

Attachment 3. Status of GWMP

The City of Folsom (City) is currently entirely dependent on its American River surface water supply. This resource is subject to dry year water supply reductions under the Water Forum Agreement, which may result in future water shortages. One option to address these shortages is through the development of a supplemental groundwater resource and/or groundwater banking of the City's excess surplus wet year supplies (for use during dry years) either within the City or elsewhere.

The City is a participant in two regional groundwater management entities: the Sacramento Groundwater Authority (SGA) I, a joint powers authority (JPA) created to manage the Sacramento region's North Area Groundwater Basin (North Area Basin); and the Sacramento Central Groundwater Authority (SCGA), also a JPA, created to manage, protect and sustain the groundwater resources of the basin in Sacramento County between the American and Cosumnes Rivers consistent with the Water Forum Agreement.

Sacramento Groundwater Authority

The SGA's formation resulted from a coordinated effort by the Sacramento Metropolitan Water Authority (SMWA) and the Sacramento Area Water Forum (Water Forum) to establish an appropriate management entity for the North Area Basin. The SGA draws its authority from a joint powers agreement signed by the cities of Citrus Heights, Folsom, and Sacramento and the County of Sacramento to exercise their common police powers to manage the underlying groundwater basin. In turn, these agencies chose to manage the basin in a cooperative fashion by allowing representatives of the 14 local water purveyors and representatives for agricultural and self-supplied pumpers to serve as the Board of Directors of the SGA.

The SGA Board of Directors elected to prepare a GMP as one of the tools necessary to effectively manage the basin. The SGA prepared the GMP consistent with the provisions of CWC § 10750 et seq. as amended January 1, 2003. SGA officially adopted its Groundwater Management Plan, on December 11, 2008 (see Attachment 3_LGA12_Folsom_GWMP_2of3.pdf).

The goal of the SGA GWMP is "to ensure a viable groundwater resource for beneficial uses including agricultural, industrial, and municipal supplies that support the WFA's co-equal objectives of providing a reliable and safe water supply and preserving the fishery, wildlife, recreational, and aesthetic values of the lower American River." (SGA GMP, 2008)

The objectives of SGW GWMP are:

- Maintain or improve groundwater quality in the SGA area to ensure sustainable use of the groundwater basin.
- Maintain groundwater elevations that provide for sustainable use of the groundwater basin.
- Protect against potential inelastic land surface subsidence.
- Manage groundwater to protect against adverse impacts to surface water flows in the American River, the Sacramento River, and other surface water bodies within the SGA area.
- Protect against adverse impacts to surface or groundwater quality resulting from interaction between groundwater in the basin and surface water flows in the American River, the Sacramento River, and other surface water bodies within the SGA area.
- Educate on the need to achieve recharge to the aquifer of appropriate quality and quantity to ensure basin sustainability.
- Maintain a sustainable groundwater basin to help mitigate potential water supply impacts resulting from an uncertain climate future and an increasingly unreliable state and federal water delivery system.

- Maintain a sustainable groundwater basin underlying the SGA area through coordination and collaboration with adjacent groundwater basin management efforts.

Sacramento Central Groundwater Authority

The SCGA's formation also resulted from the Water Forum's Successor Effort which culminated in a coordinated effort by the Cities of Elk Grove, Folsom, Ranch Cordova, Sacramento, and the County of Sacramento. The SCGA is responsible for the protection, health and long-term viability of the underlying groundwater as a sustainable resource for both current and future users. The SCGA Board of Directors consists of sixteen members. Representation includes a Board member from nine public agencies, two private water purveyors, one representative of agricultural interests, one representative of agriculture-residential groundwater users, one representative of commercial/industrial self-supplied groundwater users, one representative of conservation landowners, and one representative of public agencies that are self-supplied groundwater users.

The SCGA prepared its GMP consistent with the provisions of CWC § 10750 et seq. as amended January 1, 2003. SGCA officially adopted its GMP on October 11, 2006 (see Attachment 3_LGA12_Folsom_GWMP_3of3.pdf).

The objectives of the SCGA GWMP are:

- Maintain a long-term average groundwater extraction rate of 273,000 AF/year.
- Establish specific minimum groundwater elevations within all areas of the basin consistent with the Water Forum "Solution."
- Protect against any potential inelastic land surface subsidence.
- Protect against any adverse impacts to surface water flows.
- Develop specific water quality objectives for several constituents of concern.

