

## **RESOLUTION NO. 2014-113**

### **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROHNERT PARK SUPPORTING THE ADOPTION OF THE SANTA ROSA PLAIN GROUNDWATER MANAGEMENT PLAN BY THE BOARD OF DIRECTORS OF THE SONOMA COUNTY WATER AGENCY AND AUTHORIZING AND APPROVING A COOPERATIVE FUNDING AGREEMENT TO IMPLEMENT THE SAME**

**WHEREAS**, the Santa Rosa Plain Watershed (Plan Area) covers an area of approximately 167,000 acres and is home to approximately half of the population of Sonoma County; and

**WHEREAS**, the groundwater system beneath the Santa Rosa Plain provides numerous benefits to the region, including rural residential and municipal water supplies, irrigation water for agriculture, and base flow to streams and surface water bodies; and

**WHEREAS**, there can be multiple potential benefits to developing and implementing a groundwater management plan including increased water supply reliability, minimized adverse impacts to groundwater, enhanced local management of groundwater resources, and economic opportunities through available state grant funding programs; and

**WHEREAS**, the State of California's policies support the local development and implementation of non-regulatory, voluntary groundwater management plans; and

**WHEREAS**, the City of Rohnert Park draws a portion of its water supply from the groundwater system beneath the Santa Rosa Plain and has been an early advocate of groundwater management through policies contained in both its General Plan and its 2004 Water Policy Resolution; and

**WHEREAS**, the City of Rohnert Park, in collaboration with the Sonoma County Water Agency, the cities of Cotati, Santa Rosa and Sebastopol, the town of Windsor, the County of Sonoma, and the California American Water Company supported the United States Geological Survey's study of the groundwater system beneath the Santa Rosa Plain, which was completed in 2014 (the USGS Study); and

**WHEREAS**, the USGS Study includes significant technical data and groundwater modeling results that demonstrate the need for careful monitoring and management of groundwater and surface water in order to provide a sustainable supply of groundwater for all users; and

**WHEREAS**, the City of Rohnert Park has participated in a stakeholder-driven process to develop a Groundwater Management Plan for the Santa Rosa Plain area which will be administered by the Sonoma County Water Agency; and

**WHEREAS**, after a four year period of study, public outreach and negotiation, the stakeholders have recommended that the Board of Directors of the Sonoma County Water Agency adopt the Groundwater Management Plan for the Santa Rosa Plain which provides for local management and protection of groundwater resources through non-regulatory measures to support all beneficial uses; and

**WHEREAS**, implementation of the Groundwater Management Plan for the Santa Rosa Plain is structured to encourage an open, collaborative and cooperative process for groundwater management activities, and to maximize coordination future actions, which will benefit the City of Rohnert Park by including the City's existing monitoring within a regional context.

**WHEREAS**, the initial implementation of the Groundwater Management Plan will focus on the monitoring and modeling program and will be funded by a Cooperative Funding Agreement among several stakeholders. The City's obligation under the Cooperative Funding Agreement is \$10,000 per year for two years.


**NOW, THEREFORE, BE IT RESOLVED** by the City Council of the City of Rohnert Park that it supports the Board of Directors of the Sonoma County Water Agency's action to adopt and implement the recommendations of the Santa Rosa Plain Groundwater Management Plan.

**BE IT FURTHER RESOLVED** that the City Manager is hereby authorized and directed to execute documents pertaining to same for and on behalf of the City of Rohnert Park, including and without limit to a Cooperative Funding Agreement that supports implementation of the plan, which is attached hereto and incorporated by this reference, subject to minor modification by the City Attorney or City Manager.

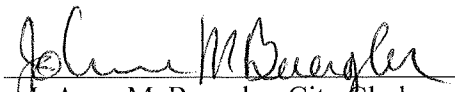
**DULY AND REGULARLY ADOPTED** this 23<sup>rd</sup> day of September 2014.



