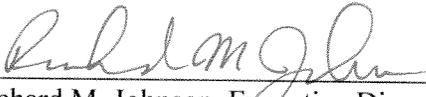


Attachment 1: Authorization and Eligibility Requirements

1. AUTHORIZING DOCUMENTATION

A draft resolution designating SAFCA's Executive Director as the authorized representative to submit and execute the Florin Creek Multi-Use Basin grant application appears on the following page. Due to the need for coordination with the USACE, coordination with project partners, and consultant design work up through the grant deadline, it was not possible to get the resolution approved prior to making this grant submittal. However, the SAFCA Board has been briefed on the project concept and staff's intent to submit this proposal. The authorizing resolution will be presented to the SAFCA Board for its approval at its next regularly scheduled meeting on February 21, 2013, and a copy of the executed resolution and SAFCA's self-certification that it participates or consents to be subject to a GWMP (the Central Sacramento County Groundwater Management Plan) will be provided to DWR as soon as is feasible thereafter.

Acknowledged:



Richard M. Johnson, Executive Director

1/30/2013

Date

RESOLUTION NO. 2013-_____

Adopted by the Sacramento Area Flood Control Agency

AUTHORIZING THE EXECUTIVE DIRECTOR TO SUBMIT A GRANT PROPOSAL AND ENTER A GRANT AGREEMENT WITH THE CALIFORNIA DEPARTMENT OF WATER RESOURCES FOR THE FLORIN CREEK MULTI-USE BASIN

WHEREAS, Florin Creek is a tributary to Morrison Creek in the southern part of the City of Sacramento (City) and in unincorporated Sacramento County (County); and

WHEREAS, the portion of Florin Creek between Franklin Boulevard and State Route 99 is planned to be improved as part of the Federally authorized South Sacramento Streams Group Project (Federal Project); and

WHEREAS, right of way constraints on Florin Creek may make it infeasible for the Federal Project to achieve 100-year flood protection in the vicinity within the federally authorized spending limit; and

WHEREAS, recent studies indicate that the flood risk along this portion of Florin Creek could be addressed in a cost-effective manner if the Federal Project expands the width of the existing channel and/or concrete lines the channel between Franklin Boulevard and State Route 99 in conjunction with a local project that detains 30-40 acre-feet in the vicinity of Florin Creek Park, thereby removing approximately 181 structures from the regulated floodplain and relieving the homeowners of the burden of costly flood insurance, and

WHEREAS, if such improvements are undertaken without necessitating an increase in the cost ceiling for the Federal Project, they could be implemented in a timely manner, provide at least 100-year flood protection to area residents, enhance Florin Creek Park, lessen funding demands on the Federal Project, and avoid the risk of future liability for the State of California that levees or floodwalls could entail.

NOW, THEREFORE, BE IT RESOLVED BY THE SACRAMENTO AREA FLOOD CONTROL AGENCY BOARD OF DIRECTORS THAT:

The Executive Director is hereby authorized to make application to the California Department of Water Resources to obtain Stormwater Flood Management grant funding pursuant to the Disaster Preparedness and Flood Prevention Bond Act of 2006 (Public Resource Code Section 5096.800 et seq.) and to enter into an agreement to receive a grant for the Florin Creek Multi-Use Basin. The Executive Director is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement with California Department of Water Resources in form approved by Agency Counsel.

ON A MOTION BY Director _____, seconded by Director _____, the foregoing resolution was passed and adopted by the Board of Directors of the Sacramento Area Flood Control Agency, this 21st day of February 2013, by the following vote, to wit:

AYES: Directors:
NOES: Directors:
ABSTAIN: Directors:
ABSENT: Directors:

DRAFT – executed copy to be submitted following SAFCA’s 2/21/2013 Board meeting

Chair of the Board of Directors of the Sacramento Area Flood Control Agency

(SEAL)

ATTEST:

Clerk of the Board of Directors

2. ELIGIBLE APPLICANT DOCUMENTATION

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

The Sacramento Area Flood Control Agency (SAFCA) was formed through a Joint Exercise of Powers Agreement between the City of Sacramento, Sacramento County, the County of Sutter, the American River Flood Control District, and Reclamation District 1000. As such, SAFCA is considered to be a local agency as defined in Appendix B of the 2012 Integrated Regional Water Management Proposition 84 and 1E Guidelines and in Section 6500 of the California Government Code.

