

AUTHORIZING AND ELIGIBILITY REQUIREMENTS

Project Consistency with an Adopted Plan

All of the projects listed in this proposal are included in the most recent project list (**Attachment 1j**) adopted by the Authority Board on May 30, 2014. The Project Review Process identified in Section 7.1 of the adopted IRWMP was followed to develop the IRWM project list. As noted on Page 7-1 of the adopted IRWMP, "Because of the continual efforts by Members and Interested Parties to develop new projects and further refine existing projects, new and revised projects are considered and approved by the Board on a quarterly basis and the Board includes the project list in its Annual Report." The adopted project list (**Attachment 1j**) is not ranked. A copy of the minutes from the Board Meeting at which the project list was adopted is included with **Attachment 1j**. **Table 1-2** identifies the location of the projects proposed in this application on the project list.

Table 1-1: Project List			
No.	Project	Agency Implementing	Number on May 2014 Project List (not ranked)
A	Adams and Academy Basin ¹	Consolidated Irrigation District	36
B	Nielsen Recharge Basin	City of Fresno	11
C	Regional Groundwater Recharge and Surface Water Reuse Project	Fresno Metropolitan Flood Control District	133
D	Water Conservation and Meter Project	East Orosi Community Service District	132
E	Water Conservation and Meter Project	Sultana Community Service District	135

¹The project name has been updated from "Recharge Pond near Kingsburg/Selma Branch Canal Divide", as shown on the Project List.

To identify the projects to be included in this application, the Authority followed the process identified in Section 7.2 of the adopted IRWMP. Each of the projects is consistent with the adopted IRWMP, and addresses several of the Goals and Measurable Objectives of the Authority's IRWMP utilizing multiple Resource Management Strategies.

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Table 1-3 identifies which of the Regional Goals of the adopted IRWMP that each project is consistent with.

Table 1-2: Regional Goals						
No.	Proponent - Project	RG 1 - Halt, and ultimately reverse, the current overdraft and provide for sustainable management of surface and groundwater	RG 2 - Increase the water supply reliability, enhance operational flexibility, and reduce system constraints	RG 3 - Improve and protect water quality	RG 4 - Provide additional flood protection	RG 5 - Protect and enhance aquatic ecosystems and wildlife habitat.
A	CID - Adams and Academy Basin	P	S	S	S	S
B	Fresno - Nielsen Recharge Basin	P	P	S	S	S
C	FMFCD - Regional Groundwater Recharge	P	S	S	S	S
D	EOCSD - Water Conservation and Meter	P	S	S		
E	SCSD - Water Conservation and Meter	P	S	S		
P = Primary. The Primary Regional Goal of the Adopted IRWMP that the project addresses. S = Secondary. All of the Secondary Regional Goals of the Adopted IRWMP that the project addresses.						

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Table 1-4 identifies the primary and secondary Measurable Objectives of the adopted IRWMP that each project will address.

Table 1-3: Measurable Objectives					
Measurable Objective	Project Proponent - Name				
	A CID: Adams & Academy Basin	B Fresno: Nielsen Basin	C FMFCD: Regional Groundwater Recharge	D EOCSD: Water Conservation & Meter Project	E SCSD: Water Conservation & Meter Project
MO 1 - Increase amount of groundwater in storage with intent to eliminate the groundwater overdraft in 20 years	S	P	P	P	P
MO2 - Identify opportunities and Projects	S				
MO3 - Identify DAC priority needs and promote/support solutions to DAC water issues	S			S	S
MO4 - Increase average annual supply and reduce demand	S	S	S	S	S
MO5 - Increase dry year supply	P	S	S	S	S
MO6 - Increase regional conveyance capacity	S	S	S		
MO7 - Compile baseline water quality data for ground & surface water	S				
MO8 - Encourage Best Management Practices, policies & education that protect water quality	S			S	S
MO9 - Identify sources of water quality problems & promote/support solutions to improve water quality	S			S	S
MO10 - Increase surface storage	S	S	S		
MO11 - Sustain the Kings River Fisheries Management Program	S				
MO12 - Pursue opportunities to incorporate habitat benefits into projects	S	S	S		
MO13 - Increase public awareness of IRWM Efforts	S				
MO14 - Involve local water districts and land use agencies in generating and confirming the current and future water needs to ensure compatibility and consistency with land use and water supply plans.	S	S	S		
MO15 - Comply with SBx7-7	S			S	S

