



ONE WATER COMMITTEE

APRIL 26, 2022

ITEM 6B

NONFUNCTIONAL TURF REMOVAL

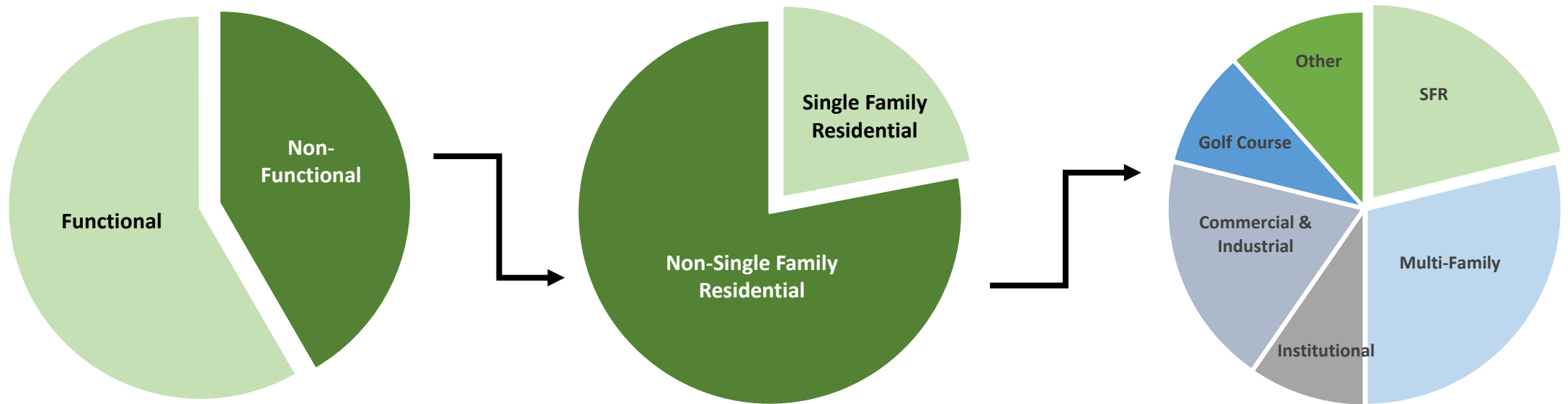
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SOUTHERN NEVADA WATER AUTHORITY™

**Most remaining non-functional turf
is not at single-family residential properties.**



Nonfunctional turf alone consumes billions of gallons of water each year in Las Vegas.

This ornamental grass uses about 10 percent of our water supply.

NONFUNCTIONAL TURF LAW

Assembly Bill (AB) 356 passed during the 2021 Legislative Session and prohibits Southern Nevada's water supplies from watering existing unused grass by 2027.

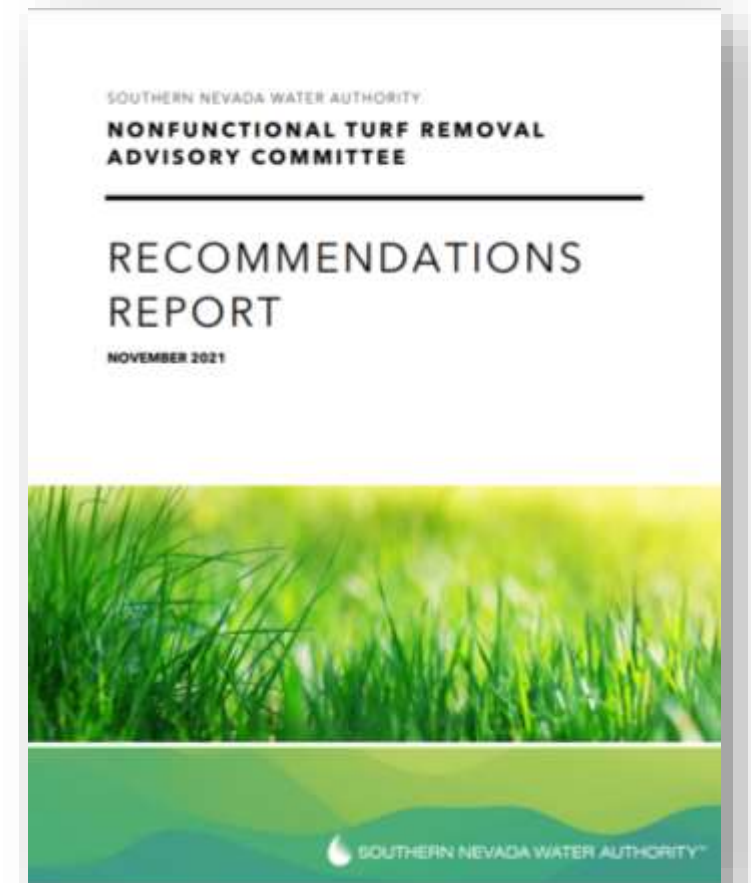
Single family residential homes excluded.



