

ATTACHMENT 1

AUTHORIZATION & ELIGIBILITY
REQUIREMENTS

Authorizing Documentation:

Please see attached resolution adopted by the San Bernardino County Board of Supervisors on January 29, 2013. The resolution designates an authorized representative to submit the application and execute an agreement with the State of California for a Storm Water Flood Management (SWFM) Grant.

Eligible Applicant Documentation

The applicant is a local agency as defined in Appendix B of the guidelines. The applicant is the San Bernardino County Flood Control District.

The San Bernardino County Flood Control District was created by the California Legislature by the San Bernardino Flood Control District Act, Chapter 73, Statutes of 1939, adopted and effective April 20, 1939.

The San Bernardino County Flood Control District has legal authority to enter into a grant agreement with the State of California.

By the legislative action, the District is empowered with broad functions including flood control and prevention; water supply, its protection, development and conservation; watershed and watercourse protective measures; and other wide powers in harmony with these interests. Associated with these are the further powers necessary in their performance such as taxation, bonded indebtedness, land and water rights acquisition and cooperative undertakings with local, state and federal agencies.

The San Bernardino County Flood Control District and Mojave Water Agency are working together to ensure the goals and objectives of the proposed project are completed though no formal agreement has been processed at this point. Currently only the San Bernardino County Flood Control District is responsible to ensure performance of the proposal and tracking of funds.

GWMP Compliance

Amethyst Basin will serve the dual purpose of a storm water detention basin and a recharge facility.

The Mojave Water Agency (MWA) will implement the recharge portion of the project. The Mojave Water Agency (MWA) was formed by an act of the California Legislator in 1959 for the management of groundwater resources in portions of the Mojave Basin and Morongo Basin.

The Mojave Water 2004 Regional Water Management Plan(IRWM) plan also serves as Groundwater Management Plan (GWMP) and is in compliance with CWC §10753.7

Consistency with an adopted IRWM Plan

The Amethyst Basin Project is a high priority recharge Basin in the Mojave Water 2004 Regional Water Management Plan(IRWM), adopted by February 24, 2005.

This plan serves as an Integrated Regional Water Management Plan as well as

Groundwater Management Plan and Urban Water Management Plan and meets the requirements of SB 221, SB 610, SB 1938 and AB 901.



**San Bernardino County
Flood Control District**

F A S

CONTRACT TRANSMITTAL

FOR OFFICIAL USE ONLY

<input checked="" type="checkbox"/> New	FAS Vendor Code		Dept.	Contract Number				
<input type="checkbox"/> Change			SC	A				
<input type="checkbox"/> Cancel								
ePro Vendor Number			ePro Contract Number					
Flood Control District			Dept. 097	Orgn. 097	Contractor's License No.			
Contract Representative			Telephone		Total Contract Amount			
Melissa Walker, Chief, FC Planning Division			909-387-8120					
Contract Type <input type="checkbox"/> Revenue <input type="checkbox"/> Encumbered <input type="checkbox"/> Unencumbered <input checked="" type="checkbox"/> Other: Grant application								
If not encumbered or revenue contract type, provide reason:								
Commodity Code		Contract Start Date	Contract End Date	Original Amount	Amendment Amount			
				\$				
Fund RFQ	Dept. 094	Organization 094	Appr.	Obj/Rev Source	GRC/PROJ/JOB No.	Amount		
Project Name Amethyst Basin Proposition 1E Grant			Estimated Payment Total by Fiscal Year					
			FY	Amount	I/D	FY	Amount	I/D

CONTRACTOR California Department of Water Resources (DWR)

Federal ID No. or Social Security No. _____

Contractor's Representative Paula Landis - Chief, Division of IRWM

Address P.O. Box 942836 Sacramento CA 94236-0001 Phone (916) 651-9220

Nature of Contract: Amethyst Basin is critical to the flood risk reduction and water recharge efforts of both the San Bernardino Flood Control District and the Mojave Water Agency (MWA). The basin is part of a three (3) phase project that will help to eliminate any potential increase in flood hazard due to planned development in the area. This basin will provide flood protection not only to the immediate vicinity, but also to the areas downstream because the basin creates a reduction in the peak outlet flow. This reduction allows the outlet and downstream facilities to flow at a lower peak rate, and therefore to be designed with smaller maximum capacities.

