

APPENDIX A

DWR Preparation Checklist for GSP Submittal

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GSP Regulations Section	Water Code Section	Requirement	Description	Section(s) or Page Number(s) in the GSP
Article 3. Technical and Reporting Standards				
352.2		Monitoring Protocols	<ul style="list-style-type: none"> · Monitoring protocols adopted by the GSA for data collection and management · Monitoring protocols that are 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 	Section 3.5, Section 5.4.5, and Appendix E
Article 5. Plan Contents, Subarticle 1. Administrative Information				
354.4		General Information	<ul style="list-style-type: none"> · Executive Summary · List of references and technical studies 	Chapter ES, and "References Cited" section at end of each Chapter.
354.6		Agency Information	<ul style="list-style-type: none"> · GSA mailing address · Organization and management structure · Contact information of Plan Manager · Legal authority of GSA · Estimate of implementation costs 	Section 1.3 and Appendix B
354.8(a)	10727.2(a)(4)	Map(s)	<ul style="list-style-type: none"> · Area covered by GSP · Adjudicated areas, other agencies within the basin, and areas covered by an Alternative · Jurisdictional boundaries of federal or State land · Existing land use designations · Density of wells per square mile 	Figures 2.1-1 through 2.1-6
354.8(b)		Description of the Plan Area	<ul style="list-style-type: none"> · Summary of jurisdictional areas and other features 	Section 2.1.1
354.8(c)	10727.2(g)	Water Resource Monitoring and Management Programs	<ul style="list-style-type: none"> · Description of water resources monitoring and management programs 	Section 2.1.2
354.8(d)			<ul style="list-style-type: none"> · Description of how the monitoring networks of those plans will be incorporated into the GSP 	

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354.8(e)			· Description of how those plans may limit operational flexibility in the basin	
			· Description of conjunctive use programs	Section 2.1.6
354.8(f)	10727.2(g)	Land Use Elements or Topic Categories of Applicable General Plans	· Summary of general plans and other land use plans	Section 2.1.3
			· Description of how implementation of the GSP may change water demands or affect achievement of sustainability and how the GSP addresses those effects	Section 2.1.3
			· Description of how implementation of the GSP may affect the water supply assumptions of relevant land use plans	
			· Summary of the process for permitting new or replacement wells in the basin	Section 2.1.2
			· Information regarding the implementation of land use plans outside the basin that could affect the ability of the Agency to achieve sustainable groundwater management	Section 2.1.2 and Section 2.1.3
354.8(g)	10727.4	Additional GSP Contents	Description of Actions related to:	
			· Control of saline water intrusion	Section 2.1.6 and Section 2.2.2.3
			· Wellhead protection	Section 2.1.6 and Section 2.2.2.4
			· Migration of contaminated groundwater	Section 2.1.6, 2.2.2.4, and 2.2.4.1
			· Well abandonment and well destruction program	Section 2.1.2 and 2.1.6
			· Replenishment of groundwater extractions	Section 2.1.6 and 2.2.3.7
			· Conjunctive use and underground storage	Section 2.1.6 and Chapter 4
			· Well construction policies	Section 2.1.2

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			<ul style="list-style-type: none"> · Addressing groundwater contamination cleanup, recharge, diversions to storage, conservation, water recycling, conveyance, and extraction projects 	Section 2.1.6 , 2.2.2.4, 2.2.3, and 4.7.5
			<ul style="list-style-type: none"> · Efficient water management practices 	Section 2.1.6, and Section 4.3
			<ul style="list-style-type: none"> · Relationships with State and federal regulatory agencies 	Section 2.1.2 and 2.1.6
			<ul style="list-style-type: none"> · Review of land use plans and efforts to coordinate with land use planning agencies to assess activities that potentially create risks to groundwater quality or quantity 	Sections 2.1.2, 2.1.3, and 2.1.6
			<ul style="list-style-type: none"> · Impacts on groundwater dependent ecosystems 	Sections 2.1.6, 2.2.2.6, and 2.2.2.7; and Appendix D4
354.1		Notice and Communication	<ul style="list-style-type: none"> · Description of beneficial uses and users 	Section 2.1.4
			<ul style="list-style-type: none"> · List of public meetings 	Appendix C
			<ul style="list-style-type: none"> · GSP comments and responses 	Appendix G
			<ul style="list-style-type: none"> · Decision-making process · Public engagement · Encouraging active involvement 	Section 2.1.5
			<ul style="list-style-type: none"> · Informing the public on GSP implementation progress 	Section 2.1.5 and Section 5.4
			Article 5. Plan Contents, Subarticle 2. Basin Setting	
354.14		Hydrogeologic Conceptual Model	<ul style="list-style-type: none"> · Description of the Hydrogeologic Conceptual Model 	Section 2.2.1 and Figure 2.2-1
			<ul style="list-style-type: none"> · Two scaled cross-sections 	Figure 2.2-10
			<ul style="list-style-type: none"> · Map(s) of physical characteristics: topographic information, surficial geology, soil characteristics, surface water bodies, source and point of delivery for imported water supplies 	Figure 2.2-1 through Figure 2.2-9