The proposed project supports the goals and objectives of both SGA and SCGA GMPs by greatly improving the understanding of Folsom's groundwater resource. The data provided by this project will help meet several SGA and SCGA GWMP objectives. This study will:

- Improve understanding of the Folsom area groundwater conditions to better assess if there is a viable groundwater resource that could provide for beneficial uses in the study area
- Establish specific minimum groundwater elevations within the study area consistent with the Water Forum solution
- Help evaluate groundwater as a viable alternative to surface water use in dry years that could reduce demand on surface water and help preserve the fishery, wildlife, recreational, and aesthetic values of the lower American River, and to help protect against adverse impacts to surface water flows,
- Add important data monitoring locations to the regional monitoring network that is critical to understanding and maintaining regional groundwater and improving sustainable use of the regional groundwater basin
- Opportunities for key stakeholders and public to review the new data and provide input into the project as part of larger efforts to educate and collaborate on regional groundwater issues.

**SACRAMENTO CENTRAL GROUNDWATER AUTHORITY
CALIFORNIA**

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For the Agenda of:
October 11, 2006

APPROVED
BOARD OF DIRECTORS

To: Board of Directors
Sacramento Central Groundwater Authority

Date 10/11/06

From: Staff

By Mihelle Fiorino
Clerk of the Board

Subject: Public Hearing For Adoption Of The Central Sacramento County Groundwater Management Plan

Contact: Darrell Eck, Senior Civil Engineer, 874-5039

Overview

The Central Sacramento County Groundwater Management Plan (CSCGMP) is the result of negotiations and agreements between stakeholders in the Central Sacramento County Groundwater Basin. The CSCGMP reviews current and future water supply and demands, contains basin management objectives (BMO) addressing rate of groundwater extraction, groundwater elevations, land subsidence, surface water flows and groundwater contamination. The CSCGMP also contains "trigger points" and remedies to ensure full implementation of the BMOs. It also provides for the protection of groundwater wells and establishes cooperative relationships with Sacramento County's Environmental Management Department and other regulatory agencies to addresses groundwater contamination. Adoption of a Groundwater Management Plan must follow guidelines set forth in Section 10753 et seq. of the California Water Code.

Recommendations

Staff recommends that your Board:

1. Open the scheduled public hearing and consider any testimony or objections which the public desires to make.
2. Close the public hearing.
3. Direct staff to incorporate public comments into the draft GMP.

Public Hearing For The Adoption Of The Central Sacramento County Groundwater Management Plan

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BACKGROUND:

The January 2000 Water Forum Agreement contained seven major elements, one of which is groundwater management. In 2001, the Central Sacramento County Groundwater Forum (Groundwater Forum) was created to establish a groundwater management governance mechanism that would implement and administer a groundwater management plan for the Central Sacramento County Groundwater Basin (Central Basin).

On February 26, 2002, the first meeting of the Groundwater Forum was held including 40 stakeholder participants representing agriculture, agriculture/residential users, business, environmental/community organizations, local governments/public agencies and water purveyors.

In March 2004 the stakeholders completed negotiations on 28 agreements-in-principle to guide development of the Central Sacramento County Groundwater Management Plan (Central Basin GMP) and recommendations on governance. These were presented to the Water Forum Successor Effort and were reviewed and approved by all stakeholder organizations.

In November 2004 the Groundwater Forum appointed a stakeholder Task Force to work out the details of the Central Basin GMP.

