a groundwater sustainability agency through use of a joint powers agreement or other legal agreement. (§10723.6(a))

The statutory mandate makes clear that the City's interests as the largest supplier of domestic groundwater in the County must be considered. In fact, the notice of intent to form a GSA must explain how the City's interests will be considered in the development and operation of the GSA.

Conclusion

The City looks forward to working cooperatively with the FCWCD to implement the requirements of the Groundwater Sustainability Act.

If you have any comments or questions, please contact me or Bruce Henz.

Very truly yours,

Richard L. Crabtree

cc: City Council
Board of Supervisors
County Counsel

City of Tehama

Incorporated 1906

Post Office Box 70
Tehama, CA 96090
Phone: (530)384-1501
Fax: (530)384-1625

September 10, 2015

Ryan Teubert, CFM
Tehama Co. Flood Control &
Water Resource Manager
9380 San Benito Ave.

At its meeting on September 8, 2015, the Tehama City Council voted to accept the proposal received from you for the Tehama County Groundwater Sustainability Agency (GSA). We appreciate your leadership in bring the various organizations together for this important effort.

Sincerely,

Carolyn Steffan
City Clerk/Administrator

RECEIVED
SEP 14 2015
TEHAMA COUNTY
PUBLIC WORKS

El Camino Irrigation District
8451 Hwy. 99-W
Gerber, CA 96035
530-385-1559
530-385-1503 Fax
ecid1559@att.net

Ryan Teubert, CFM
Tehama County Flood Control & Water Resource Manager

We have read and discussed the Tehama County Groundwater Sustainability Agency proposal.

As the Board for El Camino Irrigation District we are approving the proposal as written and appointing District Manager Mark Weber to the Groundwater Commission.

Mike Gividen-District 1

Kris Lamkin-District 2

Rich Sol-Director 3

Leland Hogan-District 4-Chairman

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SEP 14 2015
TEHAMA COUNTY
PUBLIC WORKS

GERBER LAS FLORES Community Services District

Mike Murphy –General Manager
331 San Benito Avenue
Gerber, CA 96035

Telephone (530) 385-1904
FAX (530) 385-2763

October 1, 2015

Mr. Burt Bundy

727 Oak Street, Red Bluff, CA 96080

RE: Groundwater Sustainability Agency

Burt,

As chairman of the Gerber/Las Flores Community Service District, it has come to my attention our Community Service District shall be represented by you and not an appointed GSA individual from the Gerber District. In order to keep us informed over the next few years of the GSA's plan, and the impact it may have on our community, I am inviting you to attend some of our future board meetings as the GSA commission moves forward. .

Please let myself or Mike Murphy (General Manager) know when you are available to attend our public meetings and provide our members with periodic updates. Our regular board meetings are scheduled on the third Thursday of each month beginning at 5:30 pm. We look forward to staying aligned with Tehama County's GSA's plan, since the North State's critical groundwater levels should be everyone's concern.

Sincerely,

Shannon O. Patterson, Chairman GLFCSD

Cc: Mike Murphy, Gen. Manager GLFCSD

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TEHAMA
PUBLIC

LOS MOLINOS COMMUNITY SERVICES DISTRCT

PRESIDENT
Loren Gehrung

VICE-PRESIDENT
Todd Hamer

DIRECTORS
Jodi Henderson
Steve Alexander
Tom Ware

SECRETARY
James Lowden

December 18, 2015

Ryan Teubert, CFM
Tehama County Flood Control & Water Conservation District
9380 San Benito Ave.
Gerber, CA 96035

RECEIVED
DEC 22 2015
TEHAMA COUNTY
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Re: Letter of Support

Dear Ryan:

The Board of Directors of the Los Molinos Community Services District is in support of the Tehama County Flood Control and Water Conservation District forming and acting as the Groundwater Sustainability Agency (GSA) for the groundwater basins located within Tehama County.

We approve of the proposed governance structure and look forward to participating in the Groundwater Commission. Having served several terms on the AB3030 Technical Advisory Committee I am aware of and acknowledge that the Tehama County Flood Control and Water Conservation District was instrumental in developing and implementing a Groundwater Management Plan in compliance with AB3030, and as such are the most qualified candidate to form and act as the GSA.

Sincerely,

James G Lowden

James G. Lowden
General Manager

P.O. Box 9, Los Molinos, CA 96055
530-384-2737 FAX 530-384-9835

Rio Alto Water District

22099 River View Drive, Cottonwood, California 96022
Telephone 530-347-3835 • Fax 530-347-1007

RECEIVED
OCT 27 2015
TEHAMA COUNTY
PUBLIC WORKS

October 22, 2015

Ryan Teubert, CFM
Tehama County Flood Control & Water Conservation District
9380 San Benito Ave.
Gerber, CA 96035

Re: Letter of Support

Dear Ryan:

The Board of Directors of the Rio Alto Water District is in support of Tehama Flood Control & Water Conservation District forming and acting as the Groundwater Sustainability Agency(GSA) for the groundwater basins within Tehama County.

We approve of the proposed governance structure and look forward to participating in the Groundwater Commission. The Board acknowledges that Tehama County Flood Control and Water Conservation District was instrumental in developing a Groundwater Management Plan in compliance with AB3030, and as such are the most qualified candidate to form and act as the GSA. Thank you for taking the lead in this task.

Sincerely,

Martha Slack

Martha Slack
General Manager

Appendix 1-C

SGMA Glossary

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. **(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, 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