**CITY OF ROHNERT PARK**

  
Amy O. Ahanotu, Vice Mayor

**ATTEST:**

  
JoAnne M. Buerger, City Clerk

BELFORTE: AYE MACKENZIE: ABSENT STAFFORD: AYE AHANOTU: AYE CALLINAN: ABSENT  
AYES: ( 3 ) NOES: ( 0 ) ABSENT: ( 2 ) ABSTAIN: ( 0 )

## **Cooperative Agreement for Implementation of Santa Rosa Plain Groundwater Management Program**

This agreement ("Agreement") is by and among **Sonoma County Water Agency**, a body corporate and politic of the State of California ("Water Agency") and **County of Sonoma, Agricultural Preservation & Open Space District, City of Santa Rosa, City of Rohnert Park, Town of Windsor, City of Cotati, City of Sebastopol, California-American Water Company, and United Wine Growers**, (collectively "Participants"). The Effective Date of this Agreement is the date the Agreement is last signed by the parties to the Agreement, unless otherwise specified in Article 7.1 (Term of Agreement).

### **RECITALS**

- A. The Santa Rosa Plain Groundwater Management Program (Program) is described in Exhibit A and covers the Santa Rosa Plain Watershed Area (Plan Area).
- B. Program cost allocation is shown in Exhibit D.
- C. The Sonoma County Water Agency, City of Cotati, City of Santa Rosa, City of Sebastopol, City of Rohnert Park, Town of Windsor, and California-American Water Company utilize, or will utilize, groundwater from the Plan Area for all or part of their municipal water supply. The City of Sebastopol utilizes groundwater from the Plan Area for all of its municipal water supply.
- D. The County is interested in the adequacy of the groundwater supply in the unincorporated portions of the Plan Area.
- E. The Water Agency and the Sonoma County Agricultural Preservation and Open Space District have been working collaboratively to evaluate the relationship between watershed conservation and sustainable high quality groundwater supplies and are in the process of quantifying the economic benefits associated with land conservation related to maintaining groundwater quality and supply.
- F. The Sonoma County Agricultural Preservation and Open Space District has acquired land and may in future acquire land in the Plan Area. The information generated from this effort will support the Agricultural Preservation and Open Space District's acquisition planning and prioritization process. The Sonoma County Agricultural Preservation and Open Space District will utilize data and planning recommendations from the Groundwater Management Plan – in concert with other District conservation planning data – to more efficiently and effectively prioritize land acquisition and stewardship tasks that may protect or enhance groundwater resources.
- G. United Winegrowers represent wine grape growers in the Plan Area that rely on a sustainable supply of groundwater as a source of water for growing wine grapes.
- H. The Water Agency and Participants agree it is in the public interest to work collaboratively with other entities or individuals whose service areas, boundaries, or properties overlie the Plan Area.
- I. The purpose of this Agreement is to: (1) provide a funding mechanism for Participants to contribute a not-to-exceed total cost of \$330,000 to pay for Years 1 and 2 of implementing

the Program and (2) further establish working relationships amongst Participants staff and develop Program monitoring tools and protocols.

In consideration of the foregoing recitals and the mutual covenants contained herein, the parties hereto agree as follows:

## **AGREEMENT**

The Participants and Water Agency agree as follows:

### **1. RECITALS**

1.1. The above recitals are true and correct.

### **2. LIST OF EXHIBITS**

2.1. The following exhibits are attached hereto and incorporated herein:

- a. Exhibit A: Program Description
- b. Exhibit B: Location Map
- c. Exhibit C: Estimated Budget
- d. Exhibit D: Program Cost Allocation

### **3. COORDINATION/DESIGNATED REPRESENTATIVE**

3.1. Participants shall coordinate activities under this Agreement with Water Agency's Program Manager or Designated Representative. Contact information:

<b>Water Agency</b>	<b>City of Santa Rosa</b>
Program Manager: Marcus Trotta, P.G., C.Hg. 404 Aviation Boulevard Santa Rosa, California 95403-9019 Phone: 707-547-1978 Fax: 707-524-3782 Email: Marcus.Trotta@scwa.ca.gov	Program Manager: Rocky Vogler, PE 69 Stony Circle Santa Rosa, California 95401 Phone: 707-543-3938 Fax: 707-543-3936 Email: rvogler@srcity.org
<b>City of Rohnert Park</b>	<b>City of Sebastopol</b>
Program Manager: John McArthur 130 Avram Avenue Rohnert Park, California 94928 Phone: 707-588-3301 Fax: 707-794-9242 Email: jmcarthur@rpcity.org	Program Manager: Susan Kelly Engineering Department 714 Johnson Street Sebastopol, California 95472 Phone: 707-823-2151 Fax: 707-823-4721 Email: skelly@cityofsebastopol.org
<b>City of Cotati</b>	<b>Town of Windsor</b>
Program Manager: Damien O'Bid 201 West Sierra Avenue Cotati, California 94931-4217 Phone: 707-792-4600 Fax: 707-795-7067 Email: dobid@cotaticity.org	Program Manager: Garret Broughton PO Box 100 Windsor, California 95492 Phone: 707-838-1211 Fax: 707-838-5830 Email: gbroughton@townofwindsor.com
<b>County of Sonoma</b>	<b>Agricultural Preservation and Open Space</b>
Program Manager: Sandi Potter 2550 Ventura Avenue Santa Rosa, California 95403 Phone: 707-565-8351 Fax: 707-565-1103 Email: Sandi.Potter@sonoma-county.org	Program Manager: Karen Gaffney 747 Mendocino Avenue, Suite 100 Santa Rosa, California 95403 Phone: 707-565-7344 Email: karen.gaffney@sonoma-county.org
<b>United Winegrowers</b>	<b>California-American Water Company</b>
Program Manager: Bob Anderson P.O. Box 382 Santa Rosa, California 95402 Phone: (707)-484-3719 Email: b.andersson@comcast.net	Program Manager: Margaret DiGenova 4787 Old Redwood Highway Santa Rosa, California 95403 Phone: (707) 542-8329 Email: margaret.digenova@amwater.com

**4. COST SHARING**

- 4.1. The estimated cost to complete the first two-years of the implementation process is \$330,000 to fund technical consultant and facilitation costs, with in-kind staff support from the Water Agency and Participants, as identified in Exhibit C. Water Agency in-kind staff support for the first two years of Program implementation is estimated to be \$270,000 and is not included in the \$330,000 estimated cost share associated with this Agreement.
- 4.2. Participants and Water Agency shall share in the estimated \$330,000 local share for each of the two years up to the "not to exceed" amounts as listed in Exhibit D.

**5. WATER AGENCY'S RESPONSIBILITIES**

Water Agency will complete all the following, in accordance with "Project Implementation," as described in Exhibit A, at its cost and expense, except to the extent of Participants funding provided for in Sections 6 and 7 below.

- 5.1. Program Supervision: Retain and supervise technical consultant and facilitation consultant in implementation of the Santa Rosa Plain Groundwater Management Plan that complies with AB 3030 and SB 1938. Act as liaison with Department of Water Resources and provide Program management, and Program coordination. This responsibility includes coordinating any necessary technical review meetings and providing status updates to Participants as needed.
- 5.2. Technical Support: Perform computer simulations of planning scenarios in consultation with Participants and Basin Advisory Panel using GSFLOW model of the Santa Rosa Plain developed by the U.S. Geological Survey. Develop data management protocols and system for managing monitoring data collected under the Program. Preparation of annual reports summarizing progress and monitoring data for the Program.
- 5.3. Presentations by Request: If requested, assist Participants' staffs in making presentations to Participants' governing boards regarding the Program.
- 5.4. Record Maintenance: Maintain complete and accurate records of all transactions in compliance with generally accepted accounting principles for enterprise accounting as promulgated by the American Institute of Certified Public Accountants and the Governmental Accounting Standards Board. Maintain complete Program files with all correspondence, including letters and meeting notes. Such records shall be available to each Participant at all reasonable times for inspection and analysis.
- 5.5. Information Sharing: Gather and deliver Program information, data, results and work-product to the Participants in an electronic format.

**6. PARTICIPANTS'S RESPONSIBILITIES**

- 6.1. Funding: Participants shall fund the costs and expenses of Program up to the "not to exceed" amounts shown in Exhibit D.

- 6.2. Initial Payment: Upon execution of this Agreement and receipt of an invoice thereof, each Participant shall deposit with Water Agency its share of Fiscal Year 14/15 costs as described in Exhibit D of this Agreement.
- 6.3. Payment Obligation: Participants shall have no obligation to provide funding for the Program after Year 2, except pursuant to a future written amendment of this Agreement.
- 6.4. Technical Review: Each Participant's Program Manager shall provide technical review and comment on draft work products and reports, and each Participant shall provide a representative to attend Basin Advisory Panel meetings and technical meetings, as needed. Participants shall maintain the confidentiality of any draft report to the extent Water Agency notifies them that such confidentiality is requested and is in accordance with law.