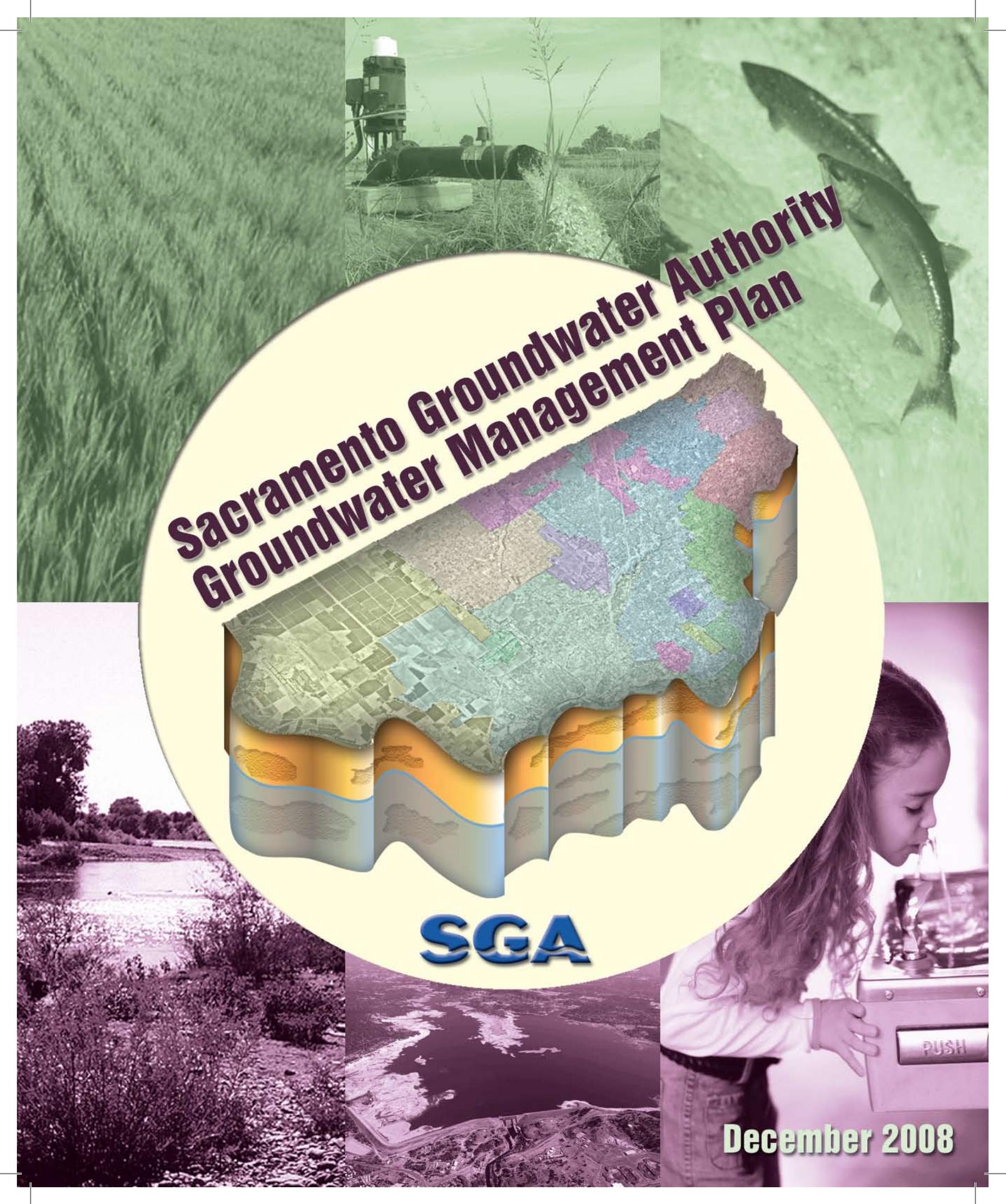
On April 19, 2005, the Sacramento County Water Agency's Board of Directors held a public hearing and adopted a Resolution of Intention to draft a groundwater management plan for the Central Sacramento County Groundwater Basin.

In February 2006 the Central Basin GMP was completed and accepted by the Groundwater Forum. The Central Basin GMP reviews current and future water supply and demands and contains basin management objectives (BMOs) that address the rate of groundwater extraction, groundwater elevation, land surface subsidence, surface water flows and groundwater contamination. The Central Basin GMP also contains "trigger points" and remedies to ensure full implementation of the BMOs. It also provides for the protection of groundwater wells and establishes cooperative relationships with Sacramento County's Environmental Management Department and other regulatory agencies to address groundwater contamination.

DISCUSSION:

Section 10753 et seq. of the Water Code requires that an agency adopting a GMP do so in a prescribed manner. These steps include publishing a notice of intent, adoption by the Board of the Resolution of Intent, public outreach (consisting of public meetings, project newsletters, and a project website), publishing a notice of the Resolution to Adopt, conducting public hearings and ultimately adopting the GMP by your Board.

Notices of public hearing for this GMP were published in a newspaper of general circulation on both September 27, 2006 and October 4, 2006 in accordance with the requirements of California Water Code (10753.5).



Sacramento Groundwater Authority Groundwater Management Plan



SGA

December 2008

SACRAMENTO GROUNDWATER AUTHORITY

GROUNDWATER MANAGEMENT PLAN

December 2008



Sacramento Groundwater Authority
*Managing Groundwater Resources
in Northern Sacramento County*

February 6, 2009

Sacramento Groundwater Authority

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Members:

*California American Water
Carmichael Water District
Citrus Heights Water District
Del Paso Manor Water District
Fair Oaks Water District
Folsom, city of
Golden State Water Company
Natomas Central Mutual Water Company
Orange Vale Water Company
Rio Linda/Elverta Community Water District
Sacramento, city of
Sacramento, county of
Sacramento Suburban Water District
San Juan Water District
agricultural and self-supplied representatives*

To Interested Parties and Individuals:

The Sacramento Groundwater Authority (SGA) is pleased to release this revised Groundwater Management Plan (GMP), adopted December 11, 2008 by the SGA Board of Directors. The plan represents a continuation of the GMP initially adopted in 2003 with a goal of maintaining a sustainable groundwater basin in Sacramento County north of the American River. While the initial GMP was effective in helping to achieve this goal, SGA committed to a comprehensive review of its plan every five years to ensure that management objectives and actions remain responsive to developing needs.