Appendix 1-D

Elements Guide

Article 5.			Plan Contents for Sample Basin	GSP Document References				
				Page Numbers of Plan	Or Section Numbers	Or Figure Numbers	Or Table Numbers	Notes
§ 354.			**Introduction to Plan Contents**					
			This Article describes the required contents of Plans submitted to the Department for evaluation, including administrative information, a description of the basin setting, sustainable management criteria, description of the monitoring network, and projects and management actions.					
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Section 10733.2, Water Code.					
SubArticle 1.			**Administrative Information**					
§ 354.2.			**Introduction to Administrative Information**					
			This Subarticle describes information in the Plan relating to administrative and other general information about the Agency that has adopted the Plan and the area covered by the Plan.					
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Section 10733.2, Water Code.					
§ 354.4.			**General Information**					
			Each Plan shall include the following general information:					
(a)			An executive summary written in plain language that provides an overview of the Plan and description of groundwater conditions in the basin.	24:39	ES 1:ES 6	ES-1:ES-3	ES-1:ES-3	
(b)			A list of references and technical studies relied upon by the Agency in developing the Plan. Each Agency shall provide to the Department electronic copies of reports and other documents and materials cited as references that are not generally available to the public.	113:114, 201:204, 279, 463:469				Corresponding references are listed at the end of each chapter of the GSP. A comprehensive list of all references cited in the GSP is in Section 6.
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10733.2 and 10733.4, Water Code.					
§ 354.6.			**Agency Information**					
			When submitting an adopted Plan to the Department, the Agency shall include a copy of the information provided pursuant to Water Code Section 10723.8, with any updates, if necessary, along with the following information:					
(a)			The name and mailing address of the Agency.	50	1.3.1			
(b)			The organization and management structure of the Agency, identifying persons with management authority for implementation of the Plan.	48:50	1.3.1			
(c)			The name and contact information, including the phone number, mailing address and electronic mail address, of the plan manager.	50	1.3.1			
(d)			The legal authority of the Agency, with specific reference to citations setting forth the duties, powers, and responsibilities of the Agency, demonstrating that the Agency has the legal authority to implement the Plan.	50	1.3.2			
(e)			An estimate of the cost of implementing the Plan and a general description of how the Agency plans to meet those costs.	52	1.3.3			
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10723.8, 10727.2, and 10733.2, Water Code.					
§ 354.8.			**Description of Plan Area**					
			Each Plan shall include a description of the geographic areas covered, including the following information:					
(a)			One or more maps of the basin that depict the following, as applicable:					
	(1)		The area covered by the Plan, delineating areas managed by the Agency as an exclusive Agency and any areas for which the Agency is not an exclusive Agency, and the name and location of any adjacent basins.	63:64	2.1	2-1		
	(2)		Adjudicated areas, other Agencies within the basin, and areas covered by an Alternative.	63:64	2.1	2-1		
	(3)		Jurisdictional boundaries of federal or state land (including the identity of the agency with jurisdiction over that land), tribal land, cities, counties, agencies with water management responsibilities, and areas covered by relevant general plans.	63, 65	2.1.1	2-2		
	(4)		Existing land use designations and the identification of water use sector and water source type.	63:71	2.1.1.2	2-3:2-5	2-1, 2-2	
	(5)		The density of wells per square mile, by dasymetric or similar mapping techniques, showing the general distribution of agricultural, industrial, and domestic water supply wells in the basin, including de minimis extractors, and the location and extent of communities dependent upon groundwater, utilizing data provided by the Department, as specified in Section 353.2, or the best available information.	71:74	2.1.1.3	2-6:2-8	2-3	
(b)			A written description of the Plan area, including a summary of the jurisdictional areas and other features depicted on the map.	63	2.1			
(c)			Identification of existing water resource monitoring and management programs, and description of any such programs the Agency plans to incorporate in its monitoring network or in development of its Plan. The Agency may coordinate with existing water resource monitoring and management programs to incorporate and adopt that program as part of the Plan.	75:86, 103:104	2.1.2	2-9, 2-10, 2-12,:2-14	2-4	
(d)			A description of how existing water resource monitoring or management programs may limit operational flexibility in the basin, and how the Plan has been developed to adapt to those limits.	75:87	2.1.2			
(e)			A description of conjunctive use programs in the basin.	87	2.1.2.11			
(f)			A plain language description of the land use elements or topic categories of applicable general plans that includes the following:					
	(1)		A summary of general plans and other land use plans governing the basin.	89:95	2.1.3			
	(2)		A general description of how implementation of existing land use plans may change water demands within the basin or affect the ability of the Agency to achieve sustainable groundwater management over the planning and implementation horizon, and how the Plan addresses those potential effects	93:95	2.1.3			
	(3)		A general description of how implementation of the Plan may affect the water supply assumptions of relevant land use plans over the planning and implementation horizon.	93:95	2.1.3			
	(4)		A summary of the process for permitting new or replacement wells in the basin, including adopted standards in local well ordinances, zoning codes, and policies contained in adopted land use plans.	95	2.1.4.1			

				Page Numbers of Plan	Or Section Numbers	Or Figure Numbers	Or Table Numbers	Notes
	(5)		To the extent known, the Agency may include information regarding the implementation of land use plans outside the basin that could affect the ability of the Agency to achieve sustainable groundwater management.	97	2.1.4.8			
(g)			A description of any of the additional Plan elements included in Water Code Section 10727.4 that the Agency determines to be appropriate.	95:97	2.1.4			
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10720.3, 10727.2, 10727.4, 10733, and 10733.2, Water Code.					
§ 354.10.			**Notice and Communication**					
			Each Plan shall include a summary of information relating to notification and communication by the Agency with other agencies and interested parties including the following:					
(a)			A description of the beneficial uses and users of groundwater in the basin, including the land uses and property interests potentially affected by the use of groundwater in the basin, the types of parties representing those interests, and the nature of consultation with those parties.	99:104	2.1.5.1	2-13, 2-14	2-6	
(b)			A list of public meetings at which the Plan was discussed or considered by the Agency.	105:112	2.1.5.2		2-7	Details in Appendices 2-B and 2-D
(c)			Comments regarding the Plan received by the Agency and a summary of any responses by the Agency.	112	2.1.5.3			Details in Appendix 2-E
(d)			A communication section of the Plan that includes the following:					
	(1)		An explanation of the Agency's decision-making process.	112	2.1.5.4			
	(2)		Identification of opportunities for public engagement and a discussion of how public input and response will be used.	105	2.1.5.2			
	(3)		A description of how the Agency encourages the active involvement of diverse social, cultural, and economic elements of the population within the basin.	99, 105	2.1.5			
	(4)		The method the Agency shall follow to inform the public about progress implementing the Plan, including the status of projects and actions.	99, 105	2.1.5			
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10723.2, 10727.8, 10728.4, and 10733.2, Water Code					
SubArticle 2.			**Basin Setting**					
§ 354.12.			**Introduction to Basin Setting**					
			This Subarticle describes the information about the physical setting and characteristics of the basin and current conditions of the basin that shall be part of each Plan, including the identification of data gaps and levels of uncertainty, which comprise the basin setting that serves as the basis for defining and assessing reasonable sustainable management criteria and projects and management actions. Information provided pursuant to this Subarticle shall be prepared by or under the direction of a professional geologist or professional engineer.					
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Section 10733.2, Water Code.					
§ 354.14.			**Hydrogeologic Conceptual Model**					
(a)			Each Plan shall include a descriptive hydrogeologic conceptual model of the basin based on technical studies and qualified maps that characterizes the physical components and interaction of the surface water and groundwater systems in the basin.	122:165	2.2.1			
(b)			The hydrogeologic conceptual model shall be summarized in a written description that includes the following:					
	(1)		The regional geologic and structural setting of the basin including the immediate surrounding area, as necessary for geologic consistency.	136:149	2.2.1.3	2-16, 2-17, 2-20	2-8	
	(2)		Lateral basin boundaries, including major geologic features that significantly affect groundwater flow.	122, 123, 148:149	2.2.1.1, 2.2.1.3	2-15		
	(3)		The definable bottom of the basin.	160, 124, 125	2.2.1.6	2-16:2-17		
	(4)		Principal aquifers and aquitards, including the following information:					
		(A)	Formation names, if defined.	132, 145:148	2.2.1.3.2	2-20:2-21		
		(B)	Physical properties of aquifers and aquitards, including the vertical and lateral extent, hydraulic conductivity, and storativity, which may be based on existing technical studies or other best available information.	132, 145:149, 159:160	2.2.1.3:2.2.1.5			
		(C)	Structural properties of the basin that restrict groundwater flow within the principal aquifers, including information regarding stratigraphic changes, truncation of units, or other features.	132:149, 159:160	2.2.1.3:2.2.1.5	2-21, 2-23:2-27	2-8	
		(D)	General water quality of the principal aquifers, which may be based on information derived from existing technical studies or regulatory programs.	182:186	2.2.2.3	2-49:2-51		
		(E)	Identification of the primary use or uses of each aquifer, such as domestic, irrigation, or municipal water supply.	159:160	2.2.1.5			
	(5)		Identification of data gaps and uncertainty within the hydrogeologic conceptual model	165	2.2.1.8			
(c)			The hydrogeologic conceptual model shall be represented graphically by at least two scaled cross-sections that display the information required by this section and are sufficient to depict major stratigraphic and structural features in the basin.	135:143	2.2.1.3.2	2-22:2-28	2-8	
(d)			Physical characteristics of the basin shall be represented on one or more maps that depict the following:					
	(1)		Topographic information derived from the U.S. Geological Survey or another reliable source.	126, 127,128	2.2.1.2	2-18, 2-19		
	(2)		Surficial geology derived from a qualified map including the locations of cross-sections required by this Section.	129:149	2.2.1.3.1:2.2.1.3.2	2-20, 2-21:2-28		
	(3)		Soil characteristics as described by the appropriate Natural Resources Conservation Service soil survey or other applicable studies.	150:158	2.2.1.4	2-29:2-34		
	(4)		Delineation of existing recharge areas that substantially contribute to the replenishment of the basin, potential recharge areas, and discharge areas, including significant active springs, seeps, and wetlands within or adjacent to the basin.	161:164	2.2.1.7	2-35: 2-37		
	(5)		Surface water bodies that are significant to the management of the basin.	161:162	2.2.1.7	2-35		
	(6)		The source and point of delivery for imported water supplies.	83, 84	2.1.2.8	2-10		

