

12. RELATION TO LOCAL PLANNING

The ARB IRWMP was developed based upon the region's years of experience in regional water planning, and in many respects represents the culmination of a number of regional and/or sub-regional planning efforts. This IRWMP, and the projects and programs recommended herein, are based and dependent upon a number of local or agency/organization/purpose specific planning documents. As the participants in the region retain their abilities to make business and policy decisions, it is not the intent of the ARB IRWMP to usurp or take the place of local planning activities. Rather, local agencies will always need to prepare detailed planning documents for their agency purposes, and are in some cases required to prepare planning documents (e.g. UWMPs, master plans, specific plans) that are too detailed and focused to be conducted on a regional scale. As such, the ARB IRWMP seeks to achieve a harmonious balance between local and regional planning activities to maintain consistency and reduce overlap, while respecting the respective roles and processes of local and regional planning efforts. A plan for managing the interface between local and regional planning (and an information database) is described later in this section.

An overt goal of the ARB IRWMP is to create dynamic interactions between local and regional scale planning, affording vertical integration of all water-related planning in the region. These dynamics allow regional-scale planners to link small and large projects in a cost saving, environmentally conscientious manner. These planning and project linkages help ensure that projects are conceived and developed with multiple goals and objectives in mind whenever possible. By creating this planning dynamic and planning linkage, specific regional goals and objectives can be met with a big-picture understanding of how these projects or programs can work in terms of benefiting the overall region.

12.1. Local Planning Documents Form IRWMP Foundation

During its formation and development, the ARB IRWMP linked a number of data and water management strategies developed by existing local and/or sub-regional planning documents. These efforts were then built upon and integrated as the regional strategies and ideas presented in the IRWMP.

For context, examples of local planning documents reviewed when the IRWMP was developed include: City/County General and Specific Plans, UWMPs, GMPs, WSMPs, CIPs, Recycled Water Master Plans, project Environmental Impact Reports/Environmental Impact Studies (EIRs/EISs), Groundwater Storage Studies, State of the Basin Reports, and documents from previous regional cooperative efforts including

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the Water Forum, SAFCA, RWA, FRWA, SSCAWA, SGA, ARBCA, and ARBCUP. **Table 12.1** presents a more detailed list of documents considered in development of the ARB IRWMP.

Table 12.1 Major Planning Documents Considered in Development of the IRWMP

Document Title/Description	Publication Date	Agency/Entity	Relationship to IRWMP
American River Common Features	1997	USACE	Regional flood management planning document
American River Watershed Sanitary Survey 2003 Update Report	2003	Sacramento, PCWA, EID, SJWD, Folsom, Roseville, GSWC, CWD, SSWD, SCWA, EBMUD	Regional watershed survey document
ARBCA Phase I Report	1998	ARBCA	Collected and presented the initial set of regional water planning projects and strategies north of the American River
ARBCA Phase II Report	1999	ARBCA	Collected and presented the initial set of regional water planning projects and strategies north of the American River
ARBCA Final Report	2003	ARBCA	Collected and presented the initial set of regional water planning projects and strategies north of the American River
Cal-Am Northern Division UWMP	2005	Cal-Am	Local water supply planning document for Cal-Am that includes its service areas in the ARB IRWMP region
CWD UWMP	2005	CWD	Local water supply planning document for CWD
Central Sacramento County GMP	2006	CSCGF	Regional groundwater supply planning document for agencies overlying the Central groundwater Basin
CHWD UWMP	2005	CHWD	Local water supply planning document for CHWD
Capital Improvement Programs (CIPs)	Various	Various	Local planning documents for individual agency capital improvements
City of Folsom UWMP	2005	Folsom	Local water supply planning document for Folsom
City of Lincoln UWMP	2005	Lincoln	Local water supply planning document for Lincoln
City of Lincoln Draft GMP	2003	Lincoln	Local groundwater supply planning document for Lincoln
City of Roseville/PCWA Draft GMP	2006	Roseville, PCWA	Regional groundwater supply planning document for Roseville and PCWA
City of Roseville Recycled Water Distribution Feasibility Study	2000	Roseville	Local recycled water supply planning document for Roseville
City of Roseville UWMP	2006	Roseville	Local water supply planning document for Roseville
City of Roseville Water Master Plan Update	2002	Roseville	Local water supply planning document for Roseville
City of Sacramento Water Distribution System Master Plan	2005	Sacramento	Local water supply planning document for Sacramento