Secondary benefits include the ground water recharge which will be administered by the MWA. Amethyst Basin is an element of the MWA's Integrated Regional Water Management Plan.

Approved as to Legal Form (sign in blue ink)	Reviewed as to Contract Compliance	Presented to Board for Signature
Counsel		
Date <u>1-17-13</u>	Date <u>1/17/13</u>	Date <u>1/18/13</u>

(Attach this transmittal to all contracts not prepared on the "Standard Contract" form.)

Auditor-Controller/Treasurer/Tax Collector Use Only

<input type="checkbox"/> Contract Database	<input type="checkbox"/> FAS
Input Date	Keyed By

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS
OF THE SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT
AND RECORD OF ACTION**

January 29, 2013

**FROM: GERRY NEWCOMBE, Director
Flood Control District**

**SUBJECT: GRANT APPLICATION TO THE CALIFORNIA DEPARTMENT OF WATER
RESOURCES, STORMWATER FLOOD MANAGEMENT PROGRAM –
AMETHYST BASIN, CITY OF VICTORVILLE**

RECOMMENDATION(S)

Acting as the governing body of the San Bernardino County Flood Control District (District):

1. Approve grant application for California Department of Water Resources, Stormwater Flood Management Program funding in the amount of \$5,254,480 for the construction of Amethyst Basin located in the City of Victorville (City).
2. Adopt **Resolution No. 2013-13** authorizing the application and an agreement with the California Department of Water Resources (DWR) to receive the grant and authorizes the Director or the Flood Control Deputy Director, to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement.
3. Adopt **Resolution No. 2013-14** that approves the Mojave Water Agency's 2004 Integrated Regional Water Management Plan (IRWM).

(Presenter: Gerry Newcombe, Director, 387-7906)

BOARD OF SUPERVISORS COUNTY GOALS AND OBJECTIVES

Create, Maintain and Grow Jobs and Economic Value in the County.

Operate in a Fiscally-Responsible and Business-Like Manner.

Ensure Development of a Well-Planned, Balanced, and Sustainable County.

Maintain Public Safety.

FINANCIAL IMPACT

Approval of this item will result in no Discretionary General Funding (Net County Cost) as the District is not financed by the General Fund. The District's Amethyst Basin project is estimated at a total cost of approximately \$10.84 million. Should this application compete successfully, up to approximately \$5.42 million may be awarded to the District to mitigate the cost of this project. The remaining costs are being financed by funds available in the District's Zone 4 Budget.

BACKGROUND INFORMATION

Approval of this item will approve a grant application for the DWR Stormwater Flood Management Program funding in the amount of \$5,254,480 for the construction of the District's Amethyst Basin located in the City. Approval of this item will also adopt a resolution that authorizes the application and an agreement with the DWR to receive the grant and authorizes the Director or the Flood

w/resolutions:
cc: Flood Control-Newcombe w/one original transmittal
CAO-Valdez
File - Flood Control w/one original transmittal, resolutions & CD
ml 01/30/13

ITEM 78

Record of Action of the Board of Supervisors
APPROVED (CONSENT CALENDAR)
COUNTY OF SAN BERNARDINO
County Flood Control District

MOTION	<u>AYE</u>	<u>AYE</u>	<u>MOVE</u>	<u>SECOND</u>	<u>AYE</u>
	1	2	3	4	5

LAURA H. WELCH, CLERK OF THE BOARD
BY 
DATED: January 29, 2013

**GRANT APPLICATION TO THE CALIFORNIA DEPARTMENT OF WATER
RESOURCES, STORMWATER FLOOD MANAGEMENT PROGRAM –
AMETHYST BASIN, CITY OF VICTORVILLE
JANUARY 29, 2013
PAGE 2 OF 2**

Control Deputy Director, to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement. The resolution is necessary for this grant application as it is a requirement of the DWR grant application instructions.

