



## BOARD OF SUPERVISORS AGENDA ITEM REPORT

Requested Board Meeting Date: 7/5/2022

*\*= Mandatory, information must be provided*

Click or tap the boxes to enter text. If not applicable, indicate "N/A".

**\*Title:**

Resolution Approving a Bureau of Reclamation WaterSMART Grant Application for the Massingale Basin Denny Dunn Park Beneficial Use of Stormwater Project

**\*Introduction/Background:**

Bureau of Reclamation (BOR) funds are available to communities for projects that increase drought resiliency by providing water supply or supply savings during times of drought. Both the Board-approved Pima County Floodplain Management Plan and County Administrator's Directive on Beneficial Use of Stormwater direct the Pima County Regional Flood Control District (District) to pursue neighborhood-scale projects that beneficially use stormwater to mitigate the impacts of climate change including drought and flooding. This Resolution is required by BOR as part of the Grant application process.

**\*Discussion:**

The District has evaluated the feasibility of using the stormwater collected in the retention basin located at the northeast corner of Massingale Road and Camino de Oeste for beneficial purposes. The proposed project would store and filter water coming into the basin for use in irrigating County-owned Denny Dunn Park located adjacent to the basin. Currently the park uses potable water. Habitat enhancements are also proposed, which would also be supported by harvested water. In addition, District proposes the installation of dry wells within the basin to enhance groundwater recharge, and reduce the frequency and volume of flows out of the basin. The feasibility study showed that between 3.5 and 14 acre-feet could be harvested each year offsetting a direct irrigation cost to the County of \$30,000 per year. Furthermore, this project met the cost benefit standards of the grant application. The total cost is estimated to be \$4,000,597.82 with the grant providing 50%.

**\*Conclusion:**

In addition to furthering the County's goal of using stormwater beneficially to mitigate flooding and drought, the project will provide a neighborhood amenity and habitat at a lower annual operating cost than the current park design and provide a federal match of 50%, or \$4,000,597.82.

**\*Recommendation:**

The District recommends that the Board adopt this Resolution approving the grant application.

**\*Fiscal Impact:**

Fifty percent (50%) of the project cost including administration; \$4,000,597.82 will be included in the FY 2023/24 budget should the grant application be successful.

**\*Board of Supervisor District:**

☒ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5   ☐ All

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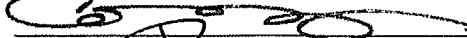
Department: Regional Flood Control District


Telephone: 724-4600

Contact: Eleonora Demaria

Telephone: 724-4608

Department Director Signature:  Date: 6/16/22

Deputy County Administrator Signature:  Date: 6/16/2022

County Administrator Signature:  Date: 6/16/2022

*(Resolution Approving a Bureau of Reclamation WaterSMART Grant Application for the Massingale Basin Denny Dunn Park Beneficial use of Stormwater Project)*

7/14/2021

**RESOLUTION NO. 2022-FC\_**

**A RESOLUTION OF THE PIMA COUNTY FLOOD CONTROL DISTRICT BOARD OF DIRECTORS APPROVING A BUREAU OF RECLAMATION WATERSMART DROUGHT RESILIENCY GRANT APPLICATION FOR THE MASSINGALE BASIN - DENNY DUNN PARK BENEFICIAL USE OF STORMWATER PROJECT.**

**The Board of Directors of the Pima County Flood Control District finds:**

1. Pima County is experiencing severe drought causing significant water supply challenges that could jeopardize the ability to meet demands including habitat and park amenity demands, resulting in a need for supplementing supplies during extreme conditions.
2. The WaterSMART Drought Response Program is a federal program enabling water providers including Counties to apply for Federal funds for drought resiliency projects.
3. The Pima County Regional Flood Control District (District) owns and operates the Massingale Retention Basin which is capable of harvesting stormwater for beneficial use to offset potable water irrigation demand in the adjacent Denny Dunn Park and which can provide groundwater recharge and additional habitat and urban cooling, during drought if modified to do so.
4. The Floodplain Management Plan adopted by the Board of Supervisors by Resolution 2020-FC1 directs the District to pursue beneficial use of stormwater projects to offset climate change including drought, increasing flood frequency and severity.

**NOW, THEREFORE, BE IT RESOLVED**, that the District's Board of Directors hereby:

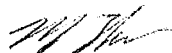
1. Supports the WaterSMART Drought Resiliency Project Grant application for the Massingale Basin Denny Dunn Park Beneficial Use of Stormwater Project; and
2. Directs the District to engage stakeholders during implementation;
3. Authorizes District staff to do all things necessary to implement the Grant including providing for the required matching funds in the District's Annual Budget and to work with the Bureau of Reclamation to meet established deadlines for entering into a grant or cooperative agreement.

**PASSED AND ADOPTED** this       day of       , 2022.

\_\_\_\_\_  
Chair, Board of Directors

ATTEST:

APPROVED AS TO FORM:



\_\_\_\_\_  
Clerk of the Board

\_\_\_\_\_  
Deputy County Attorney