Table 12.1 (continued) Major Planning Documents Considered in Development of the IRWMP

Document Title/Description	Publication Date	Agency/Entity	Relationship to IRWMP
Cosumnes River Preserve Management Plan	2005	SCWA, TNC, Others	Local ecosystem management document
EID Administrative Draft Water Supply Master Plan	2001	EID	Local water supply planning document for EID
EID Capital Improvement Program	2003	EID	Local planning document for EID that includes planned water-related facilities and financial impacts
EID Wastewater Master Plan Update	2001	EID	Local wastewater system planning document for EID
EID Recycled Water Master Plan	2003	EID	Local recycled water planning document for EID
Elverta Specific Plan – Preliminary Water Supply Master Plan	2005	RLECWD	Local water supply planning document for RLECWD
Estimate of Annual Water Demand within the Sacramento County-Wide Area	1995	Sacramento County water agencies	Historical information for Section 2 – Region Description
Freeport Regional Water Project Final EIR and Final EIS	2005	SCWA, EBMUD	Regional environmental impact documents for the Freeport Regional Water Project
GSWC UWMP	2005	GSWC	Local water supply planning document for GSWC
OVWC UWMP	2005	OVWC	Local water supply planning document for OVWC
PCWA Integrated Water Resources Plan (Draft)	2005	PCWA	Local water supply planning document for PCWA
PCWA UWMP	2005	PCWA	Local water supply planning document for PCWA
PCWA Water Systems Infrastructure Plan	2003	PCWA	Local water supply planning document for PCWA
Recycled Water Study for the West Roseville Specific Plan Area	2003	Roseville	Local recycled water supply planning document for Roseville
RLECWD UWMP	2005	RLECWD	Local water supply planning document for RLECWD
Sacramento Area Water Forum WFA	2003	Water Forum	Summarized regional agreement relating to the Lower American River
Sacramento Groundwater Authority Groundwater Management Plan (GMP)	2003	SGA	Regional groundwater supply planning document for SGA members
Sacramento Groundwater Authority State of the Basin Report	2004	SGA	Updated description and information about the groundwater basin north of the American River.
Sacramento Regional County Sanitation District 2020 Master Plan	2000	SRCSA	Regional wastewater system planning document
Sacramento River Water Reliability Study Initial Alternatives Report Appendix A, Assessment of Water Supply Needs	2004	PCWA, SSWD, Sacramento, Roseville	Regional water supply planning document for SRWRS project
Sacramento River Water Reliability Study Initial Alternatives Report, Final Version	2005	PCWA, SSWD, Sacramento, Roseville	Regional water supply planning document for SRWRS project

Table 12.1 (continued) Major Planning Documents Considered in Development of the IRWMP

Document Title/Description	Publication Date	Agency/Entity	Relationship to IRWMP
Sacramento River Watershed Sanitary Survey 2000 Update Report	2000	Sacramento, West Sacramento	Regional watershed survey document
SCWA UWMP	2005	SCWA	Local water supply planning document for SCWA
SSWD UWMP	2005	SSWD	Local water supply planning document for SSWD
SJWD UWMP	2005	SJWD	Local water supply planning document for SJWD
SJWD Wholesale Master Plan Phase II	2005	SJWD	Regional water supply planning document for SJWD and its retail water purveyors
South Sacramento County Habitat Conservation Plan	2005	SCWA	Regional habitat conservation plan
The Nature Conservancy Memorandum of Agreement with Sacramento County	2005	SCWA, TNC	Regional ecosystem and water supply planning document for the Cosumnes River
Water Forum Agreement/EIR	2000	Water Forum	Regional agreement/water supply planning document
Water Forum 2001. Initial Fisheries and In-stream Habitat Management and Restoration Plan for the Lower American River (FISH Plan)	2001	Water Forum	Regional ecosystem restoration and management document
Western Placer County Groundwater Storage Study Final Report	2005	PCWA	Local groundwater supply planning document for PCWA/Western Placer County
Zone 40 Water Supply Master Plan	2005	SCWA	Local water supply planning document for SCWA
Zone 40 Groundwater Management Plan	2004	SCWA	Regional groundwater supply planning document for Zone 40

