

ATTACHMENT 1. AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

RESOLUTION NO. 2013-758

**BEFORE THE BOARD OF DIRECTORS OF THE
FRESNO METROPOLITAN FLOOD CONTROL DISTRICT**

**RESOLUTION AUTHORIZING THE SUBMISSION OF AN APPLICATION AND
EXECUTION OF AN AGREEMENT WITH CALIFORNIA DEPARTMENT OF
WATER RESOURCES FOR STORMWATER FLOOD MANAGEMENT GRANT
FOR DRY CREEK FLOOD CONTROL IMPROVEMENT PROJECT**

WHEREAS, the State of California pursuant to the Disaster Preparedness and Flood Prevention Bond Act of 2006 (Proposition 1E) has released the solicitation for grants in the second round of funding of the Integrated Regional Water Management Stormwater Flood Management Grants; and

WHEREAS, grants of up to \$30,000,000 are available to provide a fifty percent project cost match to construct facilities that meet public safety needs and provide multiple public benefits; and

WHEREAS, Proposition 1E Stormwater Flood Management grants require a minimum funding match of 50 percent of the total project cost; and

WHEREAS, the proposal solicitation package from the Department of Water Resources allows the applicant to receive the benefit of credit for the cost of work completed after September 30, 2008; and

WHEREAS, the District proposes to apply for such a grant identified as the Dry Creek Flood Control Improvement Project; and

WHEREAS, in order to reduce risk of flooding and flood damages throughout the Cities of Fresno and Clovis and the County of Fresno, the District is proposing to construct a deep toe drain on the downstream side of Big Dry Creek Dam; and

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WHEREAS, to improve flood routing, increase storage and stormwater management, the District is proposing certain improvements to the Pup Creek-Enterprise Detention Basin including improved conveyance beneath the Enterprise Canal, a turnout structure from the Enterprise Canal, a concrete lined broad crested weir, and perimeter fencing; and

WHEREAS, to improve flood routing flexibility, increase storage capacity and stormwater management along Dry Creek, the District is proposing certain improvements at the Big Dry Creek Detention Basin, including a turnout/check structure from Dry Creek, a pump station, outfall and inlet structure and certain improvements at the Dry Creek Extension Basin, including acquisition of an additional 23 acres, replacing the adjoining Fanning Ditch into a pipeline, constructing an outfall/intake structure, widening Fanning Ditch from Dry Creek to the basin, and installation of a pump station with a telemetry system; and

WHEREAS, stormwater captured in the basins will also be available for other uses such as a non-potable water supply, groundwater recharge, water quality improvement, and for aquatic ecosystem and wildlife; and

WHEREAS, the Board has included sufficient funds in the District's multi-year budget planning to pay for future facilities, together with eligible flood control improvements constructed after September 30, 2008, to meet the funding match of 50 percent of the total project cost; and

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WHEREAS, applicants for Proposition 1E grants are required to be members or participants of an Integrated Regional Water Management group, and the District is a member of the Kings Basin Integrated Regional Water Management Plan; and

WHEREAS, the Dry Creek Flood Control Improvement Project is a project on the approved project list of the Kings Basin Integrated Regional Water Management Authority; and

WHEREAS, District desires to submit an application to the California Department of Water Resources for a Stormwater Flood Management Grant and if awarded a grant, enter into an agreement to accept the grant for Dry Creek Flood Control Improvement Project.

NOW THEREFORE, BE IT RESOLVED AS FOLLOWS:

The General Manager-Secretary is hereby authorized and directed to prepare the necessary data, conduct investigations, and file such application, and if awarded the grant, execute a grant agreement with California Department of Water Resources.

PASSED AND ADOPTED this 9th day of January, 2013 by the following vote, to wit:

AYES: Directors Williams, Rastegar, Spina, Groom, Goodwin, Fowler & Burleson

NOES: None

ABSENT: None

ABSTAIN: None

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ATTACHMENT 1. AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

1. Is the applicant a local agency as defined in Appendix B of the 2012 Guidelines? Please explain.

The Fresno Metropolitan Flood Control District is a special district, defined in the Stormwater Flood Management Grant program as a local public agency.

2. What is the statutory or other legal authority under which the applicant was formed and is authorized to operate?

FRESNO METROPOLITAN FLOOD CONTROL ACT, CHAPTER 73 – “An Act to be known as Fresno Metropolitan Flood Control Act creating a district subject to the approval of the voters within the district, to be known as Fresno Metropolitan Flood Control District, for the purpose of acquiring and constructing facilities for flood control and the drainage of flood, storm and waste waters and the conservation of any thereof, and providing for the government and powers of said district. (Stats. 1955. c. 503, p. 971.)”

FMFCD is further identified as having groundwater management responsibility in the Fresno Metropolitan Flood Control Act, Chapter 73, Section 73.7, through “...the conservation of flood, storm, waste, and other surface waters for beneficial and useful purposes by spreading, storing, retaining, or causing those waters, or any part thereof, to percolate into the soil within or without the district or the saving and conservation in any manner of any or all of those waters.”

3. Does the applicant have legal authority to enter into a grant agreement with the State of California?

Yes, as provided in SECTION 73-9, CALIFORNIA WATER CODE APPENDIX - §73-9 – Contracts with United States, State, County, etc. Sec. 9, “The district may enter into contracts and do any and all acts necessary or proper for the performance of any agreement with the United States or the State of California or the County of Fresno, the City of Fresno, the City of Clovis, or the Fresno Irrigation District, or any public or private corporation, association, firm or individual, or any number of them for the joint acquisition, construction, leasing, ownership, disposition, use, management, maintenance, repair or operation of any levees, works, canals or other property of any kind which might lawfully be acquired or owned by the district, and may acquire the right to carry water through any artificial watercourse, canal, ditch or conduit not owned or controlled by the district, and may grant to any owner or lessee of any such canal, ditch or conduit (including any artificial watercourse used in part for irrigation purposes) the right to the use of any water carried through any such artificial watercourse, canal, ditch or conduit, or any canal, ditch or conduit of the district. Said district may also agree to indemnify the United States of America, the State of California, or any county, city, or irrigation district which manages, controls, or operates works constructed by or for or used by the flood control district for flood control, drainage or water conservation purposes.(Amended by Stats.1982, c. 661, p. 2684,' 8.)”