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354.14(c)(4)	10727.2(a)(5)	Map of Recharge Areas	<ul style="list-style-type: none"> · Map delineating existing recharge areas that substantially contribute to the replenishment of the basin, potential recharge areas, and discharge areas 	Figure 2.2-11
	10727.2(d)(4)	Recharge Areas	<ul style="list-style-type: none"> · Description of how recharge areas identified in the plan substantially contribute to the replenishment of the basin 	Sections 2.2.1.4, 2.2.2.6, and 2.2.3.1
354.16	10727.2(a)(1) 10727.2(a)(2)	Current and Historical Groundwater Conditions	<ul style="list-style-type: none"> · Groundwater elevation data · Estimate of groundwater storage · Seawater intrusion conditions · Groundwater quality issues · Land subsidence conditions · Identification of interconnected surface water systems · · Identification of groundwater-dependent ecosystems 	Section 2.2.2
354.18	10727.2(a)(3)	Water Budget Information	<ul style="list-style-type: none"> · Description of inflows, outflows, and change in storage · Quantification of overdraft · Estimate of sustainable yield · Quantification of current, historical, and projected water budgets 	Section 2.2.3
	10727.2(d)(5)	Surface Water Supply	<ul style="list-style-type: none"> · Description of surface water supply used or available for use for groundwater recharge or in-lieu use 	Section 2.2.3.8
354.2		Management Areas	<ul style="list-style-type: none"> · Reason for creation of each management area · Minimum thresholds and measurable objectives for each management area · Level of monitoring and analysis · Explanation of how management of management areas will not cause undesirable results outside the management area 	Section 2.2.4, and Sections 3.3.1.3, 3.3.2.3, and 3.3.4.3

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GSP Regulations Section	Water Code Section	Requirement	Description	Section(s) or Page Number(s) in the GSP
			· Description of management areas	
Article 5. Plan Contents, Subarticle 3. Sustainable Management Criteria				
354.24		Sustainability Goal	· Description of the sustainability goal	Section 3.1.3
354.26		Undesirable Results	<ul style="list-style-type: none"> · Description of undesirable results · Cause of groundwater conditions that would lead to undesirable results · Criteria used to define undesirable results for each sustainability indicator · Potential effects of undesirable results on beneficial uses and users of groundwater 	Section 3.2, Appendix D4
354.28	10727.2(d)(1)	Minimum Thresholds	· Description of each minimum threshold and how they were established for each sustainability indicator	Sections 3.3.1.1, 3.3.2.1, and 3.3.4.1
	10727.2(d)(2)		· Relationship for each sustainability indicator	Sections 3.3.1.2, 3.3.2.2, and 3.3.4.2
			· Description of how selection of the minimum threshold may affect beneficial uses and users of groundwater	Sections 3.3.1.4, 3.3.2.4, and 3.3.4.4
			· Standards related to sustainability indicators	Section 3.3
			· How each minimum threshold will be quantitatively measured	Sections 3.3.1.6, 3.3.2.6, and 3.3.4.6
354.3	10727.2(b)(1)	Measureable Objectives	· Description of establishment of the measureable objectives for each sustainability indicator	Sections 3.4.1, 3.4.2, and 3.4.4
	10727.2(b)(2)		· Description of how a reasonable margin of safety was established for each measureable objective	Sections 3.4.1, 3.4.2, and 3.4.4
	10727.2(d)(1) 10727.2(d)(2)		· Description of a reasonable path to achieve and maintain the sustainability goal, including a description of interim milestones	Sections 3.4.1, 3.4.2, and 3.4.4
Article 5. Plan Contents, Subarticle 4. Monitoring Networks				
354.34	10727.2(d)(1)	Monitoring Networks	· Description of monitoring network	Section 2.2.2, Section 3.5 and Appendix E