P = Primary. The Primary Regional Goal of the Adopted IRWMP that the project addresses.
S = Secondary. All of the Secondary Regional Goals of the Adopted IRWMP that the project addresses.

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The Kings Basin actively uses 27 of the 33 Resource Management Strategies from the 2009 California Water Plan Update. **Table 1-5** identifies the Resource Management Strategies that apply to each project.

Table 1-4: Resource Management Strategies							
Category	Strategy	Applicable to Region	Project/Proponent				
			A CID	B Fresno	C FMFCD	D EOCS D	E SCSD
Reduce water demand	Agricultural water use efficiency	X	X				
	Urban water use efficiency	X			X	X	X
Improve operational efficiency and transfers	Conveyance - Delta						
	Conveyance - regional/local	X			X		
	Water transfers	X	X				
Increase water supply	Conjunctive management and groundwater storage	X	X	X	X		
	Desalination						
	Precipitation enhancement	X					
	Recycled municipal water	X					
	Surface storage - CALFED						
Improve water quality	Surface storage - regional/local	X	X	X	X		
	Drinking water treatment and distribution	X					
	Groundwater remediation/Aquifer remediation	X		X	X	X	X
	Matching quality to use	X			X	X	X
	Pollution prevention	X					
	Salt and salinity management	X					
Improve flood management	Urban runoff management	X			X		
	Flood risk management	X	X		X		
Practice resource stewardship	Agricultural lands stewardship	X					
	Economic incentives (loans, grants & water pricing)	X				X	X
	Ecosystem restoration	X	X				
	Forest management	X					
	Land use planning and management	X	X				
	Recharge area protection	X	X	X	X		
	Water-dependent recreation	X					
	Watershed management	X			X		
Other strategies	Crop idling for water transfers	X					
	Dewvaporation or atmospheric pressure desalination						
	Fog collection						
	Irrigated land retirement	X					
	Rainfed agriculture	X					
	Waterbag transport/storage technology						
	Drought planning	X	X	X	X	X	X

Attachment 1j

Upper Kings IRWMP Project List (5/30/14) and Adoption Documentation

**Upper Kings Basin Integrated Regional Water Management Authority
Special Board Minutes, May 30, 2014
Kings River Conservation District, 4886 E. Jensen Ave., Fresno, CA 93725**

Minutes of the Special Meeting of the Board of the Upper Kings Basin Integrated Regional Water Management Authority (Water Authority) held May 30, 2014.

1. Call to order

Chair Harry Armstrong called the meeting to order at 9:31 am. Armstrong noted that there was a quorum.

Directors/Alternate Directors Present:

Chris Kapheim, Alta Irrigation District (alternate)
Ken Moore, City of Kerman (alternate)
Dean Uota, City of Dinuba (alternate)
Denise England, County of Tulare (alternate)
Bernard Jimenez (alternate)
Harry Armstrong, City of Clovis
Frank Fowler, Fresno Metropolitan Flood Control District (alternate)
Phil Desatoff, Consolidated Irrigation District (alternate)
Gary Serrato, Fresno Irrigation District (alternate)
Roseann Galvan, City of Selma (alternate)
Mary Fast, City of Reedley
Dennis Mills, Kings County Water District (alternate)

Members Absent:

City of Parlier
City of Fresno
Kings River Conservation District
City of Sanger

Interested Parties Present:

Sue Ruiz, Easton Community Services District
Kathy Wood McLaughlin, Tulare Basin Wildlife Partners
Maria Herrera, Community Water Center
Shay Bakman, Bakman Water Company
Phil Desatoff, City of Kingsburg
Cruz Ramos, City of San Joaquin

Interested Parties Absent:

Biola Community Services District
California Native Plant Society, Sequoia Chapter
California State University, Fresno
City of Orange Cove
County of Kings
Cutler Public Utilities District
East Orosi Community Services District
El Rio Reyes Conservation Trust
Fresno County Farm Bureau
Hardwick Water Company
James Irrigation District
Kings River Conservancy
Kings River Water Association
Laguna Irrigation District
Liberty Canal Company
Liberty Water District

London Community Services District Malaga County
Water District
Mid-Valley Water District
Orange Cove Irrigation District
Orosi Public Utilities District
Raisin City Water District
Riverdale Irrigation District
Riverdale Public Utility District
Sanger Environmental Fund
Self-Help Enterprises
Sierra Club, Tehipite Chapter
Sierra Resource Conservation District
Sultana Community Services District
Terranova Ranch, Inc.
UC Cooperative Extension - Fresno

Others Present:

Eric Osterling, KRCD
Cristel Tufenkjian, KRCD
Ron Samuelian, Provost & Pritchard
Alan Hoffman, Fresno Metropolitan Flood Control Dist.
Jason Clarke, Fresno Metropolitan Flood Control Dist.
Ryan Jensen, Community Water Center
Jerry Lakeman, Fresno Metropolitan Flood Control Dist.

Rey Empleo, City of Clovis
Lisa Koehn, City of Clovis
Bill Stretch, Fresno Irrigation District
Kristen Freberg, Assembly Member Jim Patterson
Kevin Fabino, City of Reedley
Heather Bashian, Provost & Pritchard

2. Addition to or Deletion from the Agenda

None

3. Public Presentations

Interested Party Representative Maria Herrera reported that the Tulare County DAC water study is almost completed. Herrera reported that reports are out for public comment. Herrera reported two final meetings are scheduled. The first meeting is scheduled for June 23 for reviewing the final draft report and recommendations. The final meeting for the study is scheduled for August 11.

Alternate Director Kapheim reported that the engineering studies are being completed for the surface water treatment plant. Kapheim reported that they are working on the governance and funding with the Governor's office.

4. Request to modify the IRWMP Project List

Chair Armstrong called on staff member Eric Osterling to report on the modification of the IRWMP Project List. Osterling reported that the Project Selection Panel reviewed the projects and that they are consistent with the Kings Basin IRWMP Goals and Objectives. Osterling reported that the Advisory Committee recommends that the Board add the projects to the IRWMP Project List. Osterling reported that the projects included the Fresno Metropolitan Flood Control District Regional Groundwater Recharge and Surface Water Reuse Project, East Orosi Community Services District Water Conservation and Meter Project, Sultana Community Services District Water Conservation and Meter Project, Malaga County Water District Water Supply Conservation Project, City of Kerman Median Landscaping Renovation Project, City of San Joaquin Water Storage Tank, and City of Orange Cove Water System Feasibility Study. It was moved by Alternate Director Galvan, seconded by Director Moore and unanimously carried that the Board approve the Advisory Committee's recommendation to add the projects listed to the IRWMP Project List.