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

As mentioned above, SAFCA was formed through a Joint Exercise of Powers Agreement between the City of Sacramento, Sacramento County, the County of Sutter, the American River Flood Control District and Reclamation District 1000. As such, SAFCA is authorized to operate under the Joint Exercise of Powers Act, California Government Code sections 6500 through 6599.3 (the "JPA Act").

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

SAFCA is authorized under Section 6503 of the JPA Act to enter into a grant agreement with the State of California.

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

SAFCA is solely responsible for the implementation of the project and is therefore solely responsible for the performance of the Proposal and tracking of funds.

3. GWMP COMPLIANCE

The Florin Creek Multi-Use Basin implemented by SAFCA may affect groundwater. SAFCA will self-certify that it participates or consents to be subject to a GWMP (the Central Sacramento County Groundwater Management Plan) as soon as is feasible after SAFCA's February 21 Board of Directors meeting.

4. PROJECT CONSISTENCY WITH AN ADOPTED IRWM PLAN

Although the South Sacramento Streams Group project (Federal Project) was included in the adopted ARB IRWM Plan, the Florin Creek Multi-Use Basin was not included in the IRWM Plan at the time of its adoption in 2006. The concept of a flood detention basin on Florin Creek

grew out of the 2011 efforts to assist the USACE in containing floods on the South Sacramento Streams Group. At that time, SAFCA evaluated detention basins on Florin Creek and Unionhouse Creek before ultimately deciding on a channel improvement project in Unionhouse Creek that was submitted and approved for funding in the 2011 Stormwater Flood Management grant round. The Unionhouse Creek project has since been constructed and is now providing the desired 100-year level of flood protection to structures in its vicinity.

In the meantime, USACE has continued the implementation of other SSSG flood improvements (the Federal Project), including design of channel improvements on Florin Creek. SAFCA, as a local partner, has participated in Federal Project meetings. USACE's current designs are based on the idea that with some storage capacity on Florin Creek near State Route 99, the remainder of 100-year flows below State Route 99 can be safely conveyed in the channel if it is improved with a combination of channel widening and lining (i.e. without creating new levees or floodwalls which would increase project cost, increase potential state liability in the event of a barrier failure, and potentially cause elevated flood stages further up the channel leading to an increase in the project extent). SAFCA has thus proceeded with the conceptual design for the Florin Creek Multi-Use Basin and has retained the engineering services of Wood Rodgers for this effort. Wood Rodgers is also the design engineer for the USACE on the Federal Project and thus has created a conceptual design that is consistent with the objectives of both projects.

The Florin Creek Multi-Use Basin is in the American River Basin (ARB) IRWM region. The project is consistent with the ARB IRWM Plan in the following ways:

- The project is compatible with and helps accomplish the objectives of the Federal Project, an ARB IRWM Plan listed project.
- The project helps achieve the IRWM stormwater and floodplain management goal “provide the highest practicable level of achieving flood control and stormwater quality in the region.” Together with the Federal Project, the basin will achieve at least 100-year flood protection for structures along the downstream reach of Florin Creek.
- The project is compatible with the IRWM groundwater management goal to “protect and enhance groundwater resources and groundwater quality in accordance with adopted GMPs [Groundwater Management Plans] in the region.” By redirecting peak flows from Florin Creek into the basin, it will allow sediments to settle out in the basin. During these periods, it may allow some water to percolate into the water table, and the project is being designed to allow space for future groundwater recharge wells to be installed if they are later desired.
- The project supports the IRWM ecosystem restoration objective to coordinate with agencies implementing ecosystem restoration projects. Native plants to be planted next to the creek will provide habitat for terrestrial and avian species moving up and down the Florin Creek corridor to open space areas to the east or west. It may also provide habitat for migratory birds moving north and south in the Central Valley and seeking pockets of refuge in the Sacramento urban area.
- The project has no adverse impacts on water supply, recycled water, or potable water quality, or other goals or objectives of the ARB IRWM Plan.