4. Describe any legal agreements among partner agencies and/or organizations that ensure performance of the Proposal and tracking of funds.

The work involved in the proposal does not require FMFCD to generate any new agreements, access the facilities or use equipment of other organizations, and does not require any legal agreements with partner agencies and/or organizations to ensure its performance and tracking of funds.

There are existing agreements with other government entities that will impact the functioning of project upon completion. These include:

- *Redbank and Fancher Creeks, California, Local Cooperation Agreement*: The District entered into this agreement with the U.S. Army Corps of Engineers on August 1, 1987. Execution of the agreement made the District the local sponsor of the Redbank Creek Dam, and transferred responsibility for the dam and appurtenances from the federal government to the District.
- *Master Discharge Agreement*: January 7, 1972 agreement between the County of Fresno, Fresno Irrigation District (FID), City of Clovis, City of Fresno, and Fresno Metropolitan Flood Control District, which controls the use of FID's canals for the disposal of urban area stormwater.
- *Agreement Acknowledging Historic Natural Stream Flows*: February 10, 1998 agreement between FMFCD and Fresno Irrigation District "...to acknowledge the presence of natural historic flows in natural streams incorporated by FID into its system to preserve capacity for storm water flowage in said channels".
- *Use of Basins for Groundwater Recharge" Agreements*: FMFCD has three (3) existing agreements with partner agencies to enable the Groundwater Recharge Program. The City of Fresno and Clovis each have established "Use of Basins for Groundwater Recharge" Agreements with FMFCD to allow delivery of portions of their surface water entitlements to FMFCD basins. FMFCD has an agreement with the FID to deliver portions of these entities' allotted surface water entitlements through FID's canals to several FMFCD's stormwater management basins to increase the overall replenishment of the local groundwater aquifer.

ATTACHMENT 1. GWMP COMPLIANCE

5. Identify projects in the Proposal that involve any groundwater management or groundwater recharge or may have either positive or negative groundwater impacts.

The four features of the proposed project along Dry Creek improve groundwater management and recharge capability. Project completion will result in a total increase in potential groundwater recharge capability of 1,990 acre-feet annually, which represents 4% of the system-wide five-year average annual total of 49,367 acre-feet. This is an extremely significant increase in recharge capability, and will have a powerful positive impact on groundwater recharge supplies for the future.

Big Dry Creek Dam: Construction of a 15 foot deep toe drain for a length of 7,000 along the downstream side of the dam will improve structural integrity of the structure and increase the length of time and amount of water that can be held in the reservoir behind the dam. This improvement will result in groundwater recharge potential of 250 acre-feet annually.

Pup Creek-Enterprise Detention Basin: A 25-acre basin will be created, and construction of the broad crested weir and channel improvement work will increase the volume of water that can flow through Pup Creek to the basin without overtopping and spilling into the Enterprise Canal, allowing retention of flood flows that would otherwise leave the community. The estimated new groundwater recharge capability is 120-acre feet.

Big Dry Creek Detention Basin: The basin site will be fully excavated, and a pump station and diversion pipeline will be constructed to allow flood flows to be routed from Big Dry Creek and the Gould Canal into the basin for retention and groundwater recharge. The estimated groundwater recharge capability is 620 acre-feet annually, from the present annual recharge volume of nothing.

Dry Creek Extension Basin: The project involves more than doubling the size of the existing unexcavated basin site from 20 to 43 acres, and excavating the entire site to allow for diversion and storage of flood flows from Big Dry Creek. Once the site is fully excavated, its projected annual recharge performance is 1,000 acre-feet.

6. The applicant has prepared and implemented a GWMP that is in compliance with CWC §10753.7.

FMFCD is an active member in the Fresno Area Regional Groundwater Management Plan (GWMP), which is a collaborative effort among nine public agencies and one private water company in the Fresno-Clovis metropolitan and surrounding area. The GWMP was adopted by the governing bodies of all ten (10) participating entities in 2006. GWMP documents a regional approach toward groundwater management, while still addressing individual goals and issues for each of the participants. GWMP satisfies the requirements for Groundwater Management Plans created by the September 2002 California State Senate Bill No. 1938, which amended Sections 10753 and 10795 of the California Water Code. The GWMP also addresses recommended components for a Groundwater Management Plan described in Appendix C of Department of Water Resources Bulletin 118 (2003 Update).

The Fresno Area Regional Groundwater Management Plan, dated December 2006, can be viewed at [www.fresnofloodcontrol.org/water_resources/Fresno Area Regional GWMP Final.pdf](http://www.fresnofloodcontrol.org/water_resources/Fresno_Area_Regional_GWMP_Final.pdf). At the end of the plan document are signed resolutions from each of the ten (10) participating entities regarding their adoption of the plan, as well as a Memorandum of Understanding signed by representatives of all ten (10) GWMP members. Also attached is the Fresno Area Regional Groundwater Management Group Draft 2010 Annual Groundwater Report (Appendix 7-9). The draft also outlines future collaborative and independent work planned. As per DWR staff instructions, a hard copy of the GWMP has not been included with the proposal, as the link to the plan was determined to be sufficient.

Two (2) additional formal regional groundwater management groups to which FMFCD belongs are the Upper Kings Basin Integrated Regional Water Management Authority, and the Southern Sierra Regional Water Management Group. The Upper Kings Integrated Regional Water Management Plan went through the Department of Water Resources' Regional Acceptance Process in 2009, and was updated in October of 2012. The updated plan is available for viewing here: krcd.org/pdf_ukbirwma/20121017_KB_IRWMP.pdf. Proof of formal adoption by the Upper Kings Basin Regional Water Management Authority and by the Fresno Metropolitan Flood Control District governing boards is provided in Attachment 2. The Southern Sierra Integrated Regional Water Management Plan is presently under development, and in December of 2012 [was awarded a DWR Integrated Regional Water Management Planning Grant](#). The FMFCD's service area overlaps with the boundaries of both groups, and so membership and active participation in both is appropriate. Also attached are staff reports to FMFCD's Board of Directors and signed resolutions authorizing FMFCD to become a member of these two (2) regional groups.