12.2. Relationship between Local Planning Documents to IRWM Strategies; Dynamics between Two Levels of Planning

As stated previously, the ARB IRWMP is intended to serve as a unifying document for previous local and regional planning efforts. It is not intended to supersede any of these documents, but to combine them into one overarching regional planning document and serve as the next increment of coordinated regional planning. As a unifying document with multiple participant and stakeholder involvement, it combines previous planning efforts with new broader objectives and priorities, making the IRWMP consistent with established local and regional planning programs of the region. To support the projects and programs recommended in the ARB IRWMP, **Table 12.2** lists the local planning document(s) which support the recommended projects or programs. For many projects and programs in the projects/programs list, the local planning document is listed as ongoing. Ongoing projects/programs are typically included in each

agency's operating budget and may be continuous programs or have regular updates automatically planned for the future.

The water management strategy or strategies associated with each project/program are detailed in **Section**

4. The water management strategies include:

- Water supply reliability
- Groundwater management
- Water quality protection and improvement
- Ecosystem restoration
- Conjunctive use
- Environmental and habitat protection and improvement
- Storm water capture and management
- Flood management
- Water recycling
- Water conservation
- Water and wastewater treatment
- Wetlands enhancement and creation
- Recreation and public access
- Non-Point Source (NPS) pollution control
- Watershed planning
- Land use planning

It is important to note that there are several regional projects and programs currently in the conceptual or preliminary planning phase, beyond those listed in **Table 12.2**. For these projects and programs, a combination of local and regional planning efforts will be used to guide project development to ensure consistency with this IRWMP and regional priorities. As these projects mature over time, any data or information that is developed will be used to supplement the IRWMP. The proposed regular update procedure for the IRWMP described in **Section 6** will be used to guide the regular updating and refinement of the IRWMP. The same process will be used to ensure consistency and maintain linkages with local projects and local planning needs. To ensure consistency with local planning, whenever information from local planning efforts are incorporated and extrapolated for regional purposes, the authoring or affected agency is given the opportunity to review the IRWMP section to ensure the information is characterized correctly. This process will ensure the integration of local and regional planning through the participating agencies.

Table 12.2 Local Planning Documents Which Support Projects and Programs in ARB IRWMP