Project design has been coordinated with the Regional Water Authority (RWA) as the Regional Water Management Group (RWMG) that has prepared and managed the ARB IRWM Plan. SAFCA provided RWA with a summary project description that was circulated among ARB IRWM Plan stakeholders in January, 2013. Those stakeholders vetted the proposal and provided no objection to including it in the IRWM Plan. Evidence to that effect appears on the following pages, which include:

- Email from Rob Swartz, Senior Project Manager, Regional Water Authority (RWA), the Regional Water Management Group for the ARB IRWM Plan, acknowledging the vetting of the Florin Creek Multi-Use Basin by IRWM Plan stakeholders and the inclusion of the project in the Plan (2 pages).
- Capsule project description sent to Plan Stakeholders (2 pages).
- Email from stakeholder Alta Tura, President, Sacramento Creeks Council, supporting the project (2 pages).
- Email from stakeholder Ward Winchell, General Manager, Southgate Recreation and Park District, supporting the project (2 pages).

From: Rob Swartz [rswartz@rwah2o.org]
Sent: Monday, January 28, 2013 10:37 AM
To: ghelfip@saccounty.net
Cc: Mick Klasson; washburnt@saccounty.net
Subject: FW: SAFCA Flood Control Project for ARB IRWMP Vetting
Attachments: Florin Creek Multi-Use Basin capsule description.pdf; Sac Creeks Prop 1E.pdf; SG RPD Prop 1E.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Mr. Ghelfi,

This is in response to the Sacramento Area Flood Control Agency's (SAFCA) request to add the Florin Creek Multi-Use Basin to the American River Basin Integrated Regional Water Management Plan (ARB IRWMP). On January 17, 2013, I sent the message below and the attached project description to the full list of more than 150 stakeholders involved in the ARB IRWMP to ensure the project was fully vetted in the ARB IRWMP Region. We received two supportive comments from stakeholders, which I have attached here. No other comments were received. As the project includes integrated water management benefits consistent with the ARB IRWMP and it has been vetted, we consider the project to be incorporated into the ARB IRWMP. We appreciate SAFCA's active engagement in our IRWMP effort.

Please feel free to contact me with any questions.

Rob

Robert J. Swartz, PG, CHG
Regional Water Authority
Sacramento Groundwater Authority
5620 Birdcage Street, Suite 180
Citrus Heights, CA 95610
(916) 967-7692
(916) 967-7322 Fax

From: Rob Swartz
Sent: Thursday, January 17, 2013 1:17 PM
To: Rob Swartz
Subject: SAFCA Flood Control Project for ARB IRWMP Vetting

Hello all,

As we continue on the path to updating the American River Basin Integrated Regional Water Management Plan (ARB IRWMP), periodic funding opportunities arise that individual stakeholders will pursue on their own. One such opportunity is with the Department of Water Resources' Prop 1E Stormwater Flood Management Grant Program. The second round of applications is due on February 1, 2013. The application for these funds requires that a project either be part of an existing IRWMP or that it demonstrate that it has been vetted with the regional stakeholders.

I have been approached by the Sacramento Area Flood Control Agency (SAFCA), which would like apply for Prop 1E funding and is seeking to vet its project through the ARB IRWMP stakeholders.

I am attaching a summary of the proposed Florin Creek Multi-Use Basin Project for your information. If you have any questions or comments on the proposed project, please contact me by **Friday, January 25, 2013**.