## **7. ADDITIONAL REQUIREMENTS**

- 7.1. Term of Agreement: This Agreement shall expire on December 31, 2016.
- 7.2. Authority to Amend Agreement: Changes to the Agreement may be authorized only by written amendment to this Agreement, signed by all parties. Minor changes, which do not increase the amount paid under the Agreement, and which do not significantly change the scope of the agreement or significantly lengthen time schedules may be executed by the Water Agency's General Manager in a form approved by County Counsel.
- 7.3. Refund of Remaining Funds: If the Program cost under Exhibit C are less than the amounts paid to Water Agency, Water Agency will refund difference to Participants within 30 calendar days of Program completion.
- 7.4. No Waiver of Breach: The waiver by Water Agency or Participant of any breach of any term or promise contained in this Agreement shall not be deemed to be a waiver of such term or promise or any subsequent breach of the same or any other term or promise contained in this Agreement.
- 7.5. Notice: Except as otherwise provided in this Agreement, any notice, submittal or communication required or permitted to be given to the Water Agency or a Participant shall be in writing and may be given by personal delivery to the office of the person identified in Section 3. Service may also be made by United States mail or by electronic mail.
- 7.6. Construction: To the fullest extent allowed by law, the provisions of this Agreement shall be construed and given effect in a manner that avoids any violation of statute, ordinance, regulation, or law. The parties covenant and agree that in the event that any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions hereof shall remain in full force and effect and shall in no way be affected, impaired, or invalidated thereby.

Participants and Water Agency acknowledge that they have each contributed to the making of this Agreement and that, in the event of a dispute over the interpretation of this Agreement, the language of the Agreement will not be construed against one party in favor of the other. Participants and Water Agency acknowledge that they have each had an adequate opportunity to consult with counsel in the negotiation and preparation of this Agreement.

- 7.7. No Third-Party Beneficiaries: Nothing contained in this Agreement shall be construed to create and the parties do not intend to create any rights in third parties.
- 7.8. Applicable Law and Forum: This Agreement shall be construed and interpreted according to the substantive law of California excluding the law of conflicts. Any action to enforce the terms of this Agreement or for the breach thereof shall be brought and tried in the County of Sonoma.
- 7.9. Captions: The captions in this Agreement are solely for convenience of reference. They are not a part of this Agreement and shall have no effect on its construction or interpretation.
- 7.10. Merger: This writing is intended both as the final expression of the Agreement between the parties hereto with respect to the included terms and as a complete and exclusive statement of the terms of the Agreement, pursuant to Code of Civil Procedure Section 1856. No modification of this Agreement shall be effective unless and until such modification is evidenced by a writing signed by both parties.
- 7.11. Time of Essence: Time is and shall be of the essence of this Agreement and every provision hereof.

## 8. TERMINATION

- 8.1. Any Participant may terminate its participation in this Agreement by giving ninety (90) calendar days advance written notice to all other parties of its intent to terminate its participation in this Agreement. Termination shall not relieve the Participant of its obligation to pay costs incurred before the effective date of the termination.

## 9. COUNTERPART SIGNATURES

- 9.1. This Agreement may be executed in counterpart and each of these executed counterparts shall have the same force and effect as an original instrument and as if all of the parties to the aggregate counterparts had signed the same instrument.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date last signed by the parties to the Agreement.