Projects and Programs	Responsible Agency(ies)	Local Planning Document(s)
Zone 40 Groundwater Management Plan	SCWA	CSCGMP
El Dorado Water and Power Authority Projects/Programs/Activities	El Dorado Water and Power Authority	Ongoing
Initial Fisheries and In-Stream Habitat (FISH) Management and Restoration Plan for the Lower American River	Water Forum Successor Effort	Water Forum Agreement, Water Forum 2001 FISH Plan
Folsom Dam Outlet Modifications	U.S. Bureau of Reclamation, SAFCA, local sponsors	American River Common Features
Sacramento River Pioneer Reservoir Sites	SAFCA	American River Common Features
Laguna Creek Watershed Assessment	SCWA	American River Common Features
Peterson Water Treatment Plant Improvements	SJWD	ARBCA Final Report, SJWD UWMP, SJWD Wholesale Master Plan
East Bank Levee Widening Project at RM 78.1	SAFCA	American River Common Features
Pocket Area Levee Underseepage	SAFCA	American River Common Features
South Sacramento Streams Group Levee Project	SAFCA	American River Common Features
Folsom Dam Mini-Raise	U.S. Army Corps of Engineers, SAFCA	American River Common Features
Bajamont Water Treatment Plant Expansion	CWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, CWD UWMP, CWD CIP
Pocket Area - Sacramento River Erosion Sites	SAFCA	American River Common Features
Carriage/Lauppe Transmission Main Project	CHWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, CHWD CIP
Central Sacramento County Groundwater Management Plan	SCWA	Zone 40 GMP (Ongoing)
Lincoln Recycled Water Distribution Pipeline Expansion - Western Placer County	City of Lincoln	Lincoln UWMP, City of Lincoln Draft GMP
Rosemont Conjunctive Use Pipeline	City of Sacramento	City of Sacramento Water Distribution System Master Plan
Vineyard-Florin Gap Conjunctive Use Pipeline	City of Sacramento	City of Sacramento Water Distribution System Master Plan
Cosumnes and Mokelumne Rivers Floodplain Integrated Resources Management Plan	SSCAWA	Cosumnes River Preserve Management Plan
Cosumnes River Fish Passage Project	SSCAWA	Cosumnes River Preserve Management Plan
Cosumnes River Flow Augmentation Project	SCWA	Cosumnes River Preserve Management Plan, TNC MOA with Sacramento County
SSWD Demand Management Study	SSWD	Water Forum Agreement
Recycled Water Program Storage Reservoir	EID	EID UWMP, EID Recycled Water Master Plan, EID Admin. Draft WSMP, EID CIP
Ethan Way/Silica Avenue Conjunctive Use Pipeline	City of Sacramento	City of Sacramento Water Distribution System Master Plan
City of Galt Wastewater Treatment Facilities Plan	City of Galt	South Sacramento County GMP (ongoing)
Gardenland Flood Management, Habitat Restoration, and Recreation Project	SAFCA	American River Common Features
Mariposa/Madison Transmission Main Project	CHWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, CHWD UWMP
Memorandum of Agreement for the Management for Water and Environmental Resources Associated with the Lower Cosumnes River	SSCAWA	TNC MOA with Sacramento County, Cosumnes River Preserve Management Plan
Mesa Verde Groundwater Production Well	CHWD	ARBCA Final Report, CHWD UWMP
Mitchell Farms Blending and Storage Facility	CHWD	ARBCA Final Report, CHWD UWMP
Palm Avenue Blending and Storage Facility	CHWD	ARBCA Final Report, CHWD UWMP
TNC River Management and Conjunctive Management Opportunities of the Cosumnes River	TNC	Cosumnes River Preserve Management Plan, TNC MOA with Sacramento County
Lincoln Recycled Water Distribution System Expansion - Southwest Placer County	City of Lincoln	Lincoln UWMP, City of Lincoln Draft GMP
Wildhawk Groundwater Treatment Plant	SCWA	SCWA UWMP, Zone 40 WSMP, CSCGMP
Groundwater Production Well Project	SSWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, SSWD UWMP
Eastern Sacramento County Replacement Water Supply Project	SCWA	CSCGMP
Freeport Regional Water Project	FRWA	FRWP EIR/EIS
Groundwater Production Well Project	OVWC	OVWC UWMP, SJWD Wholesale Master Plan
Fair Oaks Boulevard Groundwater Production Well	CHWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, CHWD UWMP
Old Auburn Road Groundwater Production Well	CHWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, CHWD UWMP
Woodcreek North Aquifer Storage and Recovery Project	City of Roseville	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, Roseville UWMP
Groundwater Production Well Improvement Project	OVWC	OVWC UWMP, SJWD Wholesale Master Plan
Cosumnes River Preserve Management Plan	TNC	TNC MOA with Sacramento County
Lower Sacramento Regional Project	SAFCA	American River Common Features
River Corridor Management Plan	Water Forum Successor Effort	Water Forum Agreement
Sacramento Stormwater Management Program & Activities	City of Sacramento, SCWA	Sacramento River Watershed Sanitary Survey 2000 Report

Table 12.2 (continued) Local Planning Documents Which Support Projects and Programs in ARB IRWMP