DWR has Stormwater Flood Management Program grant funding available pursuant to the Disaster Preparedness and Flood Prevention Bond Act of 2006 pursuant to and subject to all the terms and provisions of California public Resources Code Section 75032. The grant has a 50% match requirement.

The District has prepared a grant application for the construction of Amethyst Basin. This project is currently in the design and environmental analysis phase. This basin is an essential flood control facility that will aid in providing adequate storm protection infrastructure to the City. This basin will provide flood protection not only to the immediate vicinity, but also to the areas downstream because the basin creates a reduction in the peak outlet flow. This reduction allows the outlet and downstream facilities to flow at a lower peak rate, and therefore to be designed with smaller maximum capacities.

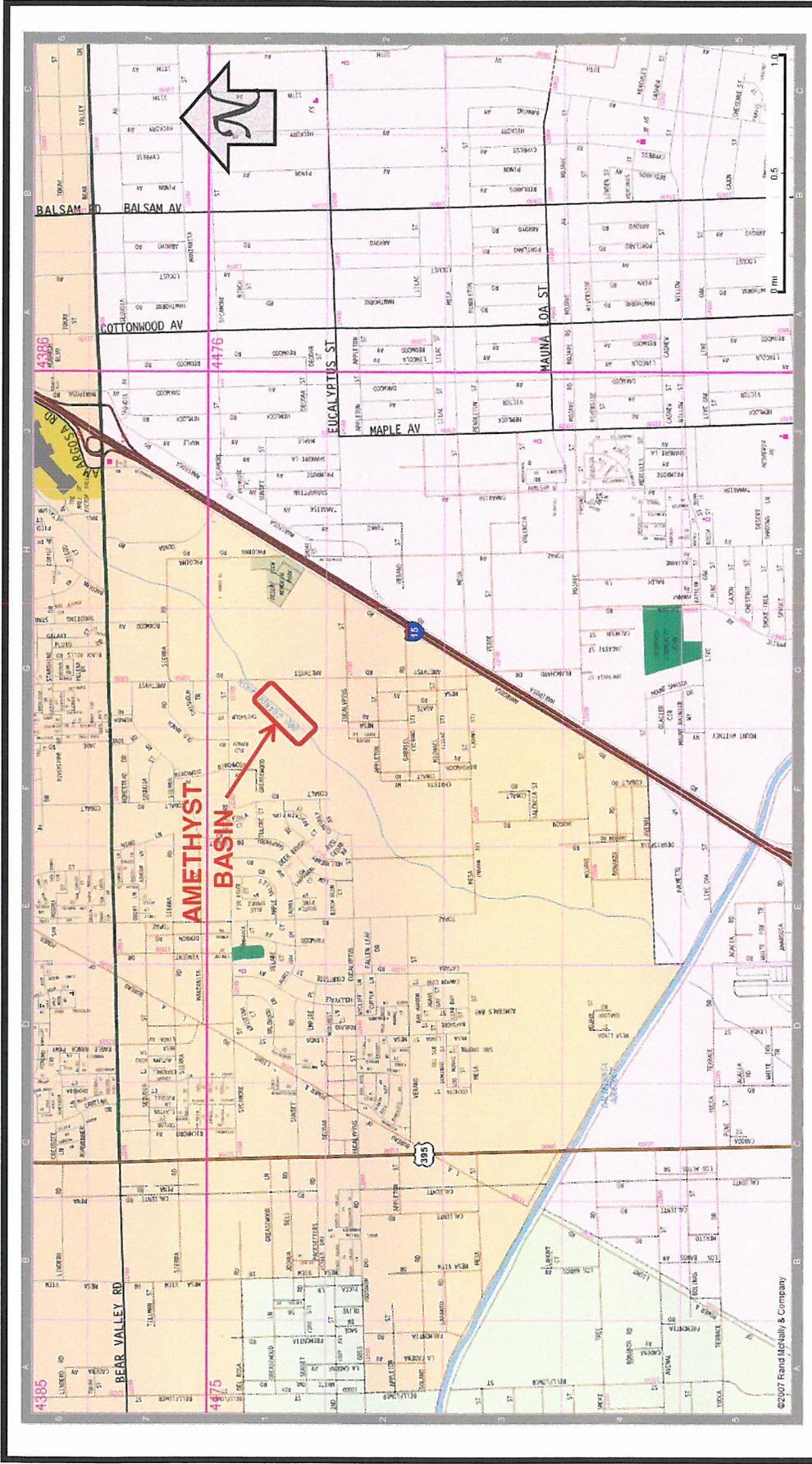
Secondary benefits include the potential increase in water supply due to additional recharge capacity and improved water quality due to decreased floodwater contamination. The Stormwater Flood Management Program is administered by DWR.

