

# UDF FLUSHING: DRIVING EXCELLENCE IN WATER QUALITY

A Smarter Cycle. Cleaner Mains. Stronger System.

## 1 STORED IN THE BASIN

Stormwater is collected in irrigation storage basins throughout the community.

## 2 INTO THE NON-POTABLE DISTRIBUTION SYSTEM

Water is pumped from the basin into the non-potable irrigation distribution system.

## 3 USED FOR IRRIGATION

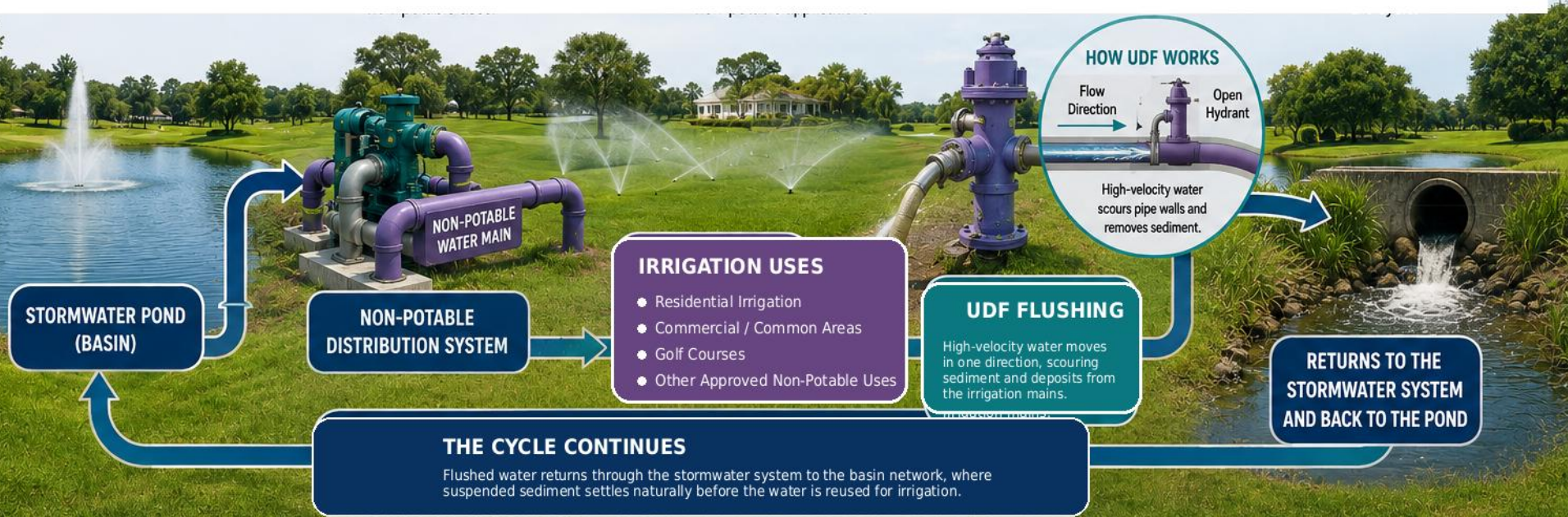
Residential, commercial/common-area, golf-course and other approved non-potable irrigation uses.

## 4 UDF FLUSHING

Sections are isolated so water moves in one direction at high velocity, scouring sediment and deposits from the mains.

## 5 BACK THROUGH STORMWATER

Flushed water may flow through streets and gutters into stormwater, then returns to irrigation storage basins for reuse.



## RESIDENT QUICK GUIDE



### WHAT YOU MAY SEE

Temporary water flow in streets and gutters during flushing is normal. Water enters the stormwater system and returns to the basin network.



### WATER IS NOT WASTED

Returned water flows back to irrigation storage basins, where suspended sediment settles naturally before the water is reused.



### NO DIRECT RESIDENTIAL CHARGE

Water used for UDF operations is not billed to individual residential accounts.



### DRINKING WATER UNAFFECTED

This work does not affect drinking-water quality or pressure.

CLEANER MAINS. RELIABLE IRRIGATION. | WORKING TOGETHER FOR A STRONGER SYSTEM.

# UDF FLUSHING: WHAT RESIDENTS SHOULD KNOW

SEWWCA Irrigation System | Districts 12-14

BEGINNING SEPTEMBER 2026

Approx. 5 months to complete

## WHY THE DISTRICT IS FLUSHING THE SYSTEM

Unidirectional flushing is preventive maintenance used to keep the irrigation system functioning efficiently and reliably. By isolating sections and moving water at higher velocity in one direction, UDF removes sediment, sand, silt, algae, organic material and mineral deposits that naturally accumulate inside irrigation pipes.

## BENEFITS OF UNIDIRECTIONAL FLUSHING



### IMPROVED FLOW & IRRIGATION PRESSURE

Removes deposits that can restrict pipes and reduce irrigation pressure.



### REDUCED MAINTENANCE

Helps prevent clogged valves, sprinkler heads, filters and other irrigation components.



### EXTENDED INFRASTRUCTURE LIFE

Reduces sediment-related wear on pumps, valves and piping.



### MORE CONSISTENT IRRIGATION

Supports reliable water delivery throughout residential, commercial/common-area and golf-course irrigation.



### IMPROVED IRRIGATION WATER QUALITY

Removes organic material that can contribute to odors, discoloration or biological growth.



### EARLIER IDENTIFICATION OF ISSUES

Can help identify leaks, damaged valves and areas with excessive sediment accumulation.

## WATER IS RETURNED AND REUSED



Flushed water moves through the stormwater collection system and returns to irrigation storage basins. Suspended sediment settles naturally before the water is reused for future irrigation.

## WHAT RESIDENTS MAY SEE

- Temporary water flow in streets and gutters during flushing. This is normal.
- Water entering storm drains and returning to the basin network.
- Work crews operating valves and designated flushing points.

## GOOD TO KNOW



### NO DIRECT RESIDENTIAL CHARGE

Water used for UDF operations is not billed to individual residential accounts.



### DRINKING WATER UNAFFECTED

This maintenance work does not affect drinking-water quality or pressure.

# WHERE UDF FLUSHING WILL TAKE PLACE

SEWWCA Irrigation System | 32 Targeted Zones Across Districts 12-14

## PROJECT LOCATION GUIDE

The 32 target zones cover the SEWWCA irrigation service area in Districts 12, 13 and 14. The zones follow irrigation-system hydraulics and flushing sequences, so they do not align one-for-one with Village boundaries.

## APPROVED UDF ZONE MAP

Zones 1-32 from the approved SEWWCA UDF plan



The approved plan divides the SEWWCA irrigation network into 32 hydraulic flushing zones. Each zone may include portions of more than one Village.

## VILLAGES IN THE PROJECT AREA

SEWWCA service area within Districts 12-14

### DISTRICT 12

- DeLuna (partial)
- DeSoto
- Fenney
- Hammock at Fenney (partial)
- Linden
- Marsh Bend
- McClure
- Monarch Grove

### DISTRICT 13

- Bradford
- Cason Hammock
- Chitty Chatty
- Citrus Grove
- DeLuna (partial)
- Hammock at Fenney (partial)
- Hawkins
- Richmond
- St. Catherine
- St. Johns

### DISTRICT 14

- Dabney
- Lake Denham
- Newell

**NOTE** DeLuna and Hammock at Fenney span portions of both Districts 12 and 13.