Projects and Programs	Responsible Agency(ies)	Local Planning Document(s)
Roseville/Citrus Heights Pipeline Interconnection	CHWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, CHWD UWMP
Roseville Water Treatment Plant Expansion	City of Roseville	Roseville UWMP, City of Roseville Water Master Plan Update
South Sacramento County Basin Groundwater Management Plan	SSCAWA	Ongoing
SRCSO Water Recycling Master Plan	SRCSO	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, SRCSO 2020 Master Plan
SSWD Water Resources Strategic Plan	SSWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report
Twin Oaks Avenue Groundwater Production Well	CHWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, CHWD UWMP
Mayhew Drain Levee	SAFCA	American River Common Features
Water Forum Successor Effort	Water Forum Successor Effort	Water Forum Agreement
North Delta Flood Control Studies	SAFCA	American River Common Features
The Lower American River Habitat Management Plan	Water Forum Successor Effort	Water Forum Agreement
Mission Avenue Pipeline Interconnection - Sacramento Suburban	CWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, CWD UWMP, CWD CIP
Groundwater Monitoring Wells for Contaminant Plume Containment	CWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, CWD UWMP, CWD CIP
Sunset Industrial Area Groundwater Supply Improvements	PCWA	PCWA IWRP, Western Placer County Groundwater Storage Study
East Elk Grove Groundwater Treatment Plant	SCWA	SCWA UWMP, Zone 40 WSMP, CSCGMP
Indian River/Flaming Arrow Conjunctive Use Pipeline	SSWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report
SRCSO Water Recycling Betterment and Expansion Project (Phase II Project & Bartley Cavanaugh Golf Course)	SRCSO, City of Sacramento	SRCSO WRMP (Ongoing), SRCSO 2020 Master Plan
Mayhew Floodplain Environmental Enhancement Project	SAFCA	American River Common Features
Mission Avenue Pipeline Interconnection - Citrus Heights	CWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, CWD CIP
Sacramento County Stormwater Quality Program, 2003 Stormwater Quality Improvement Plan, & Activities	County of Sacramento	Sacramento River Watershed Sanitary Survey 2000 Report
Water Purveyor Implementation of Best Management Practices (BMPs)	Water Forum Successor Effort, Water Purveyors	Water Forum Agreement, Agency UWMPs
Steelhead Creek Wetland Improvement Project	SAFCA	American River Common Features
Cosumnes River Watershed Inventory and Assessment	Sloughhouse Resource Conservation District and Cosumnes River Task Force	Cosumnes River Preserve Management Plan, South Sacramento Habitat Conservation Plan
American River Parkway Plan	County of Sacramento	Ongoing
Aquifer Storage and Recovery (ASR) -- City of Roseville	City of Roseville	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, Roseville UWMP
City of Roseville Dry Creek Corridor Plan	City of Roseville	Roseville UWMP
City of Roseville Water Recycling Program and Projects	City of Roseville	Roseville UWMP, Roseville Recycled Water Distribution Feasibility Study, Roseville Water Master Plan Update
Recycled Water Program Expansion	City of Roseville	Roseville UWMP, Recycled Water Study for the West Roseville Specific Plan Area
Del Webb Well	City of Roseville	Roseville UWMP, City of Roseville/PCWA Draft GMP
Dry Creek Project	City of Roseville	Roseville UWMP, City of Roseville WSMP Update
HP Well	City of Roseville	Roseville UWMP, City of Roseville/PCWA Draft GMP
Meter Retrofitting Program & Activities (e.g., meter installation)	City of Roseville	Water Forum Agreement, Roseville UWMP
North Industrial Storage Tank	City of Roseville	Roseville UWMP, City of Roseville WSMP Update
Northeast Storage Tank	City of Roseville	Roseville UWMP, City of Roseville WSMP Update
Stoneridge Zone 2 Storage Tank	City of Roseville	Roseville UWMP, City of Roseville WSMP Update
Water Distribution Facilities - North Central Specific Plan Area	City of Roseville	Roseville UWMP, City of Roseville WSMP Update
West Roseville Specific Plan (Annexation Area) - 4 Wells	City of Roseville	Roseville UWMP, City of Roseville/PCWA Draft GMP
West Roseville Specific Plan Storage Tank	City of Roseville	Roseville UWMP, City of Roseville WSMP Update
Woodcreek West Aquifer Storage and Recovery Project	City of Roseville	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, Roseville UWMP, City of Roseville/PCWA Draft GMP
Western Placer County Groundwater Management Plan (Revision)	City of Roseville, PCWA, City of Lincoln	Western Placer County Groundwater Storage Study Final Report
Sacramento River Water Reliability Study (SRWRS)	City of Sacramento, City of Roseville, SSWD, PCWA	Sacramento River Water Reliability Study Initial Alternatives Report, ARBCA Final Report, PCWA UWMP
PCWA Watershed Study	PCWA	PCWA IWRP
Foothill 2 Water Treatment Plant Construction Project	PCWA	PCWA CIP, PCWA WSIP
American River Water Supply Project	PCWA	PCWA UWMP, PCWA WSIP
Meter Retrofitting Program & Activities (e.g., meter installation)	PCWA	Water Forum Agreement
PCWA East Loomis Basin Project	PCWA	Water Forum Agreement, PCWA IWRP
PCWA Federal Energy Regulatory Commission Re-Licensing	PCWA	PCWA IWRP