ATTACHMENT 1 . PROJECT CONSISTENCY WITH AN ADOPTED IRWM PLAN:

In 2009 the first Kings Basin Integrated Regional Water Management Plan (Kings Basin IRWMP) was adopted by the Kings Basin Water Management Authority (Kings Basin IRWMA), and was recognized and approved by the California Department of Water Resources (DWR) through its Regional Acceptance Process (RAP). In October of 2012, an update to the plan was adopted by the Kings Basin IRWMA (Appendix 1-1) and submitted to DWR.



In December of 2011, the Dry Creek Flood Control Improvement Project was approved by the FMFCD Board of Directors for submission to the Kings Basin Integrated Regional Water Management Authority (Kings Basin IRWMA) for inclusion on its approved projects list (Appendix 1-2). At its January 18, 2012 meeting the Kings Basin IRWMA Board of Directors accepted the recommendation of its Project Review Panel and added the project to the approved IRWMP Project List. The [agenda](#) and [minutes](#) from the January 18, 2012 Kings Basin IRWMA Board of Directors Meeting are found in Appendix 1-3.

The Dry Creek Flood Control Improvement Project was determined to be consistent with the Kings Basin IRWMP's goals and objectives. The Plan's five regional goals:

1. Halt, and ultimately reverse the current overdraft and provide for sustainable management of surface and groundwater.
2. Increase the water supply reliability, enhance operational flexibility, and reduce system constraints.
3. Improve and protect water quality.
4. Provide additional flood protection.
5. Protect and enhance aquatic ecosystems and wildlife habitat.

FMFCD is a member of the Kings Basin Water Authority Board of Directors. Letters of support for the Project have been provided by other Board members: City of Clovis, City of Fresno, County of Fresno, and Fresno Irrigation District. Their project support is essential due to the close working relationship FMFCD has with all of them, on implementation of the Kings Basin IRWMP, on execution of flood control operations, on water supply management, and much more. The letters are found in Appendix 1-4.

The updated Kings Basin Integrated Regional Water Management Plan can be viewed at www.krcd.org/water/ukbirwma/docs_gov.html.

Detailed information on the Kings Basin IRWMA's project application process is available at www.krcd.org/pdf_ukbirwma/UKB-002 Project Application Process.pdf.

UPPER KINGS BASIN INTEGRATED REGIONAL
WATER MANAGEMENT AUTHORITY
FRESNO, CALIFORNIA



RESOLUTION NO. 12-02

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
UPPER KINGS BASIN INTEGRATED REGIONAL WATER MANAGEMENT AUTHORITY
AUTHORIZING ADOPTION OF THE
KINGS BASIN INTEGRATED REGIONAL WATER MANAGEMENT PLAN (IRWMP)**

BE IT RESOLVED that the revised Integrated Regional Water Management Plan attached under Item Number 12 of the October 17, 2012 Board Agenda Packet was adopted at the regular meeting of the Board of Directors of the Upper Kings Basin Integrated Regional Water Management Authority on this 17th day of October, 2012, by the following vote:

AYES: Directors Armstrong, Nielsen, Poochigian, and Blayney. Alternate Directors Uota, Querin, Martinez, Kapheim, Orth, Akins, Moore, Burleson, and Mills

NOES: None

ABSENT: Directors Neely, Mitchell, Fast, and Gray

ATTEST:



Secretary



Chair

RESOLUTION NO. 2012-754

**BEFORE THE BOARD OF DIRECTORS OF THE
FRESNO METROPOLITAN FLOOD CONTROL DISTRICT**

**RESOLUTION ADOPTING THE KINGS BASIN INTEGRATED REGIONAL WATER
MANAGEMENT**

WHEREAS, the Fresno Metropolitan Flood Control District is located within the boundaries of Tulare Lake Groundwater Basin and the Kings River sub-basin thereof as defined by the State of California Department of Water Resources; and

WHEREAS, citizens of the Fresno Metropolitan Flood Control District are dependent upon the long term preservation and management of the water supplies of the basin and sub-basin; and

WHEREAS, the Kings River watershed thereby is a watershed of great importance to Fresno Metropolitan Flood Control District; and

WHEREAS, in order to maximize flood control, urban storm water services and beneficial use of Kings River water, the Fresno Metropolitan Flood Control District has become a participant in the integrated regional water management planning strategies for the Kings Basin region with other interested parties through a joint powers authority referred to as the Kings Basin Integrated Regional Water Authority (Authority); and

WHEREAS, the Authority has adopted an integrated regional water management plan for the Kings Basin (the "Kings Basin IRWMP") and has undertaken various activities in furtherance of that plan; and

WHEREAS, the Board of Directors of the Fresno Metropolitan Flood Control District (Board) has reviewed and supports the Kings Basin IRWMP; and

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WHEREAS, in furtherance of its support, the Board desires to adopt said IRWMP.

NOW, THEREFORE BE IT RESOLVED, that the foregoing recitals are true and correct.

RESOLVED FURTHER, that Board of Directors of the Fresno Metropolitan Flood Control District hereby adopts the Kings Basin IRWMP and shall support its development and implementation.

PASSED AND ADOPTED by the Board of Directors of the District on this 24th day of October 2012, by the following vote, to wit:

AYES: Directors Spina, Groom, Rastegar, Fowler and Burleson

NOES: None

ABSENT: Directors Williams and Goodwin

ABSTAIN: None

AGENDA

**Upper Kings Basin Integrated Regional Water Management Authority
Board of Directors Meeting
January 18, 2012 @ 9:30 am**

Fresno County Farm Bureau, 1274 W. Hedges, Fresno, CA 93728

1. Call to order by the Chair – Roll Call

2. Additions to or Deletions from the Agenda

3. Public Presentations

Presentations by the public on matters not on the agenda and within the jurisdiction of the Board, limited to a timeframe set by the Chair.