ADVISORY COMMITTEE

AB 356 also required the creation of the Nonfunctional Turf Removal Advisory Committee (NTRAC) for the development of a plan for the removal of nonfunctional turf.

- **Nine individuals, representing a variety stakeholders, including:**
 - Homeowner associations
 - Commercial properties
 - Office parks
 - Multifamily properties
 - Golf courses
 - Municipalities
 - Environmental interests
- **The committee met five times in public meetings to discuss the definitions of functional and nonfunctional turf, and where it should be allowed**



ADVISORY COMMITTEE

SCHEDULE

- July 15: SNWA Board NTRAC appointments
- August 18: Overview of SNWA, conservation initiatives, and committee process
- September 7-14: Tours of areas with nonfunctional turf
- September 22: Overview of AB 356 and functional/nonfunctional Turf
- October 20: Review of definitions & waivers
- November 17: Review & approval of Recommendations Report
- January 20: SNWA Board accepts committee recommendations



What is functional turf?

- It's played on and used
- It's large enough to allow for active use
- Provides a recreational benefit to the community
- Easily accessed, safe to reach





What is nonfunctional turf?

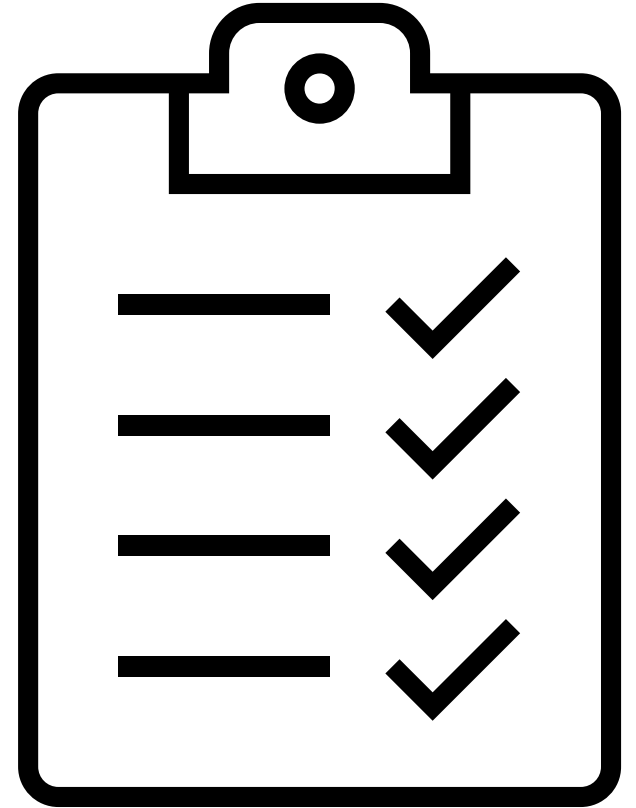
- Streetscape turf
- Median turf
- Residential community entry turf
- Turf at commercial and industrial properties
- Turf on slopes
- Narrow or small areas of turf

May also include:

- Multifamily turf
- HOA managed turf

WAIVER PROCESS AND CRITERIA

- Some turf areas may serve a legitimate function but not conform precisely to the definitions
- Some property owners may believe their turf is recreational, even though it does not meet the functional turf definition
- The SNWA is developing a Waiver Application process and evaluation criteria to determine whether a turf area “substantially complies” with the definitions of functional turf



RECOMMENDATION 1

Define **non-functional** turf as:

“Non-functional Turf” means irrigated lawn grass area not meeting the below definition of Functional Turf, including without limitation, such areas in the following locations:

- Streetscape Turf: Except as otherwise specified turf located along public or private streets, streetscape sidewalks, driveways and parking lots, including but not limited to turf within community, park and business streetscape frontage areas, medians and roundabouts.
- Frontage, Courtyard, Interior and Building Adjacent Turf: Turf in front of, between, behind or otherwise adjacent to a building or buildings located on a property not zoned exclusively as a single-family residence, including but not limited to maintenance areas and common areas.
- Certain HOA-Managed Landscape Areas: Turf managed by a homeowner association that does not provide a recreational benefit to the community or that otherwise does not qualify as Functional Turf, regardless of the property zoning.