Table 12.2 (continued) Local Planning Documents Which Support Projects and Programs in ARB IRWMP

Projects and Programs	Responsible Agency(ies)	Local Planning Document(s)
PCWA Water Supply Infrastructure Plan (WSIP)	PCWA	PCWA IWRP
PCWA/SSWD Pipeline Interconnection	PCWA	PCWA WSIP
Wellhead Treatment for Arsenic Removal	RLECWD	RLECWD UWMP
Regional Pipeline for Surface Water	RLECWD	ARBCA Final Report, RLECWD UWMP, Elverta Specific Plan Prelim. WSMP
Replace Existing Wells/Install New Wells	RLECWD	ARBCA Final Report, RLECWD UWMP, Elverta Specific Plan Prelim. WSMP
Rio Linda/Elverta Groundwater Recharge Project	RLECWD	ARBCA Final Report, RLECWD UWMP, Elverta Specific Plan Prelim. WSMP
Storage Tank	RLECWD	ARBCA Final Report, RLECWD UWMP, Elverta Specific Plan Prelim. WSMP
Water Agreement between SSWD and RLECWD	SSWD, RLECWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report
SRCSO Recycled Water Program Expansion - Delta Shores	SRCSO, City of Sacramento	SRCSO WRMP (Ongoing), SRCSO 2020 Master Plan
Capital Improvement Plans (CIPs)	Water Purveyors	Ongoing
Urban Water Management Plans (UWMPs)	Water Purveyors	Ongoing
Water Supply Master Plans	Water Purveyors	Ongoing
County of Sacramento Low Flow Drainage Project	County of Sacramento	American River Watershed Sanitary Survey 2003 Report
Lower American River Task Force	SAFCA	American River Watershed Sanitary Survey 2003 Report
North Area Round Table	SAFCA	American River Watershed Sanitary Survey 2003 Report
Sacramento River Corridor Planning Forum	SAFCA	Sacramento River Watershed Sanitary Survey 2000 Report
Sacramento Stormwater Quality Partnership	County of Sacramento; Cities of Sacramento, Citrus Heights, Elk Grove, Folsom, Galt, and Rancho Cordova	Sacramento River Watershed Sanitary Survey 2000 Report
"Mr. Leaky"	RWA	Water Forum Agreement
City of Folsom Sphere of Influence Water Supply Investigation	City of Folsom	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, Folsom UWMP
City of Folsom Water Management Strategy for Dry-year Reliability	City of Folsom	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, Folsom UWMP
Cosumnes River Blvd. Transmission Main	City of Sacramento	City of Sacramento Water Distribution System Master Plan
El Centro Transmission Main	City of Sacramento	City of Sacramento Water Distribution System Master Plan
Fairbairn Intake Pump to serve City of Sacramento and SCWA Zone 40	City of Sacramento	City of Sacramento Water Distribution System Master Plan
Fairbairn Water Treatment Plant Intake Pump to serve Cal-Am/Rosemont and Parkway service areas	City of Sacramento	City of Sacramento Water Distribution System Master Plan
Fairbairn Water Treatment Plant-Florin Connector (South Cross Tie)	City of Sacramento	City of Sacramento Water Distribution System Master Plan
Meter Retrofitting Program & Activities (e.g., meter installation)	City of Sacramento	Water Forum Agreement, City of Sacramento Water Distribution System Master Plan
North Cross Tie	City of Sacramento	City of Sacramento Water Distribution System Master Plan
Panhandle Transmission Main	City of Sacramento	City of Sacramento Water Distribution System Master Plan
South City Reservoir and Pump Station	City of Sacramento	City of Sacramento Water Distribution System Master Plan
EID Water Recycling Program	EID	EID UWMP, EID Recycled Water Master Plan, EID Admin. Draft WSMP, EID CIP
Water Loss Reduction Project	EID	EID UWMP, EID Admin. Draft WSMP
Regional Water Authority American River Basin Conjunctive Use Program (ARBCUP)	Participating Water Purveyors	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report
American River Basin Cooperating Agencies (ARBCA) Regional Water Master Plan (RWMP)	Participating Water Purveyors	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report
RMCSO Water Recycling Program	RMCSO	CSCGMP
RWA Training Program	RWA	Ongoing
RWA Water Efficiency Program (WEP)	RWA	Water Forum Agreement
"Be Water Wise" Program	RWA, The Sacramento Bee	Ongoing
Sacramento Area Council of Governments (SACOG) Blueprint	SACOG	Ongoing
Habitat Conservation Plans (HCPs) -- Placer Legacy, Natomas Basin, South Sacramento	Various agencies	South Sacramento Habitat Conservation Plan
Water Efficient Landscape (WEL) Garden Program	Various water purveyors	Water Forum Agreement
IGSM Hydrologic Model Refinement	SGA, SCWA, SSCAWA	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report
Stone Lake Wildlife Refuge	Various local/regional agencies	South Sacramento Habitat Conservation Plan
Anatolia Groundwater Treatment Plant	SCWA	SCWA UWMP, Zone 40 WSMP, CSCGMP
City of Sacramento (POU) North Vineyard - Storage and Booster Pump	SCWA	SCWA UWMP
Franklin Groundwater Treatment Plant	SCWA	SCWA UWMP, Zone 40 WSMP, CSCGMP