				Page Numbers of Plan	Or Section Numbers	Or Figure Numbers	Or Table Numbers	Notes
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10727.2, 10733, and 10733.2, Water Code.					
§ 354.16.			**Groundwater Conditions**					
			Each Plan shall provide a description of current and historical groundwater conditions in the basin, including data from January 1, 2015, to current conditions, based on the best available information that includes the following:					
(a)			Groundwater elevation data demonstrating flow directions, lateral and vertical gradients, and regional pumping patterns, including:					
	(1)		Groundwater elevation contour maps depicting the groundwater table or potentiometric surface associated with the current seasonal high and seasonal low for each principal aquifer within the basin.	172,173	2.2.2.1.2	2-40, 2-41		
	(2)		Hydrographs depicting long-term groundwater elevations, historical highs and lows, and hydraulic gradients between principal aquifers.	167	2.2.2.1.1	2-38		Additional hydrographs in Appendix 2-F
(b)			A graph depicting estimates of the change in groundwater in storage, based on data, demonstrating the annual and cumulative change in the volume of groundwater in storage between seasonal high groundwater conditions, including the annual groundwater use and water year type.	237	2.3.5.3	2-66		Annual storage changes are given in Table 2-21. Water budget details are in Appendix 2-K
(c)			Seawater intrusion conditions in the basin, including maps and cross-sections of the seawater intrusion front for each principal aquifer.	185	2.2.2.4			Seawater intrusion is not an applicable sustainability indicator for the Subbasin
(d)			Groundwater quality issues that may affect the supply and beneficial uses of groundwater, including a description and map of the location of known groundwater contamination sites and plumes.	97, 98, 182:186	2.1.4.6, 2.2.2.3	2-12, 2-49:2-51		Groundwater quality timeseries graphs in Appendix 2-G
(e)			The extent, cumulative total, and annual rate of land subsidence, including maps depicting total subsidence, utilizing data available from the Department, as specified in Section 353.2, or the best available information.	187:191	2.2.2.5	2-52:2-55		
(f)			Identification of interconnected surface water systems within the basin and an estimate of the quantity and timing of depletions of those systems, utilizing data available from the Department, as specified in Section 353.2, or the best available information.	193:194	2.2.2.6.1	2-56	2-10	
(g)			Identification of groundwater dependent ecosystems within the basin, utilizing data available from the Department, as specified in Section 353.2, or the best available information.	195:198	2.2.2.7	2-57, 2-58		Details in Appendix 2-I
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10723.2, 10727.2, 10727.4, and 10733.2, Water Code.					
§ 354.18.			**Water Budget**					
(a)			Each Plan shall include a water budget for the basin that provides an accounting and assessment of the total annual volume of groundwater and surface water entering and leaving the basin, including historical, current and projected water budget conditions, and the change in the volume of water stored. Water budget information shall be reported in tabular and graphical form.	210:279	2.3			
(b)			The water budget shall quantify the following, either through direct measurements or estimates based on data:					
	(1)		Total surface water entering and leaving a basin by water source type.	218:220, 231:234	2.3.3.2, 2.3.5.2	2-64	2-21	
	(2)		Inflow to the groundwater system by water source type, including subsurface groundwater inflow and infiltration of precipitation, applied water, and surface water systems, such as lakes, streams, rivers, canals, springs and conveyance systems.	224:225, 235:238	2.3.4.1, 2.3.5.3	2-65, 2-66	2-22	
	(3)		Outflows from the groundwater system by water use sector, including evapotranspiration, groundwater extraction, groundwater discharge to surface water sources, and subsurface groundwater outflow.	224:225, 235:238	2.3.4.1, 2.3.5.3	2-65, 2-66	2-22	
	(4)		The change in the annual volume of groundwater in storage between seasonal high conditions.	235:238, 241	2.3.5.3, 2.3.6.2	2-65, 2-66	2-22, 2-24	Storage change values given in the GSP are total changes within a water year (October 01 to September 30). Flow model calculates storage change during each month. Annual storage change is equal to the sum of monthly changes. Additional details are in Appendices 2-J and 2-K
	(5)		If overdraft conditions occur, as defined in Bulletin 118, the water budget shall include a quantification of overdraft over a period of years during which water year and water supply conditions approximate average conditions.	N/A				Overdraft conditions did not occur during the historical baseperiod
	(6)		The water year type associated with the annual supply, demand, and change in groundwater stored.	238	2.3.5.3		2-22	
	(7)		An estimate of sustainable yield for the basin.	270:279	2.3.12	2-75, 2-78	2-36, 2-37	
(c)			Each Plan shall quantify the current, historical, and projected water budget for the basin as follows:					
	(1)		Current water budget information shall quantify current inflows and outflows for the basin using the most recent hydrology, water supply, water demand, and land use information.	239:241	2.3.6		2-23, 2-24	
	(2)		Historical water budget information shall be used to evaluate availability or reliability of past surface water supply deliveries and aquifer response to water supply and demand trends relative to water year type. The historical water budget shall include the following:					
		(A)	A quantitative evaluation of the availability or reliability of historical surface water supply deliveries as a function of the historical planned versus actual annual surface water deliveries, by surface water source and water year type, and based on the most recent ten years of surface water supply information.	231:234	2.3.5.2	2-64	2-21	Details in Appendix 2-K
		(B)	A quantitative assessment of the historical water budget, starting with the most recently available information and extending back a minimum of 10 years, or as is sufficient to calibrate and reduce the uncertainty of the tools and methods used to estimate and project future water budget information and future aquifer response to proposed sustainable groundwater management practices over the planning and implementation horizon.	231:238	2.3.5.2, 2.3.5.3	2-64:2-66	2-21:2-22	Details in Appendix 2-K
		(C)	A description of how historical conditions concerning hydrology, water demand, and surface water supply availability or reliability have impacted the ability of the Agency to operate the basin within sustainable yield. Basin hydrology may be characterized and evaluated using water year type.	231, 235	2.3.5.2, 2.3.5.3			