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	10727.2(d)(2)		<ul style="list-style-type: none"> · Description of monitoring network objectives 	Section 3.5 and Appendix E
	10727.2(e)		<ul style="list-style-type: none"> · Description of how the monitoring network is designed to: demonstrate groundwater occurrence, flow directions, and hydraulic gradients between principal aquifers and surface water features; estimate the change in annual groundwater in storage; monitor seawater intrusion; determine groundwater quality trends; identify the rate and extent of land subsidence; and calculate depletions of surface water caused by groundwater extractions 	Section 3.5.1
	10727.2(f)		<ul style="list-style-type: none"> · Description of how the monitoring network provides adequate coverage of Sustainability Indicators 	Section 3.5.1
	<ul style="list-style-type: none"> · Density of monitoring sites and frequency of measurements required to demonstrate short-term, seasonal, and long-term trends · Scientific rational (or reason) for site selection · Consistency with data and reporting standards 		Section 3.5, Appendix E	
	<ul style="list-style-type: none"> · Corresponding sustainability indicator, minimum threshold, measureable objective, and interim milestone 		Section 3.3, 3.4, 3.5, and Appendix E	
	<ul style="list-style-type: none"> · 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 		Section 2.2.2, Table 2.2-4, Table 2.2-5, and Figure 2.2-12	

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			<ul style="list-style-type: none"> · Description of technical standards, data collection methods, and other procedures or protocols to ensure comparable data and methodologies 	Section 3.5, Appendix E
354.36		Representative Monitoring	<ul style="list-style-type: none"> · Description of representative sites 	Section 3.5.3 and Figure 3.3-1
			<ul style="list-style-type: none"> · Demonstration of adequacy of using groundwater elevations as proxy for other sustainability indicators 	Section 3.5.3 and Figure 3.3-1
			<ul style="list-style-type: none"> · Adequate evidence demonstrating site reflects general conditions in the area 	Section 3.5.3 and Figure 3.3-1
354.38		Assessment and Improvement of Monitoring Network	<ul style="list-style-type: none"> · Review and evaluation of the monitoring network · Identification and description of data gaps · Description of steps to fill data gaps · Description of monitoring frequency and density of sites 	Section 3.5.4
Article 5. Plan Contents, Subarticle 5. Projects and Management Actions				
354.44		Projects and Management Actions	<ul style="list-style-type: none"> · Description of projects and management actions that will help achieve the basin's sustainability goal 	Sections 4.2.1, 4.3.1, 4.4.1, 4.5.1, 4.6.1, and 4.7.1
			<ul style="list-style-type: none"> · Measureable objective that is expected to benefit from each project and management action 	Sections 4.2.2, 4.3.2, 4.4.2, 4.5.2, 4.6.2, and 4.7.2
			<ul style="list-style-type: none"> · Circumstances for implementation · Public noticing · Permitting and regulatory process 	Sections 2.1.2 and 2.1.5; and Appendix C
			<ul style="list-style-type: none"> · Time-table for initiation and completion, and the accrual of expected benefits 	Sections 4.2.4, 4.3.4, 4.4.4, 4.5.4, 4.6.4, and 4.7.4
			<ul style="list-style-type: none"> · Expected benefits and how they will be evaluated 	Sections 4.2.3, 4.3.3

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			<ul style="list-style-type: none"> 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. 	Sections 4.2.3, 4.3.3, 4.4.3, 4.5.3, 4.6.3, and 4.7.3; and Sections 4.2.5, 4.3.5, 4.4.5, 4.5.5, 4.6.5, and 4.7.5
			<ul style="list-style-type: none"> Legal authority required 	Section 1.3.2; and Appendix B
			<ul style="list-style-type: none"> Estimated costs and plans to meet those costs 	Section 5.1.4, and Sections 4.2.6, 4.3.6, 4.4.6, 4.5.6, 4.6.6, and 4.7.6
			<ul style="list-style-type: none"> Management of groundwater extractions and recharge 	Chapter 4
354.44(b)(2)	10727.2(d)(3)		<ul style="list-style-type: none"> Overdraft mitigation projects and management actions 	
Article 8. Interagency Agreements				
357.4	10727.6	Coordination Agreements - Shall be submitted to the Department together with the GSPs for the basin and, if approved, shall become part of the GSP for each participating Agency.	<p>Coordination Agreements shall describe the following:</p> <ul style="list-style-type: none"> A point of contact Responsibilities of each Agency Procedures for the timely exchange of information between Agencies Procedures for resolving conflicts between Agencies How the Agencies have used the same data and methodologies to coordinate GSPs How the GSPs implemented together satisfy the requirements of SGMA Process for submitting all Plans, Plan amendments, supporting information, all monitoring data and other pertinent information, along with annual reports and periodic evaluations 	Chapter 1, Appendix B, and Chapter 5. Organizational structure of the GSA (County and BWD) is simple, and there are no adjacent basins that are required to or expected to develop a GSP under SGMA

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			<ul style="list-style-type: none"> · A coordinated data management system for the basin · Coordination agreements shall identify adjudicated areas within the basin, and any local agencies that have adopted an Alternative that has been accepted by the Department 	GSP under SGVIA.