Table 12.2 (continued) Local Planning Documents Which Support Projects and Programs in ARB IRWMP

Projects and Programs	Responsible Agency(ies)	Local Planning Document(s)
Big Horn Groundwater Treatment Plant	SCWA	SCWA UWMP, Zone 40 WSMP, CSCGMP
SRWRS Elverta Diversion	Various water purveyors and agencies/organizations	Sacramento River Reliability Study Initial Alternatives Report
SGA Groundwater Management Plan (GMP)	SGA	Ongoing
Water Forum Agreement (WFA) State of the River Report	Water Forum Successor Effort	Water Forum Agreement
Sunrise Douglas (Sun creek) Groundwater Treatment Plant	SCWA	SCWA UWMP, Zone 40 WSMP
Zone 50 Infrastructure	SCWA	SCWA UWMP
General Plans	Various agencies	Ongoing
Vineyard Surface Water Treatment Plant	SCWA	SCWA UWMP, Zone 40 WSMP
Bond Groundwater Treatment Plant	SCWA	SCWA UWMP, Zone 40 WSMP, CSCGMP
Laguna Ridge (Whitelock) Groundwater Treatment Plant	SCWA	SCWA UWMP, Zone 40 WSMP, CSCGMP
Poppy Ridge Groundwater Treatment Plant	SCWA	SCWA UWMP, Zone 40 WSMP, CSCGMP
Sheldon Road Storage	SCWA	SCWA UWMP, Zone 40 WSMP
SGA Data Management System (DMS)	SGA	SGA State of the Basin Report, SGA GMP
SGA Measuring and Monitoring Program	SGA	SGA State of the Basin Report, SGA GMP
SGA Contaminant Committee	SGA	SGA State of the Basin Report, SGA GMP
Water Accounting Framework	SGA	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, SGA State of the Basin Report, SGA GMP
Aquifer Storage and Recovery (ASR) Program -- SSWD	SSWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report
City of Sacramento Transmission Main	SSWD	ARBCA Phase I, ARBCA Phase II, ARBCA Final Report, SSWD UWMP
Environmental/Community Organization Interests and Activities	Various organizations	American River Watershed Sanitary Survey 2003 Report, Sacramento River Watershed Survey 2000 Report
Western Placer County Groundwater Storage Study	PCWA	Ongoing
West Side Tank and Pump Station Project	City of Roseville	Roseville WSMP Update, Roseville CIP
Water System Rehabilitation Program	City of Roseville	Roseville WSMP Update, Roseville CIP
Water System Security	City of Roseville	Ongoing
Water Supply Strategy Sierra Vista and Creek View Specific	City of Roseville	Ongoing
Water Forum Agreement (WFA)	Water Forum	Water Forum Agreement
Upgrade Water Main	City of Roseville	Roseville WSMP Update, Roseville CIP
Sunrise Side-Channel Enhancement Project	Water Forum Successor Effort	Water Forum Agreement
SSCAWA Groundwater Management Plan	SSCAWA	Ongoing
ARB IRWMP Implementation	RWA, FRWA	All documents listed in Table 12.1
City of Elk Grove Stormwater Quality Program and Activities	City of Elk Grove	Ongoing
City of Folsom Stormwater Quality Program and Activities	City of Folsom	Ongoing
City of Lincoln Regional Wastewater Treatment and Reclamation Facility Expansion	City of Lincoln	Lincoln UWMP, City of Lincoln Draft GMP
City of Roseville Stormwater Management Program and Activities	City of Roseville	Ongoing
City of Sacramento Stormwater Quality Improvement Program	City of Sacramento	Ongoing
Northridge Water Line	City of Roseville	Roseville WSMP Update, Roseville CIP
PCWA Integrated Water Resources Plan	PCWA	Ongoing