4. Consider Approval of the October 19, 2011 Regular Board of Directors Meeting Minutes

5. Member-Interested Party Reports

Interested Party Presentation: Sustainable Conservation

6. Advisory Committee Report

The Board will receive a report from the Advisory Committee Acting Chair regarding activities of the Committee.

7. IRWMP Update Status and Discussion

8. Staff Reports

- A. Planning and Implementation Contracts
- B. Inter-regional and Statewide Coordination
- C. Public Information
- D. Legislation
- E. Other

9. Recommendation to approve Policy No. UKB-004

The Board will consider the recommendation by the Advisory Committee to approve Policy No. UKB-004 – Reserve Fund Policy.

10. Request to modify the IRWMP Project List

The Board will consider the recommendation by the Advisory Committee to add the City of Selma Storm Drain Redirect Project and the Fresno Metropolitan Flood Control District – Dry Creek Improvement Project to the IRWMP Project List.

11. Recommendation to sign Letter of Cooperation

The Board will consider the recommendation by the Advisory Committee to sign, with the proposed edit, the Madera Regional Water Management Group's Letter of Agreement on Coordination and Communication Between Regions.

12. Audit

The Fiscal Agent will present for Board review the Audited Financial Statements for the Years ended June 30, 2011 and 2010.

13. Financial Report

The Board will consider the request to approve the quarterly financial report for the period October 1–December 31, 2011.

14. Consideration of Meeting Date Change

The Board will consider changing the Board meeting date to accommodate a scheduling conflict as requested by Raisin City Water District.

15. Other items for discussion or reporting

16. Next meeting date: April 18 at 9:30 am, Fresno County Farm Bureau

ADJOURNMENT

Note: The public will be given the opportunity to address the Board on any item on the agenda before or during the Board's consideration of that item. Please fill out the attendance card provided and indicate which agenda item you wish to address. The President may limit the total amount of time allocated for public testimony on particular issues for each individual speaker.

A person with a qualifying disability under the Americans With Disabilities Act of 1990 may request the Authority provide a disability related modification or accommodation in order to participate in any public meeting of the Authority. Such assistance includes appropriate alternative formats for the Agendas and Agenda packets used for any public meeting of the Authority. Requests for such assistance and for Agendas and Agenda packets shall be made in person, by telephone, facsimile, or written correspondence to the Secretary to the Board of Directors of Upper Kings Basin Integrated Regional Water Management Authority, at the Authority offices at: 4886 E. Jensen Ave., Fresno, CA 93725, at least 48 hours before a public Authority meeting.

**Upper Kings Basin Integrated Regional Water Management Authority
Board of Directors Meeting, January 18, 2012
Fresno County Farm Bureau, 1274 W. Hedges Avenue, Fresno, CA 93728**

Minutes of the Regular Meeting of the Board of Directors of the Upper Kings Basin Integrated Regional Water Management Authority (Water Authority) held January 18, 2012.

1. Call to order

Chair Harry Armstrong called the meeting to order at 9:32 am. Roll call was taken. Armstrong stated a quorum was present.

Directors/Alternate Directors Present:

Robert Nielsen, Consolidated Irrigation District
Bruce Blayney, City of Kingsburg
Denise Akins, County of Tulare (alternate)
Judy Case, County of Fresno
Brock Buche, City of Fresno (alternate)
Harry Armstrong, City of Clovis
Mary Fast, City of Reedley
Lou Martinez, City of Parlier (alternate)
John Mulligan, City of Sanger (alternate)
Buzz Burleson, Fresno Metropolitan Flood Control District (alternate)
David Orth, Kings River Conservation District (alternate)
Norman Waldner, Alta Irrigation District
Gary Serrato, Fresno Irrigation District (alternate)

Members Absent:

City of Dinuba
City of Kerman
City of Selma
Raisin City Water District
Kings County Water District

Interested Parties Present:

Steven Pickens, Bakman Water Company
David Cehrs, El Rio Reyes Trust, Sierra Club,
Tehipite Chapter

John Malloyan, James Irrigation District,
Mid-Valley Water District

Interested Parties Absent:

Biola Community Services District
California Native Plant Society, Sequoia Chapter
City of San Joaquin
Community Water Center
County of Kings
Cutler Public Utilities District
East Orosi Community Services District
Hardwick Water Company
Kings River Conservancy
Kings River Water Association
Laguna Irrigation District

Liberty Canal Company
Liberty Water District
London Community Services District
Orange Cove Irrigation District
Orosi Public Utilities District
Riverdale Irrigation District
Riverdale Public Utility District
Self-Help Enterprises
Sierra Resource Conservation District
Sultana Community Services District
Terranova Ranch, Inc.
Tulare Basin Wildlife Partners

Others Present:

Eric Osterling, KRCD
Cristel Tufenkjian, KRCD
Rick Hoelzel, KRCD
Ron Samuelian, Provost & Pritchard
Jerry Lakeman, Fresno Metropolitan Flood
Control District
Randy Shilling, KRCD
Lisa Koehn, City of Clovis
Phil Desatoff, Consolidated Irrigation District

Juliette de Campos, Community Water Center
Kathy Wood, Tulare Basin Wildlife Partners
Lon Martin, Provost & Pritchard
Joe Prado, County of Fresno
Joe Bezerra, CSU-ARI
Ashley Boren, Sustainable Conservation
Fausto Hinojosa, CP, Price, Paige & Company
Brian Trevarrow, KRCD
Vilya Osa, Price, Page & Company

2. Addition to or Deletion from the Agenda

It was requested by Chair Armstrong to move agenda item #12. Audit up on the agenda after the approval of the minutes to accommodate the auditors schedule. Chair Armstrong noted that it is a non- action item. The Board concurred with the change.