Submittal of an application will not guarantee allocation of funds. The grant application submittal is due on February 1, 2013.

REVIEW BY OTHERS

This item has been reviewed by County Counsel (Charles S. Scolastico, Principal Assistant County Counsel, 387-5455) on January 8, 2013 and the County Administrative Office (Beatriz Valdez, Public Works Chief Financial Officer, 387-1852) on January 11, 2013.





COUNTY OF SAN BERNARDINO
 DEPARTMENT OF PUBLIC WORKS
 FLOOD CONTROL DISTRICT

AMETHYST BASIN
 STORMWATER FLOOD REDUCTION PROJECT
 PROP 1E GRANT



LOCATION MAP
 Work Order No. F01336
 Latitude: 34.460 N Longitude: -117.368 W

RESOLUTION NO. 2013-13

RESOLUTION OF THE BOARD OF SUPERVISORS
SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT
AUTHORIZING GRANT APPLICATION AND EXECUTION
OF ANY RESULTING AGREEMENT WITH
THE CALIFORNIA DEPARTMENT OF WATER RESOURCES REGARDING THE STORMWATER FLOOD
MANAGEMENT GRANT PROGRAM

On Tuesday January 29, 2013, on motion of Supervisor Ramos, duly seconded by Supervisor Ovitt and carried, the following resolution is adopted by the Board of Supervisors of the San Bernardino County Flood Control District, State of California.

WHEREAS, the California Department of Water Resources (DWR) has Stormwater Flood Management Program grant funding available pursuant to the Disaster Preparedness and Flood Prevention Bond Act of 2006 pursuant to and subject to all the terms and provisions of California Public Resources Code Section 75032; and,

WHEREAS, the San Bernardino County Flood Control District seeks to obtain Stormwater Flood Management grant funding from the DWR pursuant to the Disaster Preparedness and Flood Prevention Bond Act of 2006 for the Amethyst Basin project, which is currently in the design and environmental phase, consisting of the construction of an unlined detention basin and a system of basin inlets and outlets to route storm runoff in a controlled manner.

BE IT FURTHER RESOLVED that the Director or the Flood Control Deputy Director of the San Bernardino County Flood Control District is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement with the California Department of Water Resources.

PASSED AND ADOPTED by the Board of Supervisors of the San Bernardino County Flood Control District, State of California, by the following vote:

AYES: SUPERVISORS: Lovingood, Rutherford, Ramos, Ovitt, Gonzales

NOES: SUPERVISORS: None

ABSENT: SUPERVISORS: None

* * * * *

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN BERNARDINO)

I, **LAURA H. WELCH**, Clerk of the Board of Supervisors of the San Bernardino County Flood Control District, State of California, hereby certify the foregoing to be a full, true and correct copy of the record of the action taken by the Board of Supervisors, by vote of the members present, as the same appears in the Official Minutes of said Board at its meeting of January 29, 2013. Item no. 78, ml.