				Page Numbers of Plan	Or Section Numbers	Or Figure Numbers	Or Table Numbers	Notes
	(3)		Projected water budgets shall be used to estimate future baseline conditions of supply, demand, and aquifer response to Plan implementation, and to identify the uncertainties of these projected water budget components. The projected water budget shall utilize the following methodologies and assumptions to estimate future baseline conditions concerning hydrology, water demand and surface water supply availability or reliability over the planning and implementation horizon:					
		(A)	Projected hydrology shall utilize 50 years of historical precipitation, evapotranspiration, and streamflow information as the baseline condition for estimating future hydrology. The projected hydrology information shall also be applied as the baseline condition used to evaluate future scenarios of hydrologic uncertainty associated with projections of climate change and sea level rise.	242:267	2.3.7:2.3.10	2-67:2-74	2-25:2-34	Details in Appendix 2-K
		(B)	Projected water demand shall utilize the most recent land use, evapotranspiration, and crop coefficient information as the baseline condition for estimating future water demand. The projected water demand information shall also be applied as the baseline condition used to evaluate future scenarios of water demand uncertainty associated with projected changes in local land use planning, population growth, and climate.	242:267	2.7.3:2.7.10	2-67:2-74	2-25:2-34	Details in Appendix 2-K
		(C)	Projected surface water supply shall utilize the most recent water supply information as the baseline condition for estimating future surface water supply. The projected surface water supply shall also be applied as the baseline condition used to evaluate future scenarios of surface water supply availability and reliability as a function of the historical surface water supply identified in Section 354.18(c)(2)(A), and the projected changes in local land use planning, population growth, and climate.	242:245, 254:259, 264:265	2.3.7:2.3.9	2-67	2-25	Details in Appendix 2-K
(d)			The Agency shall utilize the following information provided, as available, by the Department pursuant to Section 353.2, or other data of comparable quality, to develop the water budget:					
	(1)		Historical water budget information for mean annual temperature, mean annual precipitation, water year type, and land use.	227:238	2.3.5	2-62:2-66	2-19, 2-20	Details in Appendix 2-K
	(2)		Current water budget information for temperature, water year type, evapotranspiration, and land use.	239:241	2.3.6		2-23, 2-24	
	(3)		Projected water budget information for population, population growth, climate change, and sea level rise.	242:267	2.7.3:2.7.10	2-67:2-74	2-25:2-34	Details in Appendix 2-K
(e)			Each Plan shall rely on the best available information and best available science to quantify the water budget for the basin in order to provide an understanding of historical and projected hydrology, water demand, water supply, land use, population, climate change, sea level rise, groundwater and surface water interaction, and subsurface groundwater flow. If a numerical groundwater and surface water model is not used to quantify and evaluate the projected water budget conditions and the potential impacts to beneficial uses and users of groundwater, the Plan shall identify and describe an equally effective method, tool, or analytical model to evaluate projected water budget conditions.	211:214	2.3.1			Details in Appendices 2-J and 2-K
(f)			The Department shall provide the California Central Valley Groundwater-Surface Water Simulation Model (C2VSIM) and the Integrated Water Flow Model (IWFM) for use by Agencies in developing the water budget. Each Agency may choose to use a different groundwater and surface water model, pursuant to Section 352.4.	210	2.3			
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10721, 10723.2, 10727.2, 10727.6, 10729, and 10733.2, Water Code.					
§ 354.20.			**Management Areas**					
(a)			Each Agency may define one or more management areas within a basin if the Agency has determined that creation of management areas will facilitate implementation of the Plan. Management areas may define different minimum thresholds and be operated to different measurable objectives than the basin at large, provided that undesirable results are defined consistently throughout the basin.	N/A				Management areas are not defined
(b)			A basin that includes one or more management areas shall describe the following in the Plan:					
	(1)		The reason for the creation of each management area.	N/A				Management areas are not defined
	(2)		The minimum thresholds and measurable objectives established for each management area, and an explanation of the rationale for selecting those values, if different from the basin at large.	N/A				Management areas are not defined
	(3)		The level of monitoring and analysis appropriate for each management area.	N/A				Management areas are not defined
	(4)		An explanation of how the management area can operate under different minimum thresholds and measurable objectives without causing undesirable results outside the management area, if applicable.	N/A				Management areas are not defined
(c)			If a Plan includes one or more management areas, the Plan shall include descriptions, maps, and other information required by this Subarticle sufficient to describe conditions in those areas.	N/A				Management areas are not defined
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10733.2 and 10733.4, Water Code.					
SubArticle 3.			**Sustainable Management Criteria**					
§ 354.22.			**Introduction to Sustainable Management Criteria**					
			This Subarticle describes criteria by which an Agency defines conditions in its Plan that constitute sustainable groundwater management for the basin, including the process by which the Agency shall characterize undesirable results, and establish minimum thresholds and measurable objectives for each applicable sustainability indicator.					
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Section 10733.2, Water Code.					
§ 354.24.			**Sustainability Goal**					