RECOMMENDATION 2

Define **functional** turf as:

“Functional Turf” means an irrigated lawn grass area that provides a recreational benefit to the community and is:

- (a) located at least 10 feet from a street (except as otherwise specified), installed on slopes less than 25 percent, and not installed within street medians, along streetscapes or at the front of entryways to parks, commercial sites, neighborhoods or subdivisions; and
- (b) Active/Programmed Recreation Turf, Athletic Field Turf, Designated Use Area Turf, Golf Course Play Turf, Pet Relief Turf, Playground Turf or Resident Area Turf, as these terms are further defined and qualified.

TURF CATEGORIES

ESTABLISHMENT TYPE	Resident Area Turf	Golf Course Play Turf	Pet Relief Area Turf	Active / Programmed Recreation Turf	Athletic Field & Playground Turf	Designated Use Area Turf
Schools & Daycares					Functional	
Youth Recreation & Senior Centers					Functional	
Homeowner Associations				Functional	Functional	
Government Facilities (excluding Parks)						
Commercial & Retail Services			Functional ¹			
Multi-Family Residential	Functional					
Commercial/Multi-Family Mixed Use	Functional					
Public Parks, Private Parks & Water Parks				Functional	Functional	
Golf Courses		Functional				
Cemeteries & Mortuaries						Functional
Religious Institutions					Functional	
Hospitals & Medical Offices						
Assisted Living & Rehabilitation Centers	Functional					
Commercial & Industrial Office Parks						
Hotels, Motels & Resorts						

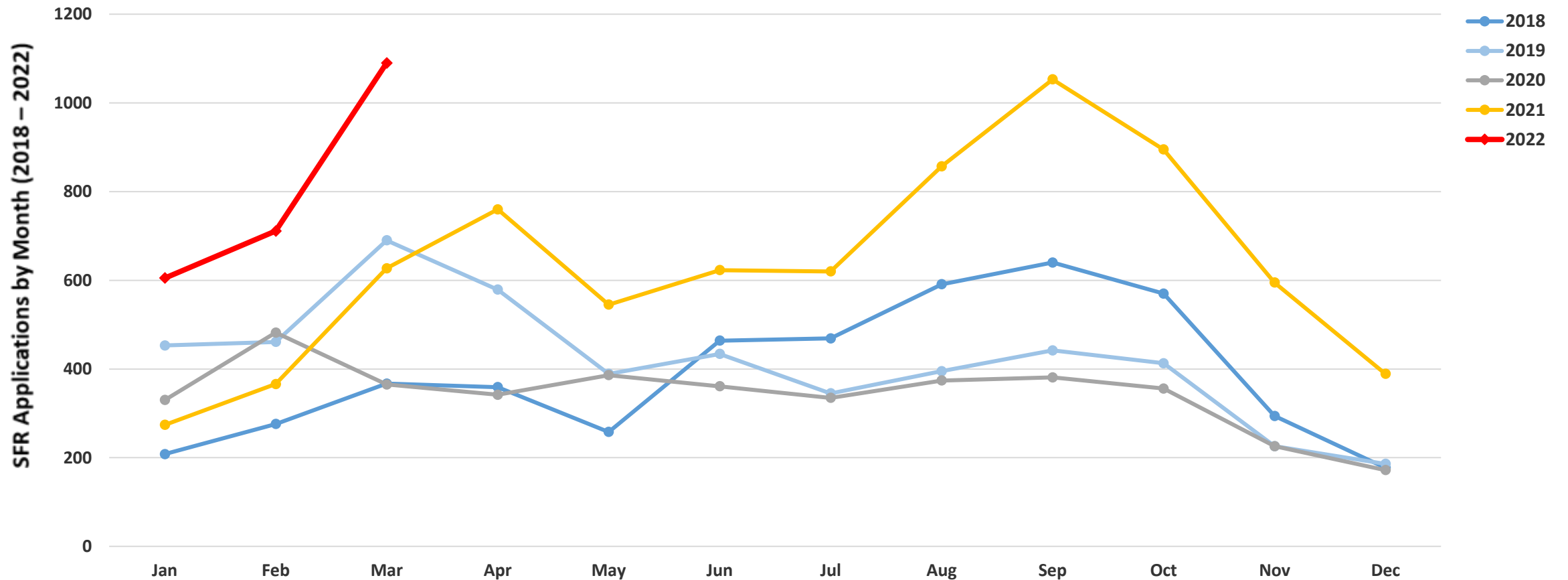
¹ Applies to businesses exclusively serving pets (veterinarians, pet boarding facilities, etc.)