Rob

Robert J. Swartz, PG, CHG
Regional Water Authority
Sacramento Groundwater Authority
5620 Birdcage Street, Suite 180
Citrus Heights, CA 95610
(916) 967-7692
(916) 967-7322 Fax

Florin Creek Multi-Use Basin

Proponent: Sacramento Area Flood Control Agency

Total Project Cost: being developed; estimated at \$2-3 million

Grant Funding Request: 50%; estimated at \$1-1.5 million

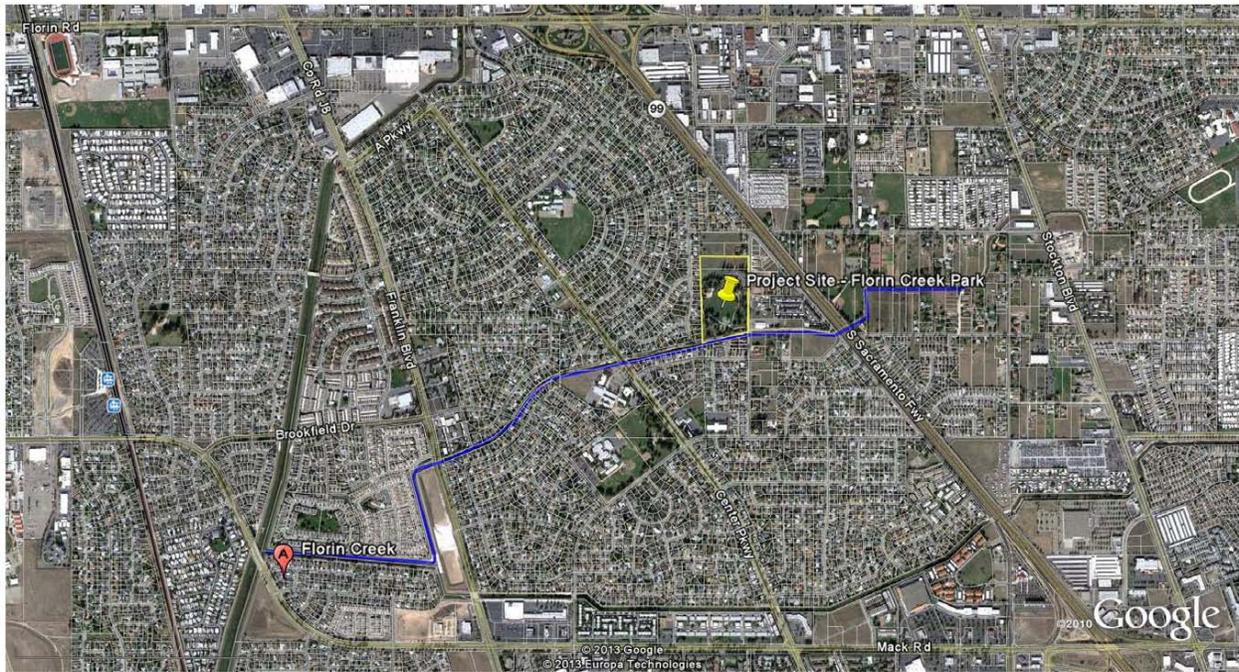
Florin Creek is a tributary to Morrison Creek in the southern part of the City of Sacramento and in the unincorporated Sacramento County. Florin Creek floods out of bank in 100-year and more frequent storms, affecting an estimated several hundred homes in a 100-year event.

The US Army Corps of Engineers (USACE) has constructed many flood improvements in the Morrison Creek watershed as part of the ongoing South Sacramento Streams Group (SSSG) federal project, but due to limits in congressionally-authorized funding, may not be able to finish the SSSG, including improvements on Florin Creek, in a way that provides at least 100-year level of flood protection. The Florin Creek Multi-Use Basin would be constructed at Florin Creek Park, just downstream from State Route 99. During major flood events, the basin would capture peak flows in Florin Creek, reducing peak flows downstream of the park. By so doing, it would allow the USACE to design channel improvements without reliance on floodwalls, thus keeping improvements within congressionally-authorized levels and allowing the improvements to be constructed in 2014. Together, the SSSG and the Florin Creek Multi-Use Basin would provide 100-year flood protection to the homes in this reach.

The grant will fund final design of the Florin Creek Multi-Use Basin, which is expected to provide 30-40 acre-feet of storage by excavating portions of the park. Privately-owned land adjacent to the park may be obtained to enlarge the park and allow adequate storage capacity for the basin. An easement for stormwater capture and storage will be obtained over the basin footprint. The Southgate Recreation and Park District (Southgate) is a project partner, and will continue to operate Florin Creek Park following enlargement of the park and construction of the basin. Recreational features will be replaced following site construction, and habitat features may be constructed. Space will be reserved for future groundwater recharge opportunities.