3. Public Presentations

None

4. Approval of Minutes of the October 19, 2011 Regular Board of Directors

It was moved by Director Nielsen, seconded by Director Martinez and unanimously carried that the minutes of the October 19, 2011 regular meeting of the Board of Directors be approved as presented.

12. Audit

Chair Armstrong called on Authority staff member Randy Shilling to report on the Water Authority's audit. Shilling noted that a bound copy of the audit was provided to each Director. Shilling called on Fausto Hinojosa of CPA, Price, Paige & Company to present the audit. Hinojosa reported in the opinion of Price, Paige that the financial statements present fairly, in all material respects, the respective financial position of the Upper Kings Basin Integrated Regional Water Management Authority as of June 30, 2011 and 2010, and the respective changes in financial position and cash flows thereof for the years then ended in conformity with generally accepted accounting principles. Hinojosa stated that Price, Paige had no difficulties or disagreement with management during the audit.

5. Member-Interested Party Reports

Chair Armstrong called on Director Orth to introduce the presenter from Sustainable Conservation. Orth reported that he invited Ashley Boren, Executive Director of Sustainable Conservation to present on her organization's activities in our region. Boren reported that Sustainable Conservation is a non-profit, environmental organization. Its mission is to insure the sound stewardship of resources in California. This is accomplished through partnerships with government, business, agricultural, and other stakeholders. Boren stated that some of their partnerships in the region include the dairy industry to promote management practices and technologies to manage manure in ways that are economically feasible to reduce water quality issues and greenhouse gases. Boren reported that they are also partnering with the UC Cooperative Extension to promote conservation tillage to reduce dust pollution. Boren reported that they have been involved in the Terranova groundwater project assisting with outreach. Boren stated that a future activity for this region would be coordinated permitting for erosion control practices. Boren summarized the work performed by Sustainable Conservation including the promotion of practices and technologies that make economic and environmental sense; regulatory coordination; facilitation of diverse coalitions; and promotion of good work being done on farms.

6. Advisory Committee Report

Chair Armstrong called on Water Authority staff member Eric Osterling to provide a report on Advisory Committee activities. Osterling reported that the Advisory Committee held its regularly scheduled meeting on December 14, 2011. Osterling noted that there was not a quorum. Osterling reported that the Committee decided to postpone consideration of the request by the Sanger Environmental Fund to join the Water Authority as an Interested Party to the next regularly scheduled Advisory Committee meeting due to lack of sufficient information. The Committee also instructed staff to develop a questionnaire for future Interested Parties that would provide information about the requesting entities including their mission and purpose for joining the Water Authority.

Osterling stated that Phil Desatoff, Monitoring Work Group chair, reported that work is being conducted on California Statewide Groundwater Elevation Monitoring (CASGEM) program requirements. Desatoff reported that KRCD has been conditionally approved by the Department of Water Resources (DWR) as the CASGEM monitoring entity for the Kings Basin. Work is also being conducted to ensure that the Kings Basin Coordinated Groundwater Management Plan is compliant with SB 1938 requirements.

Osterling stated that Gary Serrato, Model Work Group chair, reported that the work group had its first request to run the Kings IGSM model. The request was made by Raisin City Water District, which plans to run the model to evaluate potential recharge projects. Review of the draft model run will be conducted by the model technical committee. Serrato noted that any agency affected by the model outputs will have an opportunity to review.

Osterling reported that the DAC Work Group has not met, but some of the activities in this area include a services contract executed with Provost & Pritchard for the DAC Outreach & Planning Pilot Study.

7. IRWMP Update Status and Discussion

Chair Armstrong called on Ron Samuelian, Provost & Pritchard, to provide an update on the IRWM Plan Update. Samuelian reported that the Plan Update Work Group has met three times. The work group has been reviewing DWR's new IRWMP requirements, what the current Plan includes and considering what changes need to be made to the Plan to meet the new requirements. Samuelian noted that the existing Plan has five key goals. The work group has developed fourteen measurable objectives that will be placed underneath these goals. Samuelian reviewed the schedule for completing the update with a goal of having a draft for the Board to review by July. Samuelian reminded the Board that in addition to the Water Authority Board, each entity will need to adopt the final Plan if they are planning to pursue grant funding in the future.

8. Staff Reports

Planning and Implementation Contracts – Chair Armstrong called on Osterling to report on the status of planning and implementation contracts. Osterling reported that staff received a retention check for Prop 13-Alta Irrigation District Coordinated Groundwater Projects. Prop. 50 Round 2- Alta ID requires a contract extension amendment to complete the project. Mini 50-City of Fresno requires a contract extension amendment for the completion of Fresno's 2010 Urban Water Management Plan.

Inter-regional and Statewide Coordination - Osterling reported that on January 9, he attended the coordinated effort meeting of the IRWMPs in the region. On the same day, the Disadvantaged Communities Stakeholder Oversight Committee Tulare County DAC contract meeting was held. Osterling reported that the primary focus of the meeting was to go over draft list of common problems. The committee ranked as the number one common problem the lack of operation and maintenance funding and economies of scale. Osterling reported that he attended two meetings for the California Water Plan Update. The first meeting dealt with resource management strategies and performance measures including developing a water model. The second meeting dealt with IRWMPs. Osterling reported that he provided a presentation about the Water Authority at this meeting.

Kathy Wood, Watershed Coordinator for the Tulare Funding Area, reported that work is being done in three areas: helping with a planning grant for the Southern San Joaquin Valley, communications and outreach including a website, and the development of project lists. Wood also discussed her work with Safe Harbors.

Public Information – Chair Armstrong called on Cristel Tufenkjian to report on public information. Tufenkjian reported that editorial meetings had been conducted with the Selma Enterprise, Kingsburg Recorder, Reedley Exponent, Dinuba Sentinel, Sanger Herald, and Parlier Post. Tufenkjian reported that an article was printed in the Dinuba Sentinel and that other articles are expected to be printed in the Selma Enterprise, Kingsburg Recorder, Reedley Exponent, and the Sanger Herald. The Fresno Bee and Kerman News will be scheduled in the upcoming weeks. Tufenkjian reported that the media event was postponed until the Spring.