				Page Numbers of Plan	Or Section Numbers	Or Figure Numbers	Or Table Numbers	Notes
			Each Agency shall establish in its Plan a sustainability goal for the basin that culminates in the absence of undesirable results within 20 years of the applicable statutory deadline. The Plan shall include a description of the sustainability goal, including information from the basin setting used to establish the sustainability goal, a discussion of the measures that will be implemented to ensure that the basin will be operated within its sustainable yield, and an explanation of how the sustainability goal is likely to be achieved within 20 years of Plan implementation and is likely to be maintained through the planning and implementation horizon.	288:302	3.1, 3.2			
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10721, 10727, 10727.2, 10733.2, and 10733.8, Water Code.					
§ 354.26.			**Undesirable Results**					
(a)			Each Agency shall describe in its Plan the processes and criteria relied upon to define undesirable results applicable to the basin. Undesirable results occur when significant and unreasonable effects for any of the sustainability indicators are caused by groundwater conditions occurring throughout the basin.	313:316	3.4		3-12	Undesirable results are also discussed in sections 3.3.1.4, 3.3.2.4, 3.3.3.4, 3.3.4.4 and 3.3.5.4 under each sustainability indicator.
(b)			The description of undesirable results shall include the following:					
	(1)		The cause of groundwater conditions occurring throughout the basin that would lead to or has led to undesirable results based on information described in the basin setting, and other data or models as appropriate.	285:286, 288, 311:313	3, 3.3.6, 3.4		3-1	
	(2)		The criteria used to define when and where the effects of the groundwater conditions cause undesirable results for each applicable sustainability indicator. The criteria shall be based on a quantitative description of the combination of minimum threshold exceedances that cause significant and unreasonable effects in the basin.	304:311, 313:316	3.3.1: 3.3.5, 3.4		3-7:3-12	
	(3)		Potential effects on the beneficial uses and users of groundwater, on land uses and property interests, and other potential effects that may occur or are occurring from undesirable results.	305, 306,308, 309:310, 311	3.3.1.4, 3.3.2.4, 3.3.3.4, 3.3.4.4 3.3.5.4			
(c)			The Agency may need to evaluate multiple minimum thresholds to determine whether an undesirable result is occurring in the basin. The determination that undesirable results are occurring may depend upon measurements from multiple monitoring sites, rather than a single monitoring site.	302:316	3.3, 3.4	3.3	3-7:3-12	
(d)			An Agency that is able to demonstrate that undesirable results related to one or more sustainability indicators are not present and are not likely to occur in a basin shall not be required to establish criteria for undesirable results related to those sustainability indicators.	286, 288, 313	3, 3.4		3-1, 3-12	Sustainability indicator for seawater intrusion is not applicable to the Subbasin
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10721, 10723.2, 10727.2, 10733.2, and 10733.8, Water Code.					
§ 354.28.			**Minimum Thresholds**					
(a)			Each Agency in its Plan shall establish minimum thresholds that quantify groundwater conditions for each applicable sustainability indicator at each monitoring site or representative monitoring site established pursuant to Section 354.36. The numeric value used to define minimum thresholds shall represent a point in the basin that, if exceeded, may cause undesirable results as described in Section 354.26.	302:312	3.3		3-7:3-11	
(b)			The description of minimum thresholds shall include the following:					
	(1)		The information and criteria relied upon to establish and justify the minimum thresholds for each sustainability indicator. The justification for the minimum threshold shall be supported by information provided in the basin setting, and other data or models as appropriate, and qualified by uncertainty in the understanding of the basin setting.	302:311	3.3.1:3.3.5			
	(2)		The relationship between the minimum thresholds for each sustainability indicator, including an explanation of how the Agency has determined that basin conditions at each minimum threshold will avoid undesirable results for each of the sustainability indicators.	311:312	3.3.6			
	(3)		How minimum thresholds have been selected to avoid causing undesirable results in adjacent basins or affecting the ability of adjacent basins to achieve sustainability goals.	312	3.3.7			
	(4)		How minimum thresholds may affect the interests of beneficial uses and users of groundwater or land uses and property interests.	305, 306, 308, 310, 311, 312	3.3.1.5, 3.3.2.5, 3.3.3.5, 3.3.4.5, 3.3.5.5, 3.3.8			
	(5)		How state, federal, or local standards relate to the relevant sustainability indicator. If the minimum threshold differs from other regulatory standards, the Agency shall explain the nature of and basis for the difference.	305, 306, 308, 309, 311	3.3.1.3, 3.3.2.3, 3.3.3.3, 3.3.4.3, 3.3.5.3			
	(6)		How each minimum threshold will be quantitatively measured, consistent with the monitoring network requirements described in Subarticle 4.	304, 305:306, 308, 309, 311	3.3.1.2, 3.3.2.2, 3.3.3.2, 3.3.4.2, 3.3.5.2,			
(c)			Minimum thresholds for each sustainability indicator shall be defined as follows:					
	(1)		Chronic Lowering of Groundwater Levels. The minimum threshold for chronic lowering of groundwater levels shall be the groundwater elevation indicating a depletion of supply at a given location that may lead to undesirable results. Minimum thresholds for chronic lowering of groundwater levels shall be supported by the following:					
		(A)	The rate of groundwater elevation decline based on historical trends, water year type, and projected water use in the basin.	302:303	3.3.1.1			Water level hydrographs with MOs and MTs are in Appendix 3-B
		(B)	Potential effects on other sustainability indicators.	311:312	3.3.6			