5. Recommendation to approve projects for inclusion in an application for a grant under the 2014 IRWM Drought Solicitation

Chair Armstrong called on staff member Eric Osterling to report on the projects recommended by the Advisory Committee to be included in a grant application under the 2014 IRWM Drought Solicitation. Osterling reported that the Project Section Panel thoroughly reviewed and ranked eleven projects that were submitted. Osterling referred to the Pre-Application Evaluations handout that showed the ranking of the eleven projects based on a maximum score of 60 points. Osterling reported that the top five scoring projects including: 1. Consolidated Irrigation District Adams and Academy Basin project, 2. City of Fresno Nielsen Groundwater Recharge Basin, 3. Fresno Metropolitan Flood Control District Regional Groundwater Recharge and Surface Water Reuse Project, 4. East Orosi Community Services District Water Conservation and Meter Project, and 5. Sultana Community Services District Water Conservation and Meter Project be submitted as a package with the ability by the five project proponents to adjust the projects for the 2014 IRWM Drought Solicitation application based on the requirements of the final PSP and also on the potential final amount of the grant awarded. It was moved by Alternate Director Serrato, seconded by Alternate Director Moore and unanimously carried that the Board approve the top five scoring projects be submitted as a package with the ability by the five project proponents to adjust the projects for the 2014 IRWM Drought Solicitation application based on the requirements of the final PSP and also on the potential final amount of the grant awarded.

6. Adoption of Resolution No. 14-01

Osterling reported that DWR requires an authorizing resolution to be submitted with the 2014 IRWM Drought Solicitation. Osterling requested that the Board adopt Resolution No. 14-01 - Authorization to File an Application for a Grant under the 2014 IRWM Drought Solicitation and to enter into an agreement with the California Department of Water Resources. It was moved by Alternate Director Desatoff, seconded by Alternate Director Jimenez and unanimously carried that the Board to adopt Resolution No. 14-01.

7. Request Approval to Authorize Use of Professional Services Funds

Osterling reported that this item was continued from the last regularly scheduled Board meeting due to a lack of a quorum. Osterling reported that IRWMPs have a State Water Code requirement to comply with salt nutrient management planning. Osterling requested that the Board authorize the use of Professional Services funds in an amount not to exceed \$3,700 for HydroMetrics, WRI to complete a request from CV-SALTS to extract source data from the Kings Basin hydrologic model. Osterling reported that he data will be used to assist in the development of the CV-SALTS Phase II Conceptual Model of the Kings Basin. Osterling reported that this will allow the Water Authority to meet the requirement to comply with salt nutrient management planning. Discussion followed regarding concerns of how the data would be used and the timing of the request. It was moved by Alternate Director Serrato, seconded by Alternate Director Kapheim and passed by the following vote to approve the funds in an amount not to exceed \$3,700 for HydroMetrics, WRI with the contingent that the scope of work may be refined after the initial stakeholder meeting:

AYES: Directors Armstrong, and Fast. Alternate Directors Kapheim, Moore, Uota, Akins, Jimenez, Serrato, Galvan, Mills

NOES: Alternate Directors Fowler, Desatoff

ABSTAIN: None

ABSENT: Lopez, McKean, Xiong, Ontiveros

8. Request approval to Authorize Use of Professional Services Funds

Osterling reported that this item was continued from the last regularly scheduled Board meeting due to a lack of a quorum. Osterling requested that the Board consider authorizing use of Professional Services funds in an amount not to exceed \$10,000 and execution of a consulting services contract with Provost & Pritchard Engineering to support Water Authority staff in their Fiscal Year 2013-14 administrative tasks. Osterling reported that this would provide support to Water Authority staff in complying with the Kings Basin IRWMP requirement to complete an annual report on Kings Basin activities. It was moved by Alternate Director Jimenez, seconded by Alternate Director Galvan and unanimously carried that the Board authorize Professional Services funds in an amount not to exceed \$10,000 for use in administrative tasks for the Water Authority.

9. Other items for discussion or reporting

Alternate Director Fowler reported that Fresno Metropolitan Flood Control District employee and Alternate Director Jerry Lakeman is retiring. Chair Armstrong noted that Alternate Director Lakeman will be missed. Alternate Director Serrato reported that Fresno Irrigation District employee Bill Stretch has been promoted to Assistant General Manager.

Adjournment

There being no further business the meeting was adjourned at 11:45 am.

Respectfully submitted,

David Orth
Secretary/Treasurer

Approved

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