LAURA H. WELCH
Clerk of the Board of Supervisors

By  Deputy




[13846 Conference Center Drive](http://13846.Conference.Center.Drive) ♦ [Apple Valley, California 92307](http://Apple.Valley,California.92307)
Phone (760) 946-7000 ♦ Fax (760) 240-2642 ♦ www.mojavewater.org

November 28, 2012

California Department of Water Resources
Division of Integrated Regional Water Management
Sacramento, California

RE: Letter of Support Regarding San Bernardino County Flood Control District's Application for Proposition 1E Stormwater Flood Management Round 2 Grant for the Amethyst Basin Stormwater Flood Reduction Project

To Whom It May Concern:

This letter is to express Mojave Water Agency's (MWA) support for San Bernardino County Flood Control District's (SBCFCD) application for Proposition 1E Stormwater Flood Management (SWFM) Round 2 Grant for the Amethyst Basin Stormwater Flood Reduction project, located along the Oro Grande Wash.

MWA and SBCFCD have been jointly pursuing the Amethyst Basin project to reduce flooding and provide water recharge to the Mojave Basin Area. The Amethyst Basin has been identified as a vital component to achieving the goals and objectives outlined in the California Water Plan 2009. Upon completion the project, in conjunction with MWA's Oro Grande Retention Ponds, the project will serve as a dual-use facility for flood control and groundwater recharge.

The project has been identified as a "*high priority*" project in the MWA's *2004 Integrated Regional Water Management Plan*. Over the past several years the site has undergone extensive subsurface exploration, pilot testing, and mathematic modeling by the United States Geological Survey and MWA professional scientists to ensure the site is suitable for groundwater recharge. MWA recently completed construction of a pipeline connecting to a siphon on the East Branch of the State Water Project (SWP) that will serve the Amethyst Basin site once the retention ponds and basin are complete.

Once the Amethyst Basin is constructed the facility will be capable of recharging up to an estimated 3,600 acre-feet per year of SWP water to the Alto Subarea of the Mojave Basin Area, in southwest Victorville (see Attachment A). Without the Amethyst basin, the existing MWA facilities are only able to deliver less than 1,000 acre-feet per year.

Groundwater recharge benefits actualized from the project will become part of MWA's conjunctive use program and will meet replacement water needs under the Mojave Basin Area Judgment. In addition, the project will help offset declining groundwater levels which have been occurring for the last 60 years.