<p>Reviewed as to substance by County of Sonoma:</p> <p>_____</p> <p>Department Head</p> <p>Reviewed as to form:</p> <p>_____</p> <p>County Counsel</p> <p><b>COUNTY OF SONOMA</b></p> <p>_____</p> <p>Chair, Board of Supervisors</p> <p>Attest:</p> <p>_____</p> <p>County Clerk</p> <p>Review as to Substance by Agricultural Preservation and Open Space District:</p> <p>_____</p> <p>Department Head</p> <p>Reviewed as to form:</p> <p>_____</p> <p>County Counsel</p> <p><b>COUNTY OF SONOMA AGRICULTURAL PRESERVATION AND OPEN SPACE DISTRICT</b></p> <p>_____</p> <p>Chair, Board of Directors</p> <p>Attest:</p> <p>_____</p> <p>County Clerk</p>	<p>Reviewed as to funds by Water Agency:</p> <p>_____</p> <p>Division Manager - Administrative Services</p> <p>Reviewed as to substance by Water Agency:</p> <p>_____</p> <p>Department Head</p> <p><b>SONOMA COUNTY WATER AGENCY</b></p> <p>_____</p> <p>Chair, Board of Directors</p> <p>Date: _____</p> <p>Attest: _____</p> <p>Clerk of the Board of Directors</p> <p><b>CITY OF COTATI</b></p> <p>By: _____</p> <p>City Manager or Designated Representative</p> <p>Approved as to form:</p> <p>_____</p> <p>Cotati City Attorney</p> <p>_____</p> <p><b>TOWN OF WINDSOR</b></p> <p>By: _____</p> <p>Town Manager</p> <p>Approved as to form:</p> <p>_____</p> <p>_____, Town Attorney</p>
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<p><b>CITY OF SANTA ROSA</b></p> <p>By: _____</p> <p>Title: _____</p> <p>Attest: _____</p> <p>Recording Secretary</p> <p>Approved as to form:</p> <p>_____</p>	<p><b>CITY OF SEBASTOPOL</b></p> <p>By: _____</p> <p>Mayor</p> <p>Approved as to form:</p> <p>_____</p> <p>City of Sebastopol Attorney</p>
<p><b>CITY OF ROHNERT PARK</b></p> <p>By: _____</p> <p>Mayor</p> <p>Authorized by Resolution No. _____</p> <p>Attest: _____</p> <p>City of Rohnert Park Clerk</p> <p>Approved as to form:</p> <p>_____</p> <p>City of Rohnert Park Attorney</p>	<p><b>CALIFORNIA-AMERICAN WATER COMPANY, a</b> California Corporation</p> <p>By: _____</p> <p>_____, Vice President Operations</p> <p><b>UNITED WINE GROWERS ASSOCIATION, a</b> California corporation</p> <p>By: _____</p> <p>Bob Anderson, _____</p>

# Exhibit A

## Program Description

### Program Background

The Santa Rosa Plain Watershed (Plan Area) covers an area of approximately 167,000 acres and is home to approximately half of the population of Sonoma County. The groundwater system beneath the Santa Rosa Plain provides numerous benefits to the region, including rural residential and municipal water supplies, irrigation water for agriculture, and baseflow to streams and surface water bodies.

An integrated strategy being undertaken statewide by many local agencies is to develop and implement non-regulatory, voluntary groundwater management plans in compliance with 1992's Assembly Bill 3030 (AB3030) and 2002's Senate Bill 1938. Such plans include public involvement, groundwater level and quality monitoring, and management strategies. Such a plan has been successfully developed and implemented in Sonoma Valley. Development of such a plan for the Santa Rosa Plain is one of the immediate actions identified in the Water Agency's Water Supply Strategy No. Five (Work with Stakeholders to Promote Sound, Information-Based Water Supply Planning Programs) of the Water Supply Strategies Action Plan.

Potential benefits to developing and implementing a groundwater management plan include increased water supply reliability, minimized adverse impacts to groundwater, enhanced local management of groundwater resources, and economic opportunities through available state grant funding programs.

To assess whether stakeholders within the Santa Rosa Plain were interested in pursuing groundwater management planning, the Water Agency retained the Center for Collaborative Policy (CCP) to conduct a stakeholder assessment of groundwater users and those interested in groundwater in 2009. Based on the findings of the assessment, CCP concluded that collaborative groundwater planning for the Basin would require significant pre-planning steps to lay the foundation for a phased groundwater management planning process. These steps included convening a small, representative steering committee to guide pre-planning work and initiating a robust education effort and outreach campaign on the USGS technical study and the groundwater management planning process.

In April 2010, consistent with CCP's recommendations, the Water Agency convened a Steering Committee comprised of representatives from a diverse range of stakeholder constituency groups, including business, environmental, and community organizations; government; municipal water supply; agriculture; and rural residential well owners. Based on understanding and input gained through these outreach activities, in January 2011 the Steering Committee recommended that stakeholders collaboratively develop a non-regulatory, voluntary groundwater management plan for the Basin under AB3030.