SGA and its members are committed to the regional objectives established by the historic Sacramento Water Forum Agreement, and these objectives are incorporated into the plan. Since SGA's formation in 1998, SGA members have taken many steps to preserve the valuable groundwater resources underlying our region.

SGA is grateful for the partnerships with the U.S. Army Corps of Engineers and the California Department of Water Resources that have allowed us to significantly advance our understanding and enhance our management decision-making in the basin. SGA also appreciates the efforts of member agencies and their respective Board representatives that ensure successful management in the basin.

Comments and suggestions to improve our management of the basin are always welcome. To view our most recent Basin Management Report, which biennially reviews GMP actions and results, please visit the SGA web site at www.sgah2o.org.

Sincerely,

A handwritten signature in black ink, appearing to read 'John K. Woodling', is written over a large, stylized, circular scribble.

John K. Woodling
Executive Director

SACRAMENTO GROUNDWATER AUTHORITY

GROUNDWATER MANAGEMENT PLAN

RESOLUTION NO. 2008-04

A RESOLUTION OF THE SACRAMENTO GROUNDWATER AUTHORITY ADOPTING AN UPDATED GROUNDWATER MANAGEMENT PLAN AND A FINDING OF EXEMPTION FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

The Board of Directors of the Sacramento Groundwater Authority (SGA) does hereby find that:

WHEREAS, the SGA was formed under the Joint Exercise of Powers Act (Chapter 5 of Division 7 of Title 1 of the California Government Code) on August 11, 1998 by the Cities of Citrus Heights, Folsom, and Sacramento, and the County of Sacramento; and

WHEREAS, the SGA was created for the purposes of protecting, preserving, and enhancing, for current and future beneficial uses, the groundwater resources in the North Area Groundwater Basin, in Sacramento County, north of the American River; and

WHEREAS, the SGA has previously adopted a Groundwater Management Plan for the North Area Groundwater Basin on December 11, 2003; and

WHEREAS, the SGA has committed to a five-year comprehensive review interval of its Groundwater Management Plan for the North Area Groundwater Basin; and

WHEREAS, the updated Groundwater Management Plan will further ongoing efforts to protect groundwater and interdependent environmental resources in the North Area Groundwater Basin, will facilitate collection of information to further understand and evaluate additional policies and programs for protection of the groundwater resources in the North Area Groundwater Basin, and will assist in other ongoing efforts to study the feasibility of conjunctive use programs utilizing the North Area Groundwater Basin.

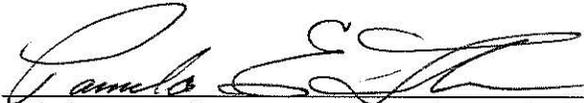
NOW, THEREFORE, be it resolved that:

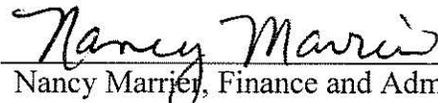
1. The SGA Board hereby adopts a Groundwater Management Plan for the North Area Groundwater Basin, in Sacramento County, north of the American River, copy attached hereto as Exhibit A.

2. The SGA Board further finds that the adoption of the Groundwater Management Plan is exempt from the requirements of the California Environmental Quality Act pursuant to CEQA Guidelines Section 15262 because the Groundwater Management Plan is a planning study which identifies potential projects, programs, and policies for possible future actions which have not yet been approved, adopted or funded; and Sections 15306, 15307, and 15308 because the Plan consists of basic data and information collection and includes possible actions, subject to future adoption and approval, which would protect natural resources and the environment.

**SACRAMENTO GROUNDWATER AUTHORITY
GROUNDWATER MANAGEMENT PLAN**

PASSED AND ADOPTED by the Board of Directors of the Sacramento Groundwater Authority, on December 11, 2008.

By: 
Chairperson, Sacramento Groundwater Authority

Attest: 
Nancy Marrie, Finance and Administrative Services
Officer/Clerk