



# SPLASH PAD OPERATIONS

November 8, 2022





# Splash Pad Operations

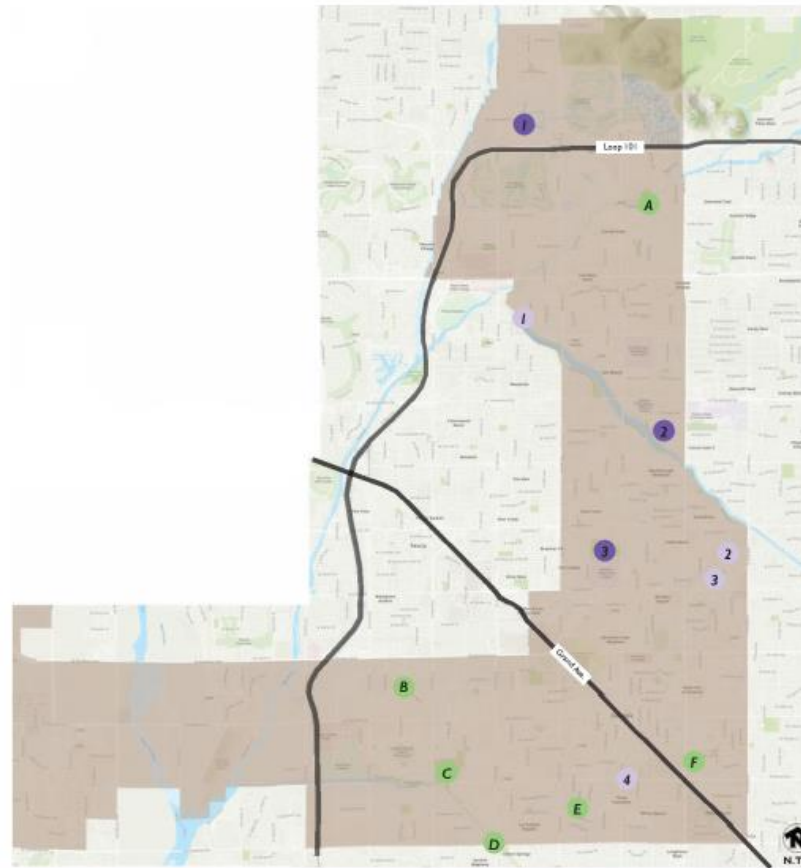
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FY 2023-2032 Capital Improvement Program includes nine splash pads.

- Full-scale construction
  - Sunset Palms Park, Sahuaro Ranch Park, Sierra Verde Park
- Small-scale construction
  - Locations to be determined
- Renovation
  - Heroes Regional Park, Sycamore Grove Park, Grand Canal Linear Park



# Splash Pad Operations



## Facilities with Existing Splash Pads

- A - Foothills Recreation and Aquatics Center (Pool and Water Features)
- B - Sycamore Grove Park
- C - Heroes Regional Park
- D - Grand Canal Linear Park
- E - O'Neil Park
- F - Rose Lane Aquatics Center (Pool and Water Features)

## Facilities with Proposed Splash Pads

### Full Scale

- 1 - Sierra Verde Park
- 2 - Sunset Palms Park
- 3 - Sahuaro Ranch Park

### Small Scale

- 1 - Greenway Granada Park
- 2 - Sunset Park
- 3 - Mission Park
- 4 - Bonsall Park

November 30, 2021



MID-CITY SPLASH PAD  
EXISTING AND PROPOSED AQUATIC FACILITIES





# Splash Pad Operations

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## *Recirculating System*

### **PROS**

- Reduced water usage vs pool usage
- Water continuously filtered and reused
- Water is disinfected, then sprayed onto play area

### **CONS**

- Requires water treatment equipment
- Operator input required
- Increased general liability



# Splash Pad Operations

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## *Recirculating System*

### **CONS**

- Additional expense
- Permitting requirements
- Cost of chemicals
- Pump house is required
- Electrical costs for filter equipment
- Labor cost to manage



# Splash Pad Operations

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## *Direct to Drain System*

### **PROS**

- No added cost, only pay for water usage
- Runs off city water pressure and drains back into the city wastewater system
- Easy to operate
- Low maintenance, no chemical checks
- No user exposure to chemicals, lower general liability



# Splash Pad Operations

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## *Direct to Drain System*

### **PROS**

- Faster installation
- Fewer permitting requirements
- No pump house required
- Low electric usage



# Splash Pad Operations

## Operating Plan for Drought Management:

	<b>Current Hours of Operation</b>	<b>Reduced Hours of Operation</b>
<b>Stage 1:</b>	11:00 a.m. – 7:00 p.m.	11:00 a.m. – 6:00 p.m.
<b>Stage 2:</b>		11:00 a.m. – 5:00 p.m.
<b>Stage 3:</b>		Weekends Only (June and July)
<b>Stage 4:</b>		Closed



# Splash Pad Operations

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## Recommendations:

- Install AMR Meter
- Identify days of the week, and hours of day usage
- Utilize data to manage



# Splash Pad Operations

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## Options:

**A. Hold off on new splash pad construction**

**B. Continue as planned**

**C. Hybrid**

- Convert Heroes Splash Pad to direct to drain system
- Manage hours of the day and water usage
- Delay implementation as we gather data and usage



# Splash Pad Operations

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QUESTIONS