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	(2)		Reduction of Groundwater Storage. The minimum threshold for reduction of groundwater storage shall be a total volume of groundwater that can be withdrawn from the basin without causing conditions that may lead to undesirable results. Minimum thresholds for reduction of groundwater storage shall be supported by the sustainable yield of the basin, calculated based on historical trends, water year type, and projected water use in the basin.	305:306	3.3.2			
	(3)		Seawater Intrusion. The minimum threshold for seawater intrusion shall be defined by a chloride concentration isocontour for each principal aquifer where seawater intrusion may lead to undesirable results. Minimum thresholds for seawater intrusion shall be supported by the following:					
		(A)	Maps and cross-sections of the chloride concentration isocontour that defines the minimum threshold and measurable objective for each principal aquifer.	N/A				Seawater intrusion is not applicable to the Subbasin
		(B)	A description of how the seawater intrusion minimum threshold considers the effects of current and projected sea levels.	N/A				Seawater intrusion is not applicable to the Subbasin
	(4)		Degraded Water Quality. The minimum threshold for degraded water quality shall be the degradation of water quality, including the migration of contaminant plumes that impair water supplies or other indicator of water quality as determined by the Agency that may lead to undesirable results. The minimum threshold shall be based on the number of supply wells, a volume of water, or a location of an isocontour that exceeds concentrations of constituents determined by the Agency to be of concern for the basin. In setting minimum thresholds for degraded water quality, the Agency shall consider local, state, and federal water quality standards applicable to the basin.	308:310	3.3.4			
	(5)		Land Subsidence. The minimum threshold for land subsidence shall be the rate and extent of subsidence that substantially interferes with surface land uses and may lead to undesirable results. Minimum thresholds for land subsidence shall be supported by the following:					
		(A)	Identification of land uses and property interests that have been affected or are likely to be affected by land subsidence in the basin, including an explanation of how the Agency has determined and considered those uses and interests, and the Agency's rationale for establishing minimum thresholds in light of those effects.	307:308	3.3.3			
		(B)	Maps and graphs showing the extent and rate of land subsidence in the basin that defines the minimum threshold and measurable objectives.	187:191, 307	2.2.2.5, 3.3.3	2-53:2-55	3-9	
	(6)		Depletions of Interconnected Surface Water. The minimum threshold for depletions of interconnected surface water shall be the rate or volume of surface water depletions caused by groundwater use that has adverse impacts on beneficial uses of the surface water and may lead to undesirable results. The minimum threshold established for depletions of interconnected surface water shall be supported by the following:					
		(A)	The location, quantity, and timing of depletions of interconnected surface water.	310:311	3.3.5			
		(B)	A description of the groundwater and surface water model used to quantify surface water depletion. If a numerical groundwater and surface water model is not used to quantify surface water depletion, the Plan shall identify and describe an equally effective method, tool, or analytical model to accomplish the requirements of this Paragraph.	299:300	3.2.5			Reason to use MOs of the chronic lowering of groundwater elevations as a proxy for interconnected surface water is given in Section 3.2.5
(d)			An Agency may establish a representative minimum threshold for groundwater elevation to serve as the value for multiple sustainability indicators, where the Agency can demonstrate that the representative value is a reasonable proxy for multiple individual minimum thresholds as supported by adequate evidence.	310:311	3.3.5			Minimum thresholds of the chronic lowering of groundwater elevations is used as a proxy for interconnected surface water
(e)			An Agency that has demonstrated that undesirable results related to one or more sustainability indicators are not present and are not likely to occur in a basin, as described in Section 354.26, shall not be required to establish minimum thresholds related to those sustainability indicators.	286, 288	3		3-1	Sustainability indicator for seawater intrusion is not applicable to the Subbasin
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10723.2, 10727.2, 10733, 10733.2, and 10733.8, Water Code.					
§ 354.30.			**Measurable Objectives**					
(a)			Each Agency shall establish measurable objectives, including interim milestones in increments of five years, to achieve the sustainability goal for the basin within 20 years of Plan implementation and to continue to sustainably manage the groundwater basin over the planning and implementation horizon.	290:302	3.2.1:3.2.5	3-2:3-6	3-2:3-6	
(b)			Measurable objectives shall be established for each sustainability indicator, based on quantitative values using the same metrics and monitoring sites as are used to define the minimum thresholds.	290:302	3.2.1:3.2.5	3-2:3-6	3-2:3-6	
(c)			Measurable objectives shall provide a reasonable margin of operational flexibility under adverse conditions which shall take into consideration components such as historical water budgets, seasonal and long-term trends, and periods of drought, and be commensurate with levels of uncertainty.	290:302	3.2.1:3.2.5			
(d)			An Agency may establish a representative measurable objective for groundwater elevation to serve as the value for multiple sustainability indicators where the Agency can demonstrate that the representative value is a reasonable proxy for multiple individual measurable objectives as supported by adequate evidence.	299:300	3.2.5.1			Measurable objectives of chronic lowering of groundwater elevations were used to establish interim MOs for interconnected surface water
(e)			Each Plan shall describe a reasonable path to achieve the sustainability goal for the basin within 20 years of Plan implementation, including a description of interim milestones for each relevant sustainability indicator, using the same metric as the measurable objective, in increments of five years. The description shall explain how the Plan is likely to maintain sustainable groundwater management over the planning and implementation horizon.	289:300	3.1.3, 3.2.1: 3.2.5		3-2:3-6	
(f)			Each Plan may include measurable objectives and interim milestones for additional Plan elements described in Water Code Section 10727.4 where the Agency determines such measures are appropriate for sustainable groundwater management in the basin.	N/A				Additional plan elements are not included
(g)			An Agency may establish measurable objectives that exceed the reasonable margin of operational flexibility for the purpose of improving overall conditions in the basin, but failure to achieve those objectives shall not be grounds for a finding of inadequacy of the Plan.	N/A				Measurable objectives do not exceed the reasonable margin of operational flexibility
			Note: Authority cited: Section 10733.2, Water Code.					