As part of initiating a groundwater management planning process in the Plan Area, a Basin Advisory Panel (Panel) was formed in December 2011 to lead development of the groundwater management plan for the Santa Rosa Plain. The Panel includes 28 stakeholders from throughout the Santa Rosa Plain representing agricultural interests, local citizen groups, environmental groups, business interests, local well owners and government interests. The Panel selected the Water Agency as the lead agency for the Santa Rosa Plain Groundwater Management Plan. The Panel formed a Technical Advisory Committee (TAC) to provide expert advice on scientific and technical matters related to Plan development and program implementation. The TAC includes experts from diverse backgrounds and disciplines, including geology, hydrology, engineering and ecology.

The United States Geological Survey (USGS) completed a study of the Santa Rosa Plain groundwater basin in 2014 in collaboration with the Water Agency, the cities of Cotati, Rohnert Park, Santa Rosa and Sebastopol, the town of Windsor, the County of Sonoma, and the California-American Water Company. As part of this study, the USGS developed an innovative computer model that fully integrates surface water and groundwater to better understand and manage the Plan Area's water resources. The study

shows that increased groundwater pumping has caused an imbalance of groundwater inflow and outflow. This imbalance could affect groundwater levels in wells and reduce flows in creeks and streams, leading to a potential for decline in habitat and ecosystems. These findings demonstrate the need for careful monitoring and management of groundwater and surface water in the Plan area to provide a sustainable supply of water for groundwater users and the environment.

The Panel developed the Santa Rosa Plain Groundwater Management (Plan) through monthly meetings and sub-committee discussions of topics including groundwater management goals and objectives, a monitoring framework, and groundwater management implementation actions. The Panel also developed a Charter outlining Panel member roles, responsibilities' and functions, and a Governance Proposal that describes the governance structure for Plan implementation. The Panel formed a TAC to review and present plan elements to the Panel for discussion and approval during the monthly meetings.

During Plan preparation, the stakeholders discussed the uncertainties and data gaps related to the current knowledge of groundwater conditions in the Santa Rosa Plain Watershed area. The Plan identifies those uncertainties and prioritizes the efforts that will be required to develop needed information. Stakeholders also recognize that funding sources must be identified for supporting studies and monitoring programs that will enhance the understanding of groundwater conditions in the Santa Rosa Plain Watershed area. The Plan recommends a range of voluntary water management actions to achieve the stated goal, which are grouped into seven major components: (1) Stakeholder Involvement and Public Awareness; (2) Monitoring and Modeling Program; (3) Groundwater Protection; (4) Increase Water Conservation and Efficiency; (5) Increase Groundwater Recharge; (6) Increase Water Reuse; and (7) Integrated Groundwater Management.

#### Program Implementation

Implementation of the Santa Rosa Plain Groundwater Management (Program) is structured to encourage an open, collaborative and cooperative process for groundwater management activities, and to maximize coordination of the many future actions envisioned by the Panel. Studies, projects, and programs conducted under the Plan may be implemented by one or more lead agencies (the Water Agency or other agencies), following input or guidance from the Panel and a supporting TAC.

The first two years of Program implementation funded under this Agreement focus on core implementation components, including stakeholder involvement and monitoring, which under the Water Code define the Plan's eligibility for state funding for groundwater projects. Specific tasks to be conducted under the Agreement include:

- Preparation of outreach materials for initial plan implementation.
- Organization, preparation of materials and work products for 8 Panel meetings and 12 TAC meetings.
- Initial development of existing data compilation framework and monitoring and reporting protocols.
- Organization of voluntary groundwater level monitoring program and evaluation of groundwater level data.
- Development of groundwater quality data compilation and reporting framework.
- Coordination of data management and preparation of annual reports.
- Develop and run management scenarios, in consultation with the Panel, using the computer model (GSFLOW) developed for the Plan area by the United States Geological Survey.