Legislation – Chair Armstrong called on Director Orth to provide a legislative update. Orth reported that there were two upcoming deadlines, January 20 for the movement of bills from last year and February 24 for the introduction of new bills. Orth stated there has been a lot of discussion about the 2012 Water Bond that contains a significant amount of funding for IRWMPs. There are concerns about the size of the bond and the possible postponement of the bond. Orth reported that most of the water community in this region believe the water bond should be kept in its present form since it was part of package of water legislation. Orth stated that the author of SB 263 (Pavley) Well Logs intends to reintroduce the bill this year. This bill was opposed by a broad coalition that included water agencies. Orth also reported on the failure of AB 550 (Huber) Peripheral Canal, which would have required legislative approval to build a Delta facility.

Other – Osterling reported that the Water Authority executed a contract with DWR for the DAC Pilot Project. Osterling reported that an Oversight Ad Hoc Committee will be formed and asked for volunteers to participate on the committee.

9. Recommendation to approve Policy No. UKB-004

Shilling reported that the Budget Committee met and drafted a Reserve Fund Policy at the request of the Water Authority's Board members. The policy identifies three uses for undesignated fund balances: collective benefit projects, updates to the IRWMP, and other unanticipated needs that broadly affect the Water Authority. The Policy also establishes a target amount not to exceed \$500,000 as a reserve fund. Shilling stated that there was no opposition and that the Advisory Committee recommended that the Board adopt Policy No. UKB-004 Reserve Fund Policy. Discussion followed regarding how the reserve funds would be distributed back to an agency if they withdraw their membership. Orth stated that there is a provision in the JPA that obligates a withdrawing member to pay its proportional share of assessments, but there are no provisions for refunds. It would be at the Board's discretion. It was moved by Director Orth, and seconded by Director Nielsen and unanimously carried to approve Policy No., UKB-004 – Reserve Fund Policy.

10. Request to modify the IRWMP Project List

Osterling reported that the Project Review Panel reviewed two projects to be added to the IRWMP Project List and determined that the projects were sufficiently consistent with the goals and objectives of the current IRWMP. The projects included the City of Selma Storm Drain Redirect Project and the Fresno Metropolitan Flood Control District – Dry Creek Improvement Project. Osterling stated that the Advisory Committee supported the work group's recommendation. It was moved by Director Serrato, and seconded by Director Burleson and unanimously carried to add the City of Selma Storm Drain Redirect Project and the Fresno Metropolitan Flood Control District – Dry Creek Improvement Project to the IRWMP Project List.

11. Recommendation to sign Letter of Cooperation

Osterling reported that a request was made by the Madera Regional Water Management Group to sign a letter of cooperation. The purpose of the letter is to foster cooperation between the Madera Group and the Water Authority with shared interests and/or resources. Osterling stated that the Madera Group is not within the Water Authority's funding area. Osterling noted that DWR requested the

Madera Group in their planning process to engage other planning entities. The Advisory Committee recommended that the Board sign the Letter of Cooperation with the suggested edit of deleting the word *coordination* from the text of the letter. It was moved by Director Burleson, and seconded by Director Case and unanimously carried to sign the Letter of Cooperation with the Madera Regional Water Management Group.

13. Financial Report

Chair Armstrong called on Shilling to provide an overview of the quarterly financial report for the period of October 1–December 31, 2011. Shilling noted that the financial report was included in the agenda packet. Shilling reviewed the expenses and income noting that there was very little activity for the quarter.

14. Consideration of Meeting Date Change

Chair Armstrong called on Tufenkjian to report on the poll results to consider the changing of the Board’s meeting date as requested by Director Boren. Tufenkjian reported that the current meeting time of the third Wednesday in the morning received the most votes. Twelve out of the eighteen agencies participated in the poll. Discussion followed regarding the best meeting time for Director Boren and what options Raisin City had regarding attending including the appointment of an alternate. It was decided by the Board to support the majority vote and keep the current meeting time. It was moved by Director Martinez, and seconded by Director Fast and unanimously carried to keep the current meeting time of the third Wednesday of the month in the morning. Chair Armstrong noted that this issue could be reviewed again next year.

15. Other items for discussion or reporting

No other items for discussion.

16. Next Meeting Date

Chair Armstrong reported that the next regularly scheduled Board of Directors meeting is on April 18, 2012 at 9:30 am at the Fresno County Farm Bureau office.

It was moved by Director Orth and seconded by Director Serrato, and unanimously carried to adjourn the meeting. There being no further business, Chair Armstrong adjourned the meeting at 10:33 am.

Respectfully submitted,

David Orth
Secretary/Treasurer

Approved

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City of Clovis Public Utilities Department

155 N. Sunnyside Avenue, Clovis, CA 93611 (559) 324-2600

January 9, 2013

Bob Van Wyk
General Manager-Secretary
Fresno Metropolitan Flood Control District
5469 E. Olive Ave.
Fresno CA 93727

Dear Mr. Van Wyk,

Subject: Letter of Support Application for Stormwater Flood Management Grant
Program "Dry Creek Flood Control Improvement Project"

The City of Clovis' Public Utilities is pleased to support the Fresno Metropolitan Flood Control District's (FMFCD) application for a California Department of Water Resources Stormwater Flood Management Program grant for the Dry Creek Flood Control Improvement Project. The City of Clovis routinely engages in cooperative projects with FMFCD, and participates in various regional planning efforts including the Kings Basin Integrated Regional Water Management Plan and the Fresno Area Regional Groundwater Management Plan. Support of this proposed project is in accordance with City of Clovis adopted General Plan policies which promote collaborative strategies to provide protection of lands at risk of flood, water resources conservation, and increased reliability of surface and groundwater resources

The four project components along the course of the Dry Creek flood control system will provide increased flood protection and enhanced groundwater recharge benefits to the whole Clovis/Fresno metropolitan area. Two of the four components are located immediately up-gradient from the City of Clovis: Big Dry Creek Dam and Pup Creek-Enterprise Detention Basin.