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			Reference: Sections 10727.2, 10727.4, and 10733.2, Water Code.					
SubArticle 4.			**Monitoring Networks**					
§ 354.32.			**Introduction to Monitoring Networks**					
			This Subarticle describes the monitoring network that shall be developed for each basin, including monitoring objectives, monitoring protocols, and data reporting requirements. The monitoring network shall promote the collection of data of sufficient quality, frequency, and distribution to characterize groundwater and related surface water conditions in the basin and evaluate changing conditions that occur through implementation of the Plan.					
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Section 10733.2, Water Code.					
§ 354.34.			**Monitoring Network**					
(a)			Each Agency shall develop a monitoring network capable of collecting sufficient data to demonstrate short-term, seasonal, and long-term trends in groundwater and related surface conditions, and yield representative information about groundwater conditions as necessary to evaluate Plan implementation.	317:330	3.6.1:3.6.6		3-13:3.25	
(b)			Each Plan shall include a description of the monitoring network objectives for the basin, including an explanation of how the network will be developed and implemented to monitor groundwater and related surface conditions, and the interconnection of surface water and groundwater, with sufficient temporal frequency and spatial density to evaluate the affects and effectiveness of Plan implementation. The monitoring network objectives shall be implemented to accomplish the following:					
	(1)		Demonstrate progress toward achieving measurable objectives described in the Plan.	316	3.6			
	(2)		Monitor impacts to the beneficial uses or users of groundwater.	316:317	3.6			Monitor impacts are described in detailed in Sections 3.2 and 3.3
	(3)		Monitor changes in groundwater conditions relative to measurable objectives and minimum thresholds.	320:321, 323, 325,327, 329	3.6.2: 3.6.6			
	(4)		Quantify annual changes in water budget components.	320:321, 323	3.6.2: 3.6.3			Additional data required to develop water budget will be collected from other sources
(c)			Each monitoring network shall be designed to accomplish the following for each sustainability indicator:					
	(1)		Chronic Lowering of Groundwater Levels. Demonstrate groundwater occurrence, flow directions, and hydraulic gradients between principal aquifers and surface water features by the following methods:	317:322, 331:333	3.6.1, 3.6.2, 3.7.2	3-2, 3-3	3-14:3-16	Maps of representative monitoring sites are in Sections 3.1 and 3.2 (pages 287, 292)
		(A)	A sufficient density of monitoring wells to collect representative measurements through depth-discrete perforated intervals to characterize the groundwater table or potentiometric surface for each principal aquifer.	317:322, 331:333	3.6.1, 3.6.2, 3.7.2	3-2, 3-3	3-14:3-16	Maps of representative monitoring sites are in Sections 3.1 and 3.2 (pages 287, 292)
		(B)	Static groundwater elevation measurements shall be collected at least two times per year, to represent seasonal low and seasonal high groundwater conditions.	320:322	3.6.2		3-14:3-15	
	(2)		Reduction of Groundwater Storage. Provide an estimate of the change in annual groundwater in storage.	323:324, 333	3.6.3, 3.7.3		3-17:3-18	
	(3)		Seawater Intrusion. Monitor seawater intrusion using chloride concentrations, or other measurements convertible to chloride concentrations, so that the current and projected rate and extent of seawater intrusion for each applicable principal aquifer may be calculated.	N/A				Seawater intrusion is not applicable to the Subbasin
	(4)		Degraded Water Quality. Collect sufficient spatial and temporal data from each applicable principal aquifer to determine groundwater quality trends for water quality indicators, as determined by the Agency, to address known water quality issues.	327:329, 333:334	3.6.5, 3.7.4	3-2, 3-5	3-22, 3-26	Map of representative monitoring sites is in Sections 3.1 and 3.2 (pages 287, 298)
	(5)		Land Subsidence. Identify the rate and extent of land subsidence, which may be measured by extensometers, surveying, remote sensing technology, or other appropriate method.	325:326, 335	3.6.4, 3.7.5		3-20, 3-21	
	(6)		Depletions of Interconnected Surface Water. Monitor surface water and groundwater, where interconnected surface water conditions exist, to characterize the spatial and temporal exchanges between surface water and groundwater, and to calibrate and apply the tools and methods necessary to calculate depletions of surface water caused by groundwater extractions. The monitoring network shall be able to characterize the following:					
		(A)	Flow conditions including surface water discharge, surface water head, and baseflow contribution.	329:330, 335, 335:336	3.6.6, 3.7.6, 3.7.8.7		3-24, 3-25	
		(B)	Identifying the approximate date and location where ephemeral or intermittent flowing streams and rivers cease to flow, if applicable.	377	3.7.8.7, 3.7.8.8			
		(C)	Temporal change in conditions due to variations in stream discharge and regional groundwater extraction.	329:330, 335, 335:336	3.6.6, 3.7.6, 3.7.8.7		3-24, 3-25	
		(D)	Other factors that may be necessary to identify adverse impacts on beneficial uses of the surface water.	329:330, 335, 335:336	3.6.6, 3.7.6, 3.7.8.7		3-24, 3-25	
(d)			The monitoring network shall be designed to ensure adequate coverage of sustainability indicators. If management areas are established, the quantity and density of monitoring sites in those areas shall be sufficient to evaluate conditions of the basin setting and sustainable management criteria specific to that area.	317:319	3.6.1		3-13	Maps of representative monitoring sites are in Sections 3.1 and 3.2 (pages 287, 291, 292)
(e)			A Plan may utilize site information and monitoring data from existing sources as part of the monitoring network.	317:330	3.6.1:3.6.6		3-13:3-25	
(f)			The Agency shall determine the density of monitoring sites and frequency of measurements required to demonstrate short-term, seasonal, and long-term trends based upon the following factors:					
	(1)		Amount of current and projected groundwater use.	320:321	3.6.2			
	(2)		Aquifer characteristics, including confined or unconfined aquifer conditions, or other physical characteristics that affect groundwater flow.	320:321	3.6.2			

				Page Numbers of Plan	Or Section Numbers	Or Figure Numbers	Or Table Numbers	Notes
	(3)		Impacts to beneficial uses and users of groundwater and land uses and property interests affected by groundwater production, and adjacent basins that could affect the ability of that basin to meet the sustainability goal.	316	3.6			Impacts to beneficial uses and users of groundwater are also discussed in Sections 3.2 and 3.3
	(4)		Whether the Agency has adequate long-term existing monitoring results or other technical information to demonstrate an understanding of aquifer response.	320:330	3.6.2:3.6.6		3-14:3-24	
(g)			Each Plan shall describe the following information about the monitoring network:					
	(1)		Scientific rationale for the monitoring site selection process.	320:330	3.6.2:3.6.6		3-14:3-24	
	(2)		Consistency with data and reporting standards described in Section 352.4. If a site is not consistent with those standards, the Plan shall explain the necessity of the site to the monitoring network, and how any variation from the standards will not affect the usefulness of the results obtained.	331:335	3.7.1:3.7.6		3-26	
	(3)		For each sustainability indicator, the quantitative values for the minimum threshold, measurable objective, and interim milestones that will be measured at each monitoring site or representative monitoring sites established pursuant to Section 354.36.	290:300, 302:311, 331:335	3.2.1: 3.2.5, 3.3.1: 3.3.5, 3.7.1:3.7.6		3-2:3-11, 3-26	Established MOs, MTs and IMs are in Sections 3.2.1:3.2.5. and 3.3.1:3.3.5. Measurement protocols are in Sections 3.7.1:3.7.6
(h)			The location and type of each monitoring site within the basin displayed on a map, and reported in tabular format, including information regarding the monitoring site type, frequency of measurement, and the purposes for which the monitoring site is being used.	287, 291, 292, 296, 298, 301, 318:334		3-1:3-6	3-13:3-26	
(i)			The monitoring protocols developed by each Agency shall include a description of technical standards, data collection methods, and other procedures or protocols pursuant to Water Code Section 10727.2(f) for monitoring sites or other data collection facilities to ensure that the monitoring network utilizes comparable data and methodologies.	331:335	3.7.1:3.7.6			
(j)			An Agency that has demonstrated that undesirable results related to one or more sustainability indicators are not present and are not likely to occur in a basin, as described in Section 354.26, shall not be required to establish a monitoring network related to those sustainability indicators.	317	3.6.1			No monitoring for seawater intrusion sustainability indicator
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10723.2, 10727.2, 10727.4, 10728, 10733, 10733.2, and 10733.8, Water Code					
§ 354.36.			**Representative Monitoring**					
			Each Agency may designate a subset of monitoring sites as representative of conditions in the basin or an area of the basin, as follows:					
(a)			Representative monitoring sites may be designated by the Agency as the point at which sustainability indicators are monitored, and for which quantitative values for minimum thresholds, measurable objectives, and interim milestones are defined.	335	3.7.7			
(b)			(b) Groundwater elevations may be used as a proxy for monitoring other sustainability indicators if the Agency demonstrates the following:					
	(1)		Significant correlation exists between groundwater elevations and the sustainability indicators for which groundwater elevation measurements serve as a proxy.	299:300	3.2.5.1			Measurable objectives of chronic lowering of groundwater elevations were used to establish interim MOs for interconnected surface water
	(2)		Measurable objectives established for groundwater elevation shall include a reasonable margin of operational flexibility taking into consideration the basin setting to avoid undesirable results for the sustainability indicators for which groundwater elevation measurements serve as a proxy.	290, 293	3.2.1			
(c)			The designation of a representative monitoring site shall be supported by adequate evidence demonstrating that the site reflects general conditions in the area.	285:286, 335	3, 3.7.7			
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10727.2 and 10733.2, Water Code					
§ 354.38.			**Assessment and Improvement of Monitoring Network**					
(a)			Each Agency shall review the monitoring network and include an evaluation in the Plan and each five-year assessment, including a determination of uncertainty and whether there are data gaps that could affect the ability of the Plan to achieve the sustainability goal for the basin.		3.7.8	3-7:3-8		
(b)			Each Agency shall identify data gaps wherever the basin does not contain a sufficient number of monitoring sites, does not monitor sites at a sufficient frequency, or utilizes monitoring sites that are unreliable, including those that do not satisfy minimum standards of the monitoring network adopted by the Agency.		3.2.5.1:3.2.5.4, 3.7.8.4:3.7.8.7	3-7:3-8		
(c)			If the monitoring network contains data gaps, the Plan shall include a description of the following:					
	(1)		The location and reason for data gaps in the monitoring network.		3.7.8.4:3.7.8.7	3-7:3-8		
	(2)		Local issues and circumstances that limit or prevent monitoring.	N/A				No known issues or circumstances at present
(d)			Each Agency shall describe steps that will be taken to fill data gaps before the next five-year assessment, including the location and purpose of newly added or installed monitoring sites.	335:337	3.7.8.8			
(e)			Each Agency shall adjust the monitoring frequency and density of monitoring sites to provide an adequate level of detail about site-specific surface water and groundwater conditions and to assess the effectiveness of management actions under circumstances that include the following:					
	(1)		Minimum threshold exceedances.	335:337	3.7.8			
	(2)		Highly variable spatial or temporal conditions.	335:337	3.7.8			
	(3)		Adverse impacts to beneficial uses and users of groundwater.	335:337	3.7.8			
	(4)		The potential to adversely affect the ability of an adjacent basin to implement its Plan or impede achievement of sustainability goals in an adjacent basin.	335:337	3.7.8			
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10723.2, 10727.2, 10728.2, 10733, 10733.2, and 10733.8, Water Code					
§ 354.40.			**Reporting Monitoring Data to the Department**					