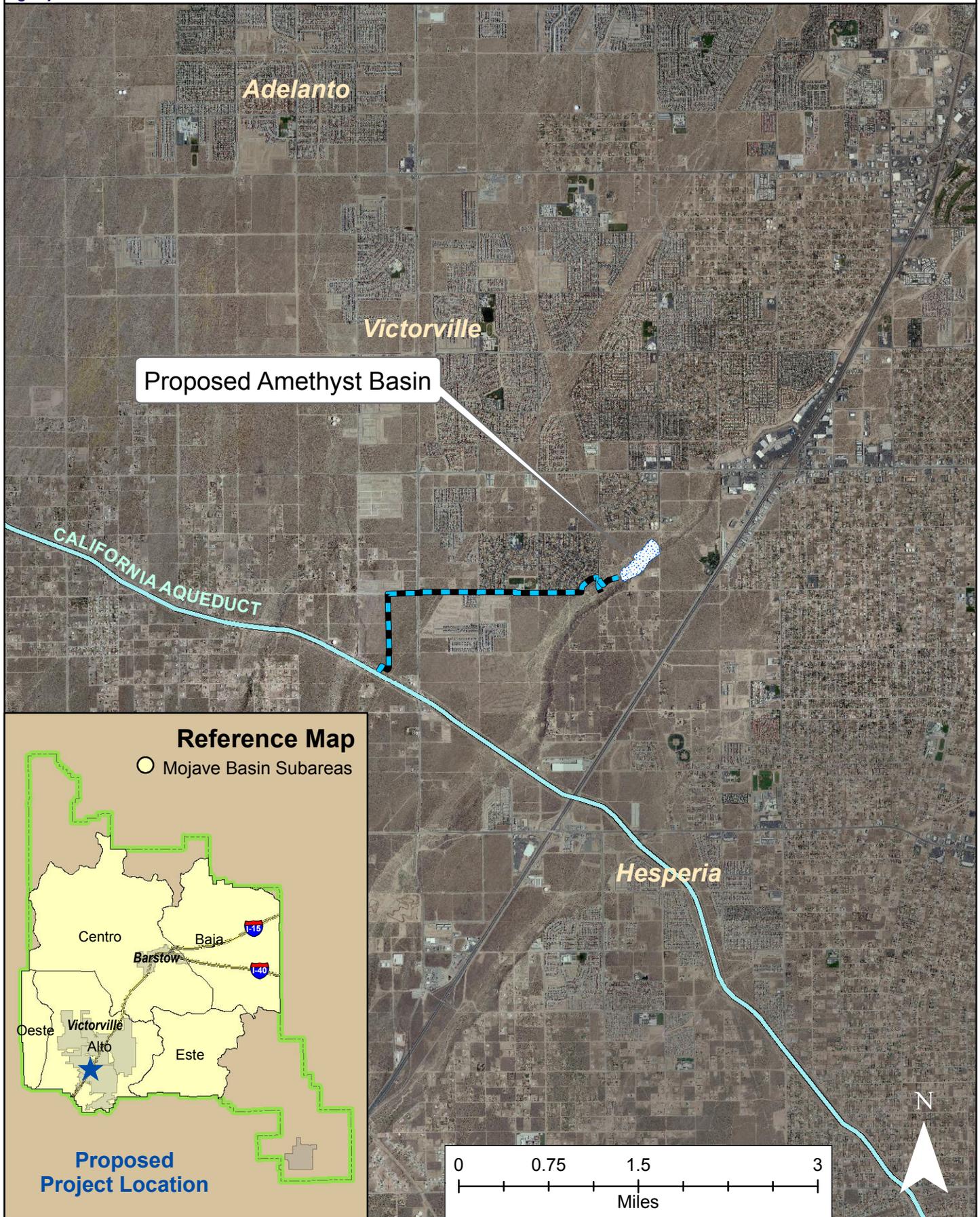
Please accept this letter as evidence of our strong support of the Amethyst Basin Stormwater Reduction project and request that DWR consider approving funds toward SBCFCD's grant proposal.

If you have any questions, please contact me at (760) 946-7000. Thank you for your consideration.

Sincerely,

Kirby Brill
General Manager

Amethyst Basin Project Location





December 17, 2012

California Department of Water Resources
Division of Integrated Regional Water Management
Financial Assistance Branch
Post Office Box 942836
Sacramento, CA 94236-0001

RE: Letter of Support Regarding San Bernardino County Flood Control District's Application for Proposition 1E Stormwater Flood Management Round 2 Grant for the Amethyst Basin Stormwater Flood Reduction Project

To Whom It May Concern:

This letter is to express the City of Victorville's support for San Bernardino County Flood Control District's (SBCFCD) application for Proposition 1E Stormwater Flood Management (SWFM) Round 2 Grant for the Amethyst Basin Stormwater Flood Reduction project, located along the Oro Grande Wash.

The City of Victorville and SBCFCD have been jointly pursuing the Amethyst Basin project to reduce flooding, provide water recharge to the Mojave Basin Area and reduce or eliminate overbank flow and community flooding. The Amethyst Basin has been identified in the Victorville Master Plan of Drainage as a vital component to achieving the goals and objectives outlined in the California Water Plan 2009. It is Victorville's highest priority flood control project.

The San Bernardino County Flood Control District and the City of Victorville have been jointly pursuing this project for many years. The design is nearly complete, right of way activities are underway and now it is time to fully fund the project.

Please accept this letter as evidence of Victorville's strong support for the Amethyst Basin Stormwater Reduction project and a request that DWR provide funding for this high priority project. If there are any questions or if information from the City is needed, I may be contacted at 760-955-5156.

Sincerely,

A handwritten signature in black ink that reads "Brian W. Gengler".

Brian W. Gengler, P.E.
City Engineer

BWG:sg

cc: Harold Zamora, County of San Bernardino, DPW, Flood Control Planning Division