A photograph of a large agave plant with purple flowers, overlaid with a semi-transparent blue band containing the word "RESULTS".

RESULTS

RESULTS

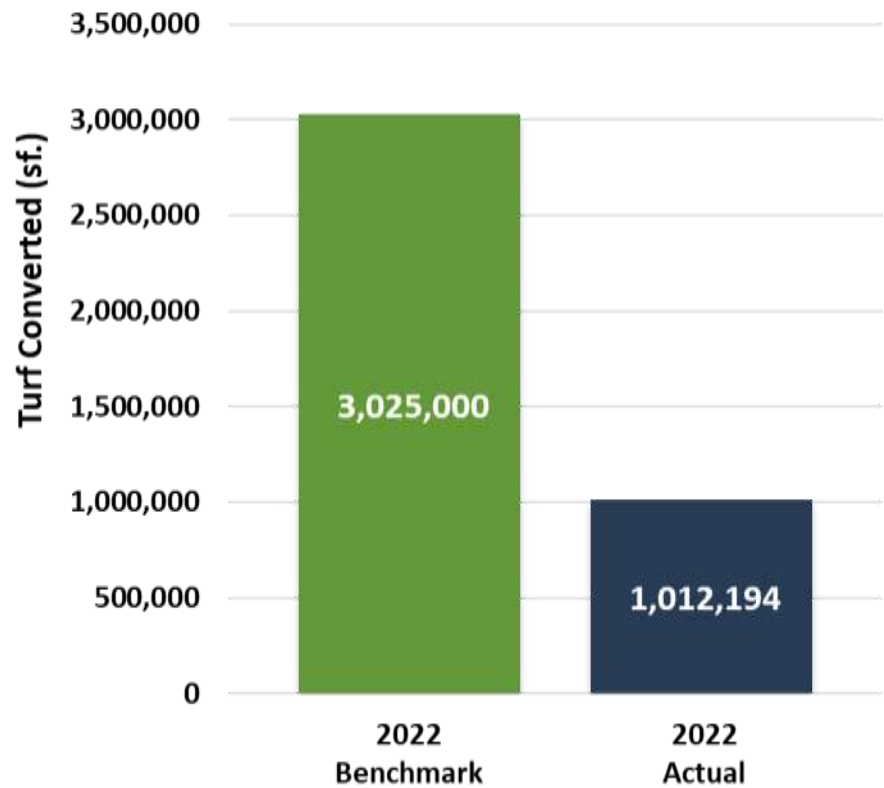
Single Family Residential WSL applications continue to outpace progress in recent prior years.



RESULTS

Homeowners converted more than 1 million sf. of turf in 2022, saving an estimated 55.7 million gallons of water annually.