				Page Numbers of Plan	Or Section Numbers	Or Figure Numbers	Or Table Numbers	Notes
			Monitoring data shall be stored in the data management system developed pursuant to Section 352.6. A copy of the monitoring data shall be included in the Annual Report and submitted electronically on forms provided by the Department.					
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10728, 10728.2, 10733.2, and 10733.8, Water Code.					
SubArticle 5.			**Projects and Management Actions**					
§ 354.42.			**Introduction to Projects and Management Actions**					
			This Subarticle describes the criteria for projects and management actions to be included in a Plan to meet the sustainability goal for the basin in a manner that can be maintained over the planning and implementation horizon.					
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Section 10733.2, Water Code.					
§ 354.44.			**Projects and Management Actions**					
(a)			Each Plan shall include a description of the projects and management actions the Agency has determined will achieve the sustainability goal for the basin, including projects and management actions to respond to changing conditions in the basin.	350:361, 398:435	4.2.1, 4.5		4-3, 4-4, 4-10:4-45	Details in Appendix 4-A
(b)			Each Plan shall include a description of the projects and management actions that include the following:					
	(1)		A list of projects and management actions proposed in the Plan with a description of the measurable objective that is expected to benefit from the project or management action. The list shall include projects and management actions that may be utilized to meet interim milestones, the exceedance of minimum thresholds, or where undesirable results have occurred or are imminent. The Plan shall include the following:					
		(A)	A description of the circumstances under which projects or management actions shall be implemented, the criteria that would trigger implementation and termination of projects or management actions, and the process by which the Agency shall determine that conditions requiring the implementation of particular projects or management actions have occurred.	366:434	4.4.1: 4.4.7, 4.5.1:4.5.3		4-10:4-45	
		(B)	The process by which the Agency shall provide notice to the public and other agencies that the implementation of projects or management actions is being considered or has been implemented, including a description of the actions to be taken.	366:434	4.4.1: 4.4.7, 4.5.1:4.5.3		4-10:4-45	"Notice to Public and Other Agencies" is described under each Project/ Management Action
	(2)		If overdraft conditions are identified through the analysis required by Section 354.18, the Plan shall describe projects or management actions, including a quantification of demand reduction or other methods, for the mitigation of overdraft.	N/A				Subbasinwide overdraft conditions were not identified. Sections 4.1.1 and 4.2.1 provides an overview of subbasin conditions and proposed Projects and Management Actions
	(3)		A summary of the permitting and regulatory process required for each project and management action.	366:434	4.4.1: 4.4.7, 4.5.1:4.5.3			"Legal Authority, Permitting Processes, and Regulatory Control" is described under each Project/ Management Action
	(4)		The status of each project and management action, including a time-table for expected initiation and completion, and the accrual of expected benefits.	366:434	4.4.1: 4.4.7, 4.5.1:4.5.3			Status, timeline and expected benefits are described under each Project/ Management Action
	(5)		An explanation of the benefits that are expected to be realized from the project or management action, and how those benefits will be evaluated.	366:434	4.4.1: 4.4.7, 4.5.1:4.5.3			Benefits and benefit evaluation methodology are described under each Project/ Management Action
	(6)		An explanation of how the project or management action will be accomplished. If the projects or management actions rely on water from outside the jurisdiction of the Agency, an explanation of the source and reliability of that water shall be included.	366:434	4.4.1: 4.4.7, 4.5.1:4.5.3			Implementation and reliability of water source if applicable are described under each Project/ Management Action
	(7)		A description of the legal authority required for each project and management action, and the basis for that authority within the Agency.	366:434	4.4.1: 4.4.7, 4.5.1:4.5.3			"Legal Authority, Permitting Processes, and Regulatory Control" is described under each Project/ Management Action
	(8)		A description of the estimated cost for each project and management action and a description of how the Agency plans to meet those costs.	366:434	4.4.1: 4.4.7, 4.5.1:4.5.3			Estimated costs and funding sources are described under each Project/ Management Action
	(9)		A description of the management of groundwater extractions and recharge to ensure that chronic lowering of groundwater levels or depletion of supply during periods of drought is offset by increases in groundwater levels or storage during other periods.	345:350	4.1.1		4-1, 4-2	
(c)			Projects and management actions shall be supported by best available information and best available science.	345:350	4.1.1			
(d)			An Agency shall take into account the level of uncertainty associated with the basin setting when developing projects or management actions.	345:350	4.1.1			
			Note: Authority cited: Section 10733.2, Water Code.					
			Reference: Sections 10727.2, 10727.4, and 10733.2, Water Code.					