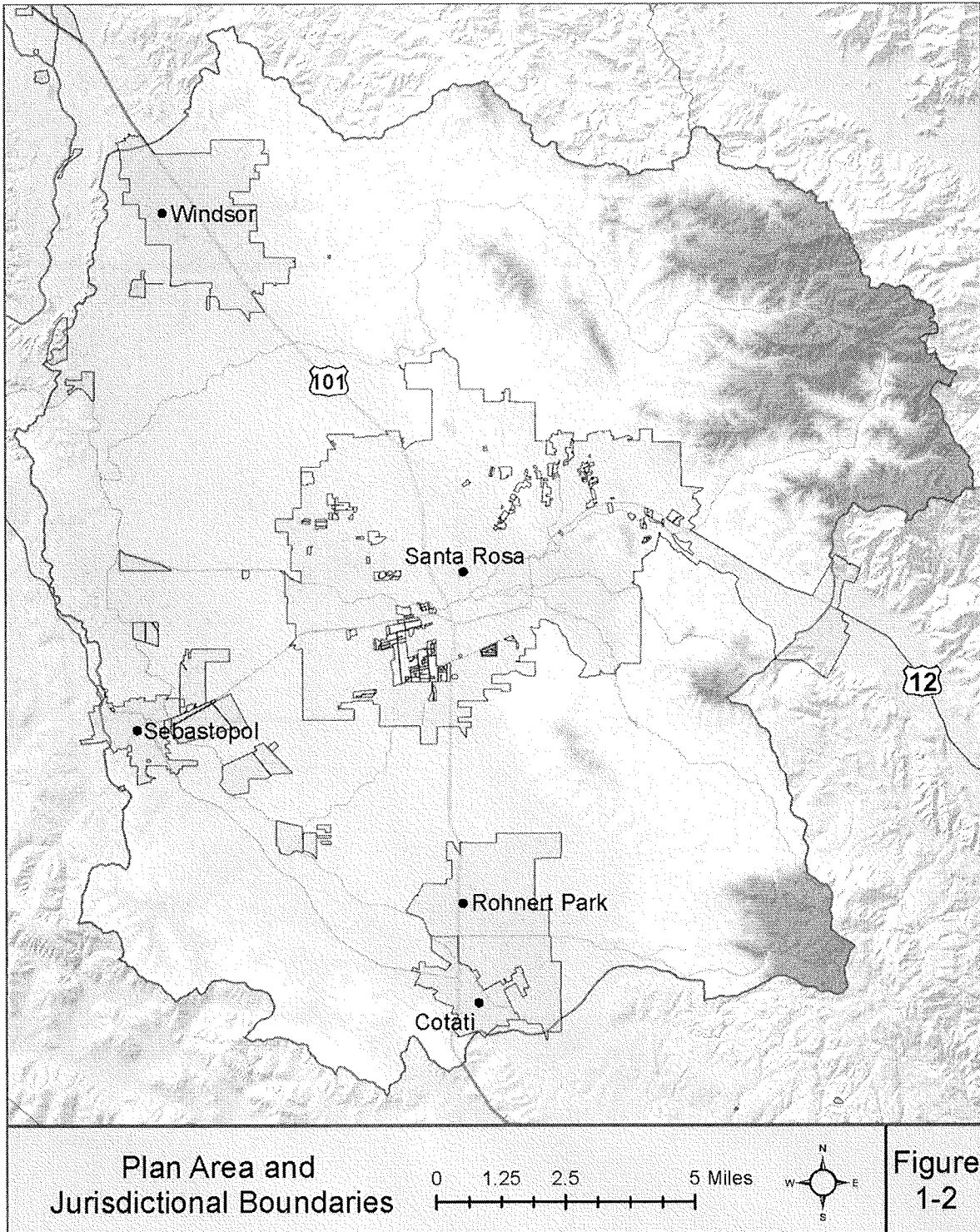
During Program implementation, the Water Agency and the Panel will continue to prioritize and develop other Plan components, and seek funding and leveraging opportunities for implementing recommended actions, outreach, coordination, and partnerships. The Program also serves to coordinate all sorts of

projects, actions and activities conducted by local agencies, non-governmental organizations (NGOs), and private parties as appropriate, to assist in collaborations and leveraging of limited resources.

The Water Agency and Participants have negotiated a projected cost sharing for implementing the Santa Rosa Plain Groundwater Management Program (Program) for two years. The total cost for implementing the study for the first two years is estimated to be approximately \$600,000 which covers technical consultants (\$215,000), facilitation services (\$115,000) and Water Agency staff costs (\$270,000) for the core actions associated with implementing the Plan, including stakeholder involvement, monitoring and scenario modeling. The cost sharing associated with this Agreement is for \$330,000 over the two years and does not include Water Agency staff costs.