2022 Current Progress

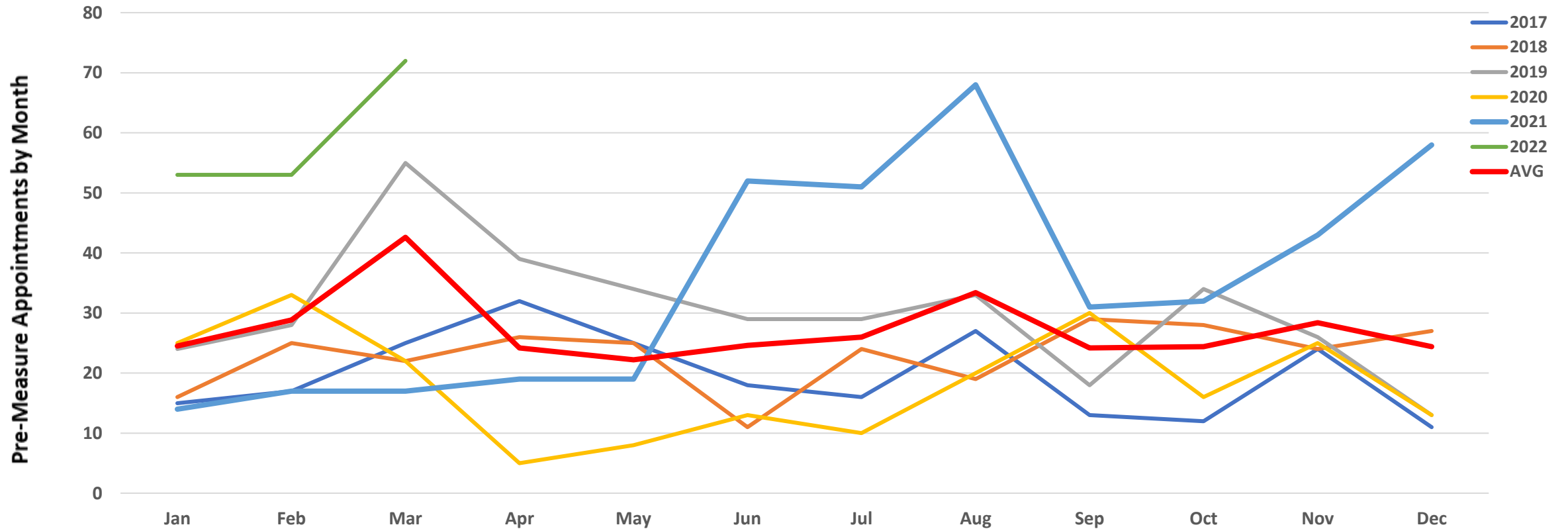


2022 Cumulative Monitoring



RESULTS

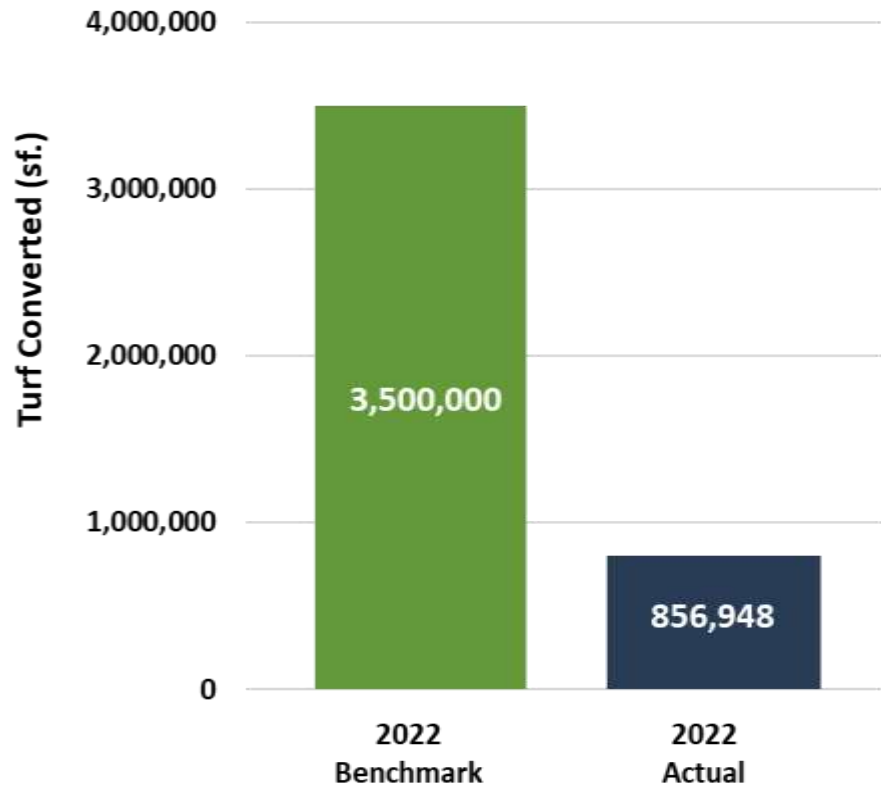
Program interest among the Non-SFR water users continues to outpace prior recent years.