Construction of a deeper toe drain at Big Dry Creek Dam will increase structural reliability and provide late season and short-term storage capacity that will help us manage our local water resources. Because of its close proximity to the City of Clovis, the City would sustain severe flood damage should the Dam fail or should the emergency flood gates need to be opened to draw down the dam rapidly. The Dam

Failure Inundation Map shows that flood damage would occur in a wide swath from northeast Clovis, across a highly populated and urbanized area, to southwest Fresno.

Improvement of the toe drain will also allow FMFCD to retain late season flood waters and put such waters to beneficial use downstream to lessen the overdraft of groundwater.

Development of the Pup Creek-Enterprise Detention Basin project will cure a known flood routing dilemma that otherwise limits the ability to safely route rural flood waters and maintain urban flood system dewatering. The detention basin provides storage for flood waters in lieu of entering the Enterprise Canal, a channel that traverses the urbanized area downstream. New retention means opportunity for groundwater recharge that does not currently exist in the area around the project site. The City will provide excess surface water supply for such a purpose as the basin is developed.

FMFCD serves effectively to protect the citizens and property with the City of Clovis from flooding, and because of its multiple use urban basins also provides ongoing groundwater recharge benefits. Completion of the Dry Creek Flood Control Improvement Project will allow FMFCD to further improve its performance in both.

We appreciate your efforts in developing the proposal and look forward to continuing to work closely with your office as a stakeholder in regional water management issues.

Sincerely,



Lisa Koehn
Assistant Public Utilities Director
City of Clovis

**PUBLIC WORKS DEPARTMENT**

City Hall
2600 Fresno Street, 4th Floor
Fresno, California 93721
Ph. (559) 621-8650 FAX (559) 488-1045
www.fresno.gov

Patrick N. Wiemiller
Public Works Director

January 28, 2013

File 160.8378
180.92332
220.48
520.224

Bob Van Wyk
General Manager-Secretary
Fresno Metropolitan Flood Control District
5469 East Olive Avenue
Fresno CA 93727

Dear Mr. Van Wyk:

Letter of Support
Application for Stormwater Flood Management Grant Program
“Dry Creek Flood Control Improvement Project”

The City of Fresno supports the Fresno Metropolitan Flood Control District’s (FMFCD) Dry Creek Flood Control Improvement Project proposal for a California Department of Water Resources Stormwater Flood Management Program grant. The City relies upon FMFCD as the entity responsible for flood control and urban storm drainage to protect the urban area. The City recognizes that if flooding were to occur in the urban area, the damages would be significant and this project will be very helpful in preventing such risk. The City also frequently coordinates with FMFCD on land use, development standards for drainage, groundwater recharge, regional water resources planning, street improvement projects, recreation, and a range of other projects.

Regional planning efforts in which the City and FMFCD participate include the Kings Basin Integrated Regional Water Management Plan, the Fresno Area Regional Groundwater Management Plan, and formal regional flood control and groundwater recharge partnerships with the Fresno Irrigation District (FID). Agreements that outline interagency coordination between the City, FMFCD and FID, on flood control, storm water management, and groundwater recharge have been in place for decades.

The Dry Creek Flood Control Improvement Project provides additional floodwater storage to ensure flood safety and groundwater recharge opportunities consistent with responsible stewardship of water resources for the benefit of area residents. Support of this proposed project is consistent with the 2025 Fresno General Plan in its furtherance of flood safety and efficient management of local water resources.

Bob Van Wyk – Letter of Support
Page 2]
January 28, 2013

Improvements to Big Dry Creek Dam will provide increased flood protection to the lands downstream, including most of the City of Fresno. The U.S. Army Corps of Engineers' Dam Failure Inundation Map illustrates that dam failure would cause serious flood damage throughout Fresno from its northeast edge to the far southwest city boundary.

Completion of the Pup Creek-Enterprise Detention Basin project would provide storage for flood waters and prevent uncontrolled flows into the Enterprise Canal that would cause downstream flooding in urban areas.

Completing improvement of the Big Dry Creek Detention Basin, located adjoining Big Dry Creek and the City's Leaky Acres groundwater recharge facility, will help regulate flood flows in Big Dry Creek just downstream of the confluence with the Gould Canal. The basin will also further augment recharge capability.

Acquiring another 23 acres at the Dry Creek Extension Basin project would provide downstream capacity for flood waters, allowing dewatering of upstream basins within the City to preserve capacity for subsequent storms, while still retaining storm waters in the local area.

FMFCD facilities, including those proposed as the Dry Creek Flood Control Improvement Project, are a valuable community resource in mitigating hazards and damages that can be caused by uncontrolled flood waters, and in maximizing public benefit of local water resources through the ongoing and cooperative groundwater recharge program. As such, the City of Fresno offers its support of FMFCD's Dry Creek Flood Control Improvement Project submission for funding from DWR's Stormwater Flood Management Grant program.

Sincerely,



Patrick Wiemiller
Director of Public Works and Public Utilities
City of Fresno



County of Fresno

DEPARTMENT OF PUBLIC WORKS AND PLANNING
ALAN WEAVER, DIRECTOR

January 29, 2013

VIA FAX: (559) 456-3194

Bob Van Wyk
General Manager-Secretary
Fresno Metropolitan Flood Control District
5469 E. Olive Ave.
Fresno CA 93727

Dear Mr. Van Wyk:

Subject: Letter of Support - Application for Stormwater Flood Management Grant Program
"Dry Creek Flood Control Improvement Project"

The County of Fresno is pleased to support the Fresno Metropolitan Flood Control District's (FMFCD) application for a California Department of Water Resources Stormwater Flood Management Program grant for the Dry Creek Flood Control Improvement Project. FMFCD's service area lies entirely within the County of Fresno, and the County routinely engages in cooperative projects with FMFCD. Mutual participation in regional planning efforts includes the Kings Basin Integrated Regional Water Management Plan, the Fresno Area Regional Groundwater Management Plan, and the Fresno County 2000 General Plan Update.