Placer County Stormwater Quality Program, Plan, and Activities	Placer County	Ongoing
Pleasant Grove Wastewater Treatment Plant Expansion	City of Roseville	Roseville WSMP Update, Roseville CIP
SRCSD Water Recycling Program	SRCSD	SRCSD 2020 Master Plan
SRCSD Water Recycling Project (Phase I Project)	SRCSD, City of Sacramento	SRCSD 2020 Master Plan

12.3. Coordination with Local Land-Use Planning Decision-Makers

All water management planning efforts in the region take into consideration land use plans identified in the approved General Plans for each city/county. The ARB IRWMP was prepared, and will be updated in the future by continuing to coordinate with local land-use planning decision makers regarding growth projections and resource demands. Land use planning projections provide the basis for establishing water supply projections and identifying habitat areas that will need to be protected against impacts associated with urban development. Land use plans will continue to play an important role in developing effective water management strategies for the region.

Land use decision making processes are important powers of incorporated cities and counties and are valued as such. While state law currently requires detailed water supply assessments for water supply reliability (SB 610 & SB 221) when land use changes are considered, cities and counties tend to protect land use decision authority—often vehemently. Notwithstanding, land use planning practices can be improved by a careful review of the linkages between land use and development decisions and water supply availability and reliability. The availability of water supplies, protection of water resource features such as streams, wetlands and recharge areas, and policies and regulations about water quality, drainage and flooding all play a role in future development. The greater Sacramento, Placer and El Dorado region has vast experience in collaborative regional planning efforts that do not impinge upon local land use decision making. Rather, agencies from the region have learned to navigate these politically charged waters (SACOG and SAFCA) to the greater benefit of the region. Several of the IRWMP participants have participated in the SACOG Blueprint Process, a process used to plan for and guide the growth in the area over the next 50 years.

The region has also created an integrated approach as part of a regional water supply and environmental protection program through the WFA. The WFA specifies how much water and the type of supply each of the area's water purveyors can use over the next 30 years. The parties agreed to create a procedure to track water supply and demand and formally integrate land use planning and water supply decisions on a "real time" basis as part of the Water Forum Successor Effort. The Water Forum Successor Effort has carried this work forward since the year 2000 and has established a tracking and reporting procedure for water purveyors and land use agencies. The land use information in this IRWMP will be updated in conjunction with established Water Forum Successor efforts, to minimize redundancy and maximize coordination.