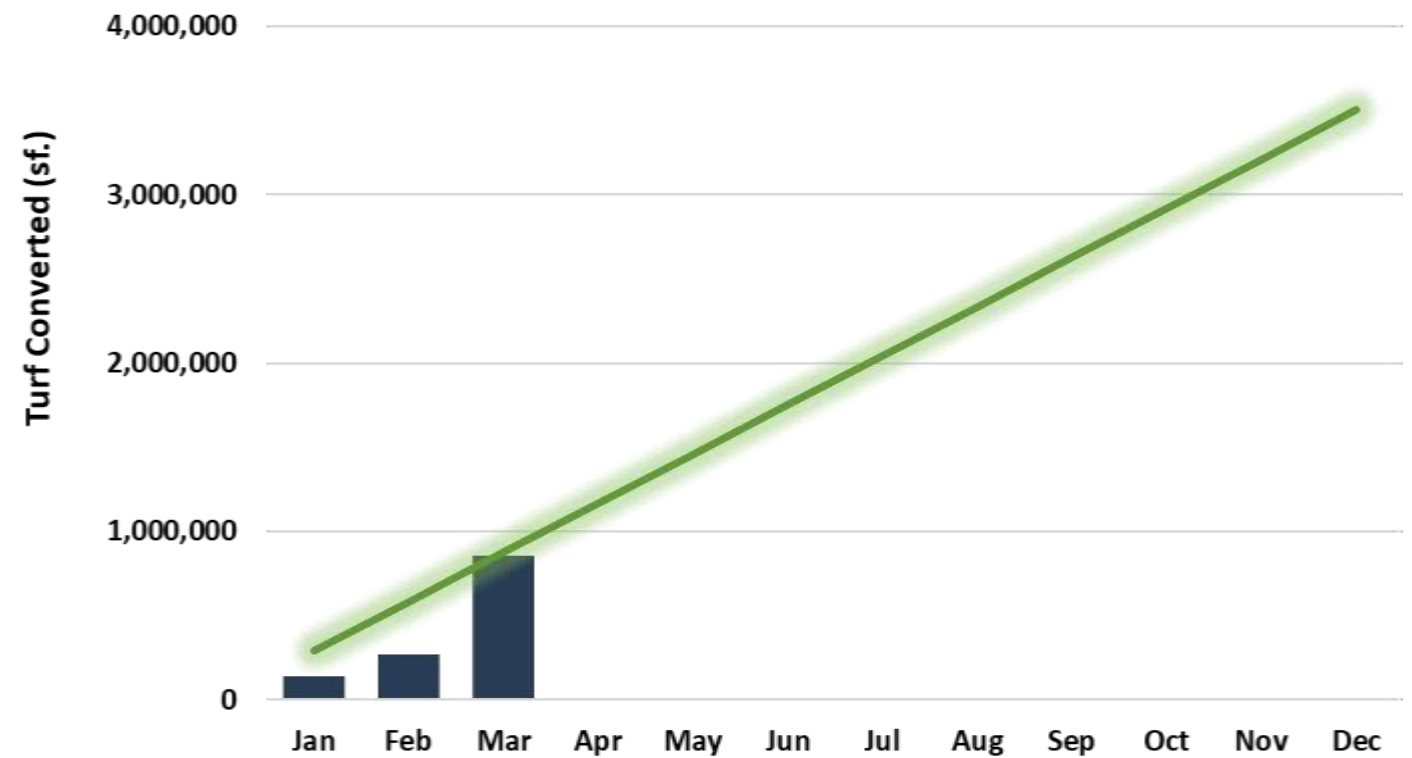
RESULTS

Non-SFR customers have converted more than 850,000 sf. of turf in 2022, saving an estimated 47.1 million gallons of water annually.

2022 Current Progress



2022 Cumulative Monitoring



NO NEW TURF

A recently-approved resolution will prohibit new installations of turf except at schools, parks and cemeteries.

This includes single-family residential properties.



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