## Exhibit B

### Location Map



## Exhibit C

### Estimated Budget

#### Two Year Budget - Implementation of Santa Rosa Plain GMP

Recommended Action	Year 1				Year 2				Two Year Total	Notes
	Facilitator	Consultant	Water Agency Staff	Year 1 Subtotal	Facilitator	Consultant	Water Agency Staff	Year 2 Subtotal		
<b>Stakeholder</b>										
5.1.1 Involving the Public (Outreach and Forums)	\$ 10,000	\$ 12,000	\$ 15,000	\$ 37,000	\$ 5,000	\$ 5,000	\$ 10,000	\$ 20,000	\$ 57,000	Includes preparation of outreach materials for initial plan implementation and one public forum on monitoring program
5.1.2 Advisory Groups - Meetings, coordination, and communications	\$ 50,000	\$ 55,000	\$ 45,000	\$ 150,000	\$ 50,000	\$ 55,000	\$ 40,000	\$ 145,000	\$ 295,000	Organization, preparation of materials and work products, and attendance of 8 Panel meetings and 12 TAC meetings.
<b>Monitoring &amp;</b>										
5.2.1.1 Groundwater Level Monitoring	\$ -	\$ 15,000	\$ 20,000	\$ 35,000	\$ -	\$ 10,000	\$ 10,000	\$ 20,000	\$ 55,000	Organization of voluntary groundwater level monitoring program and evaluation of groundwater level data
5.2.1.2 Groundwater Quality Monitoring	\$ -	\$ 8,000	\$ 5,000	\$ 13,000	\$ -	\$ 5,000	\$ 5,000	\$ 10,000	\$ 23,000	Development of groundwater quality data compilation and reporting framework.
5.2.1.3 through 5.2.1.6 (Inelastic Land Subsidence Monitoring, Surface Water-Groundwater Interaction, Hydrometeorological, and Monitoring &	\$ -	\$ 5,000	\$ 5,000	\$ 10,000	\$ -	\$ 5,000	\$ 5,000	\$ 10,000	\$ 20,000	Initial development of existing data compilation framework and monitoring

5.2.1.7 Data Management (& initial reporting)	\$ -	\$ 20,000	\$ 20,000	\$ 40,000	\$ -	\$ 20,000	\$ 10,000	\$ 30,000	\$ 70,000	Coordination of data management and preparation of annual reports
5.2.2 Modeling of Scenarios	\$ -		\$ 80,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000	Model scenarios to be performed in Year 1
<b>Totals</b>	\$ 60,000	\$ 115,000	\$ 190,000	\$ 365,000	\$ 55,000	\$ 100,000	\$ 80,000	\$ 235,000	\$ 600,000	



## Exhibit D

### Program Cost Allocation

#### Proposed Contributions for Santa Rosa Plain Groundwater Management Plan Year One-Two Implementation

	FY 14/15	FY 15/16	Total 2-Year
Water Agency	\$ 55,000	\$ 50,000	\$ 105,000
County of Sonoma	\$ 30,000	\$ 30,000	\$ 60,000
Ag and Open Space District	\$ 25,000	\$ 25,000	\$ 50,000
City of Santa Rosa	\$ 12,500	\$ 12,500	\$ 25,000
City of Rohnert Park	\$ 10,000	\$ 10,000	\$ 20,000
Town of Windsor	\$ 9,000	\$ 9,000	\$ 18,000
City of Cotati	\$ 4,500	\$ 4,500	\$ 9,000
City of Sebastopol	\$ 3,000	\$ 3,000	\$ 6,000
California-American Water Company	\$ 4,500	\$ 4,500	\$ 9,000
Federated Indians of Graton Rancheria	\$ 4,000	\$ 4,000	\$ 8,000
United Winegrowers	\$ 10,000	\$ 10,000	\$ 20,000
<b>Total</b>	<b>\$ 167,500</b>	<b>\$ 162,500</b>	<b>\$ 330,000</b>

**Note 1:** Funding from the Federated Indians of Graton Rancheria is through the Intergovernmental Agreement with the County of Sonoma.

**Note 2:** Contributions listed above do not include \$270,000 in Water Agency in-kind services.