

TABLE 1

MERCED GROUNDWATER BASIN GROUNDWATER MANAGEMENT PLAN COMPONENTS REVIEW

Item	Summary of Compliance Requirements	DWR Bulletin 118 Append C Line Item	Updated GMP Report Section	Notes
<b>A. California Water Code Section 10750 et seq., Required Components (SB1938)</b>				
1	Documentation of public involvement statement	1	7.4	
2	Basin Management Objectives (BMOs)	6	5.0	
3	Monitoring and management of groundwater elevations, groundwater quality, inelastic land surface subsidence, and changes in surface water flows and quality that directly affects groundwater levels or quality or are caused by pumping.	7	6.7, 6.13	
4	Plan to involve other agencies located within groundwater basin.	2	2.2, 7.3	
5	Adoption of monitoring protocols by basin stakeholders	9	6.14	
6	Map of groundwater basin showing area of agency subject to GMP, other local agency boundaries, and groundwater basin boundary as defined in DWR Bulletin 118.	3	2.1, Figure 3	
7	For agencies not overlying groundwater basins, preparation of GMP using appropriate geologic and hydrologic principles.	14	Not Applicable	Not applicable to the Merced Basin
<b>B. California Department of Water Resources Suggested Components, Bulletin 118</b>				
1	Management with guidance of advisory committee	4	2.2, 7.3	
2	Description of area to be managed under GMP	5	2.1	
3	Creation of link between BMOs and goals and actions of BMP	8	5.0, Table 2	
4	Description of GMP monitoring program	10	6.7, 6.13	Section 6.7 is still a little disjointed and the two sections don't coordinate all that well.
5	Description of integrated water management planning efforts	11	2.2, 7.1, 7.3	
6	Report on implementation of GMP	12,13	2.2; 7.6	
7	Periodic evaluation of GMP	12,13	7.7	
<b>C. California Water Code Section 10750 et seq., Required Components (AB3030)</b>				
1	Control of saline water intrusion		6.1	
2	Identification and management of wellhead protection areas and recharge areas.		6.2	
3	Regulation of the migration of contaminated groundwater		6.3	
4	Administration of well abandonment and well destruction programs		6.4	
5	Mitigation of conditions of overdraft		6.5	
6	Replenishment of groundwater extracted by water producers		6.6	
7	Monitoring of groundwater levels and storage		6.7	
8	Facilitating of conjunctive use operations		6.8	
9	Identification of well construction policies		6.9	
10	Construction and operation by local agency of groundwater contamination cleanup, recharge, storage, conservation, water recycling, and extraction projects		6.10	
11	Development of relationships with state and federal regulatory agencies		6.11	
12	Review of land use plans and coordination with land use planning agencies to assess activities that create reasonable risk of groundwater contamination		6.12	
<b>D. Integrated Regional Planning (SB 1672)</b>				
1	Integration of water resource management activities		2.2, 7.1	What exists vs. what is planned for future implementation hasn't been addressed.
2	Regional planning and management		2.2, 7.2	
3	Formation of a regional management group		2.2, 7.3	
4	Public involvement		7.4	
5	Development of local, regional, and statewide priorities.		7.5	

TABLE 2  
CORRELATION OF BASIN MANAGEMENT OBJECTIVES WITH ELEMENTS



Groundwater Management Goal	Element 1	Element 2	Element 3	Element 4	Element 5	Element 6	Element 7	Element 8	Element 9	Element 10	Element 11	Element 12	Element 13	Element 14	Section 7.1	Section 7.2	Section 7.3	Section 7.4	Section 7.5	Section 7.6	Section 7.8
	Control Saline Water Intrusion	Identification and Management of Wellhead Protection Areas and Recharge Areas	Regulating Contaminant Migration in Groundwater	Administratin of Well Abandonment and Well Destruction Programs	Mitigation of Groundwater Overdraft	Replenishment of Groundwater EXtracted by Producers	Monitoring and Controlling Groundwater Levels, Quality, and Storage	Facilitating Conjunctive Use Programs	Well Construction	Construction and Operation of Recharge, Storage, Conservation, Water Recycling, and EXtraction Projects	Development of Relationships with Local, State, and Federal Agencies	Review of Land Use Plans and Coordination with Land Use Planning Agencies	MGB Groundwater Monitoring Program	Adoption of Monitoring Protocols	Integration of Water Resources Management Activities	Regional Planning and Management	Formation of a Regional Management Group	Public Involvement	Development of Local, Regional, and Statewide Priorities	GMP Implementation Report	Periodic Evaluation of GMP
<b>Goal 1</b>																					
Protect and maintain groundwater quality with the MGB to meet current and future beneficial use.	X	X	X	X			X		X				X	X							
BMO 1.1 - Evaluate and monitor the quality of the MGB's eXisting groundwater supplies.	X		X				X						X	X							
BMO 1.2 - Develop a high resolution numerical model of the groundwater supply in the MGB							X														
<b>Goal 2</b>																					
Maintain groundwater quantities and eliminate conditions of long-term over draft in the MGB to ensure water supply reliability to meet current and future beneficial use.					X	X	X	X		X			X								
BMO 2.1 - Determine the eXtent and evaluate the quantity of the MGB's eXisting groundwater supply.							X						X								
BMO 2.2 - Determine the MGB's need for additional or improved water eXtraction, storage, conveyance, conservation, reuse, and intentional recharge facilities.		X			X	X				X											
BMO 2.3 - Promote in-lieu recharge of groundwater through conjunctive use of surface water.					X			X		X											
BMO 2.4 - Avoid subsidence through monitoring and use of alternative water resources.													X								
<b>Goal 3</b>																					
Protect and maintain the beneficial use of groundwater recharge areas within the MGB.		X	X	X																	
BMO 3.1 - Identify and evaluate natural recharge areas and potential intentional recharge areas within the MGB.		X																			
BMO 3.2 - Seek to change regulations to promote recharge of eXcess surface water.		X						X		X											
<b>Goal 4</b>																					
Manage the MGB with local control.												X			X		X				
BMO 4.1 - Provide information and guidance for the management, preservation, protection, and enhancement of the MGB.																	X	X		X	
BMO 4.2 - Provide a way to maintain local control of the region's groundwater resources.															X	X	X				
BMO 4.3 - Promote coordinated planning to make the best use of available water resources to meet the needs of the association's respective constituents and service territories in the mutual best interests of the inhabitants and resources of the MGB.											X	X			X	X	X		X		X
BMO 4.4 - Periodically update the the groundwater plan for the MGB for review and adoption by the appropriate agency or agencies.																					X