Project Benefits:

- Lessen flood flows downstream by storing peak flows and releasing them once creek flows have subsided.
- Reducing the size and expense associated with completing the SSSG federal project
- Providing, in conjunction with the SSSG, a minimum of 100-year flood protection along Florin Creek downstream of the project site.
- Reducing State liability for flood damages along this reach of Florin Creek
- Enlarge Florin Creek Park, providing increased recreational opportunities
- Provide environmental habitat and/or water quality benefits.



From: [Sac Creeks](#)
To: [Rob Swartz](#)
Subject: Re: SAFCA Flood Control Project for ARB IRWMP Vetting
Date: Thursday, January 17, 2013 1:40:44 PM

Hi Rob,
Sacramento Area Creeks Council supports flood protection projects such as the one SAFCA describes here because it should decrease flows downstream by mimicking a pre-development natural condition that held back stormwater through natural depressions/swales and pervious natural surfaces. Another benefit is the elimination of flood walls, a man-made flood protection strategy that can have various negative impacts on the watershed. We would be in stronger support of the proposal if the "habitat features" were a more definite component of the project.
Thank you for giving us the opportunity to comment!
Alta

On Thu, Jan 17, 2013 at 1:16 PM, Rob Swartz <rswartz@rwah2o.org> wrote:

Hello all,

As we continue on the path to updating the American River Basin Integrated Regional Water Management Plan (ARB IRWMP), periodic funding opportunities arise that individual stakeholders will pursue on their own. One such opportunity is with the Department of Water Resources' Prop 1E Stormwater Flood Management Grant Program. The second round of applications is due on February 1, 2013. The application for these funds requires that a project either be part of an existing IRWMP or that it demonstrate that it has been vetted with the regional stakeholders.

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Rob

Robert J. Swartz, PG, CHG
Regional Water Authority

Sacramento Groundwater Authority
5620 Birdcage Street, Suite 180
Citrus Heights, CA 95610
[\(916\) 967-7692](tel:9169677692)
[\(916\) 967-7322](tel:9169677322) Fax

--

Alta Tura, President
Sacramento Area Creeks Council
916 454-4544 voice & fax, 916 214-4544 cell/text
saccreeks@gmail.com [facebook.com/CreekWeek.Sac](https://www.facebook.com/CreekWeek.Sac)

American River Basin IRWM: Florin Creek Multi-Use Basin

Rob Swartz

From: Ward Winchell [wwinchell@southgaterecandpark.net]
Sent: Tuesday, January 22, 2013 4:36 PM
To: Rob Swartz
Subject: RE: SAFCA Flood Control Project for ARB IRWMP Vetting

Dear Mr. Swartz,

We have been impressed by SAFCA and USACOE's creativity with this project. Even though they have made improvements downstream, many people along Florin Creek are still at risk for significant flooding. It is an established older neighborhood and there really isn't any vacant land available to help relieve the flooding. They have figured out a way to enhance the safety of the community by using the open space in our park. It will cost the state, federal and local agencies much less than any alternatives.

SAFCA and their consultants have been sensitive to the impact the project will have on park users and the neighborhood. If we all work together, we will have a much better drainage storage system. The project will also enhance environmental habitat and create riparian areas. The increased size of the park will expand recreation opportunities for the community.

Please let me know if you need any further information.

Sincerely,

Ward P. Winchell
General Manager
Southgate Recreation & Park District
6000 Orange Avenue
Sacramento, CA 95823

916-428-1171 ext. 11

From: Rob Swartz [<mailto:rswartz@rwah2o.org>]
Sent: Thursday, January 17, 2013 1:17 PM
To: Rob Swartz
Subject: SAFCA Flood Control Project for ARB IRWMP Vetting

Hello all,

American River Basin IRWM: Florin Creek Multi-Use Basin

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