

SUSTAINABILITY REPORT CARD

2024 | HENDERSON



LETTER FROM THE MAYOR



Sustainability is one of those trendy terms we hear all the time, but what does it really mean for Henderson? To me, it is much more than a buzz word or an issue that some see as only political. It is about good stewardship of the things that we all share. Henderson is the community where I grew up and I care deeply about preserving and enhancing this place I love for my nine grandchildren, their future children, and for all our families.

This community has seen incredible growth since I was a young girl, and yet we have reduced harmful emissions, conserved essential resources and established programs and partnerships to enhance the quality of life that makes Henderson such a special place to live, learn, work and play.

Achieving our vision of being recognized as America's Premier Community requires continued commitment to protecting our future health and prosperity. Taking a thoughtful approach to growth, ensuring the wise management of natural resources upon which our community depends and protecting the quality of the environment enjoyed by our residents and visitors are all critical to our future.

We have a strategic plan that guides our efforts in these areas, a culture of continuous improvement and a City team that is committed to realizing our goals. This report outlines our current programs and achievements to date, and I commend the City leaders, departments, many employees and community partners whose contributions to our sustainability are behind these results. I thank you for taking time to read this report and encourage all residents and businesses in Henderson to join us in doing your part to build on these successes and to continue creating the future our families and this incredible community deserve.

Mayor Michelle Romero
City of Henderson



HENDERSON™



CLIMATE INITIATIVES **AND PARTNERSHIPS**

As a community located in the beautiful Mojave Desert, we understand that our ability to flourish means that we need to conserve our resources and protect our climate from drought and extreme heat. Over the last several years, the City has developed initiatives, campaigns and partnerships aimed at reducing the impacts of climate change and making Henderson more sustainable.

Climate Response Initiative

The City adopted an updated 2024-2027 Strategic Plan with a priority to create and develop a healthy, livable, and sustainable City. This also included a major opportunity area to develop and implement a cohesive Climate Response Initiative (CRI). Alongside our regional partners, the City is implementing policies through CRI to reduce consumptive water use as well as updating design standards and codes to ensure our development and growth are sustainable and conscious of the natural resources available.



H2One - Henderson's Call to Conserve

At the 2023 State of the City address, Mayor Michelle Romero announced the launch of H2One. This campaign is designed to build a culture of water conservation and change behavior among Henderson residents and local businesses.

The campaign also seeks to build upon previous efforts and insights and while aligning with both regional and City goals to reduce consumptive water use and increase water conservation compliance. Water levels at Lake Mead rose in 2023, which is a sign that conservation tactics are working. This is not a signal to slow down.



To keep Henderson thriving tomorrow, let's act today.

Henderson residents clearly see water as essential to life for the future of our families and community. Nearly all residents (91%) of Henderson are concerned about the water situation in the City and a majority (53%) do not believe that there will be sufficient water supply to meet demand just 10 years into the future.

Water conservation is a responsibility that we all share. Every single resident or business can do their part to conserve water and make a difference by:

1. Complying with the regional watering schedule.
2. Reporting water waste to the City.
3. Taking advantage of rebates to remove decorative grass and install water-smart landscaping.

91%

**of Henderson residents
are concerned about water.**

**Nevada has the right to
consumptively use**

300,000 ACRE-FEET

of water per year.



An acre-foot is the amount of water that can cover an acre to a height of one foot and is equivalent to

325,851

GALLONS OF WATER.

Consumptive use is defined as water withdrawals (or diversions) minus any water that is returned to the Colorado River. These returns are also known as "return flow credits." Return flow credits are from indoor water that goes into the sewer system. The water then travels to a wastewater treatment plant where it is treated and then returned to the Las Vegas Wash which flows into Lake Mead.