The County's General Plan recognizes that flooding is a natural occurrence in the Central San Joaquin Valley as it is a drainage basin for thousands of watershed acres of the Sierra Nevada and Coast Range foothills and mountains. FMFCD is identified as the agency responsible for flood control in the Fresno/Clovis area of the County, and as such, the County fully supports FMFCD's efforts to improve its system's ability to control floods. The County also fully supports FMFCD's efforts to augment its system's groundwater recharge capability. The Dry Creek Flood Control Improvement Project will accomplish both.

The four project components along the course of the Dry Creek flood control system will provide increased flood protection and enhanced groundwater recharge benefits to the entire Fresno/Clovis metropolitan area. Support of this proposed project is in accordance with General Plan Goals and Policies regarding flood hazards and public facilities and services, specifically:

- To minimize the risk of loss of life, injury, and damage resulting from flood hazards." (HS-C)
- The County shall actively engage in efforts and support the efforts of others to retain existing water supplies within Fresno County." (PF-C.1)
- The County shall support efforts to expand groundwater and/or surface water storage that benefits Fresno County." (PF-C.4)

January 29, 2013
Mr. Bob Van Wyk
Page 2

Construction of a 15 foot deep toe drain at Big Dry Creek Dam will increase structural reliability and provide enhanced flood protection. The U.S. Army Corps of Engineers' Dam Failure Inundation Map shows that should the Dam fail, flood damage would occur in a wide swath from northeast Clovis, across a highly populated and urbanized area, to southwest Fresno. Another important benefit is improved late rain season and short-term storage capacity to augment groundwater recharge capability.

Improvement of the recently acquired land for the Pup Creek-Enterprise Detention Basin project will correct a long-standing flood routing problem that limits the safe routing of rural flood waters and maintain urban flood system dewatering. The detention basin would provide storage for flood waters to prevent downstream flooding in urban areas. New retention also means opportunity for groundwater recharge in the area around the project site.

Acquisition and improvement of the Big Dry Creek Detention Basin located at the juncture of Big Dry Creek and the Gould Canal, in combination with construction of a turnout structure from Big Dry Creek to the basin will make the site more effective for both flood control and groundwater recharge.

Acquisition of an additional 23 acres and improving a total of a 43-acre Dry Creek Extension Basin and connecting it to both Dry Creek and the Fanning Ditch will provide an outlet and storage facility for flood water and provide an excellent groundwater recharge site where none presently exists.

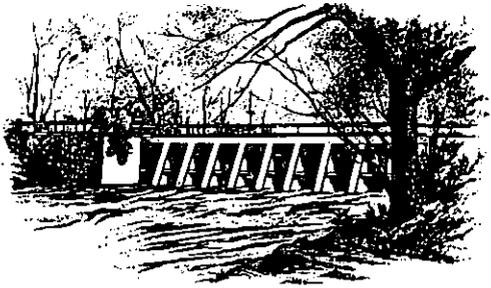
FMFCD serves effectively to protect the citizens and property within its service area from flooding, and because of its multiple use urban basins also provides ongoing groundwater recharge benefits. Completion of the Dry Creek Flood Control Improvement Project will allow FMFCD to further improve its performance in both. The County of Fresno appreciates FMFCD's initiative in developing the proposal and looks forward to continued coordination on regional flood safety and water management issues.

If you have any questions, please do not hesitate to call me at (559) 600-4537.

Sincerely,



Alan Weaver, Director



YOUR MOST VALUABLE RESOURCE - WATER

OFFICE OF
FRESNO
IRRIGATION DISTRICT

TELEPHONE (559) 233-7161
FAX (559) 233-8227
2907 S. MAPLE AVENUE
FRESNO, CALIFORNIA 93725-2218

January 10, 2013

Bob Van Wyk
General Manager-Secretary
Fresno Metropolitan Flood Control District
5469 E. Olive Ave.
Fresno CA 93727

**RE: Letter of Support
Stormwater Flood Management Grant Program
Dry Creek Flood Control Improvement Project**

Dear Mr. Van Wyk:

This letter is to indicate the Fresno Irrigation District's (FID) support of the Fresno Metropolitan Flood Control District's (FMFCD) Dry Creek Flood Control Improvement Project grant application under the Stormwater Flood Management ("SWFM") Grant Program (Prop 1E). FID strongly supports FMFCD's plans to manage stormwater runoff to reduce flood risk and flood damages, improve public health and safety, and increase groundwater recharge within the Cities of Clovis and Fresno and the County of Fresno. FID has the responsibility to route flood water in its canal system through the Fresno/Clovis metropolitan area and it can attest to the importance of the improvement proposed in the Dry Creek Flood Control Improvement Project.

As a member of the Kings Basin Integrated Regional Water Management Plan, FID cooperatively manages groundwater and surface supplies within the region to provide a safe and sustainable water supply. Also under an agreement with FMFCD, surface water allocations to the two cities are delivered to stormwater basins for groundwater recharge, when the basins are not being utilized to collect stormwater.

Mr. Bob Van Wyk
General Manager-Secretary
Re: Letter of Support
Page 2 of 2

FID controls and routes stormwater out of the urban area in its canal facilities. We can attest to the need for more stormwater detention and storage facilities to retain stormwater within the region.. The additional storage facilities and improvements included in the Dry Creek Flood Control Improvement Project will greatly improve the joint effort of the FID and the FMFCD to limit flood damage and beneficially recharge stormwater within the local groundwater basin which includes the Fresno/Clovis metropolitan area.

Once again, FID strongly supports the FMFCD application. Each component of the project will provide critical improvements to managing stormwater runoff for the FID, City of Fresno, City of Clovis, and the County of Fresno.

Sincerely,



Gary R. Serrato
General Manager

cc: Jerry Lakeman, FMFCD
Laurence Kimura, FID
Bill Stretch, FID