The City is partnering with Clark County and other Las Vegas Valley stakeholders on All-In Clark County, a bold, solution-based plan for a sustainable future. Through this collaboration, a valley-wide Climate Vulnerability Assessment was released in September 2022, and the All-In Community Sustainability & Climate Action Plan (Plan) was approved by the Clark County Board of County Commissioners in April 2023. The Plan looks at four climate hazards that impact climate change in the Las Vegas Valley. The climate hazards and focus areas go hand in hand to reduce climate change and prepare for its impacts. Clark County, Henderson, and others entered an Interlocal Agreement known as the Regional Climate Collaborative, which defines how the partnership will work together to accomplish the goals outlined in the plan.

 <p>EXTREME HEAT</p> <p>The 2.3 million people living in Clark County are highly vulnerable to extreme heat. In 2022, Clark County experienced 147 days above 90° F.</p> 	 <p>DROUGHT</p> <p>With Lake Mead levels at record low levels, drought is continuing to impact the region's water supply, which may result in increasing restrictions for indoor and outdoor water consumption.</p> 	 <p>FLASH FLOODING</p> <p>Southern Nevada is no stranger to monsoonal rain and flash floods. During the summer of 2022, Clark County experienced record flash flooding. As the climate changes, rainfall is expected to be less frequent, but heavier, leading to more flash flooding events.</p> 	 <p>WILDFIRES</p> <p>Clark County is seeing an increase in smoke events from wildfires in other states as well as local wildfires. In 2021, there were 18 smoke advisories and in 2022, the County issued a blanket advisory for the entire season.</p> 
 <p>CLEAN & RELIABLE ENERGY</p> <p>Implementing policies, programs, and projects that support the generation and delivery of clean and reliable energy to all.</p>	 <p>CONNECTED & EQUITABLE MOBILITY</p> <p>Developing a safe, connected, and accessible transportation system that prioritizes low-carbon mobility, public transportation, and active lifestyles.</p>	 <p>DIVERSE & CIRCULAR ECONOMY</p> <p>Creating a robust and diversified economy that reimagines waste and resource use while investing in human capital.</p>	
 <p>RESILIENT & HEALTHY COMMUNITY</p> <p>Preparing the community for climate-driven emergencies through strengthened natural and social systems.</p>	 <p>SMART BUILDINGS & DEVELOPMENT</p> <p>Driving the transition to smart and carbon neutral buildings that are healthy, efficient, and affordable.</p>	 <p>SUSTAINABLE WATER SYSTEMS</p> <p>Conserving and protecting water resources while developing sustainable systems for water delivery, stormwater management, and wastewater treatment.</p>	

CLEAN AND RELIABLE ENERGY

In 2023, the City enrolled in NV Energy's NV GreenEnergy Rider program. Through this program, the City purchased enough renewable power to offset 86%¹ of greenhouse gas emissions from electricity purchased to operate City buildings and streetlights. The renewable energy comes from a variety of sources such as solar, geothermal and wind. By enrolling in the program, the City avoided producing 24,618¹ tons of CO₂.

The City of Henderson completed a greenhouse gas inventory of emissions from its municipal operations during 2022 to compare against the original inventory in 2020 and the baseline condition in 2005. The City has seen an overall decrease in total carbon dioxide equivalent emissions in comparison to previous reporting years. As Henderson expands, the areas served by City operations will also grow. Some categories, such as streetlights, fleet, and solid waste saw slight total increases overall. While the City continues to improve efficiency, there are more roads and parks to maintain, along with more wastewater to treat, each year.

GREENHOUSE GAS EMISSION INVENTORY FOR CITY OPERATIONS

Category	2005 Baseline	2020	2022
Buildings & Facilities	19,152	10,633	9,720
Streetlights & Traffic Signals	15,593	4,610	4,655
Vehicle Fleet	5,739	6,754	6,805
Employee Commute	6,573	4,736	4,580
Solid Waste	Not Available	4,840 ²	5,065 ²
Water & Wastewater	31,931	20,263 ³	19,721
Process & Fugitive	Not Available	1,774	1,962
Total		53,609	52,508

(1) Averages based on how NVE provides allotments in the NV GreenEnergy program.

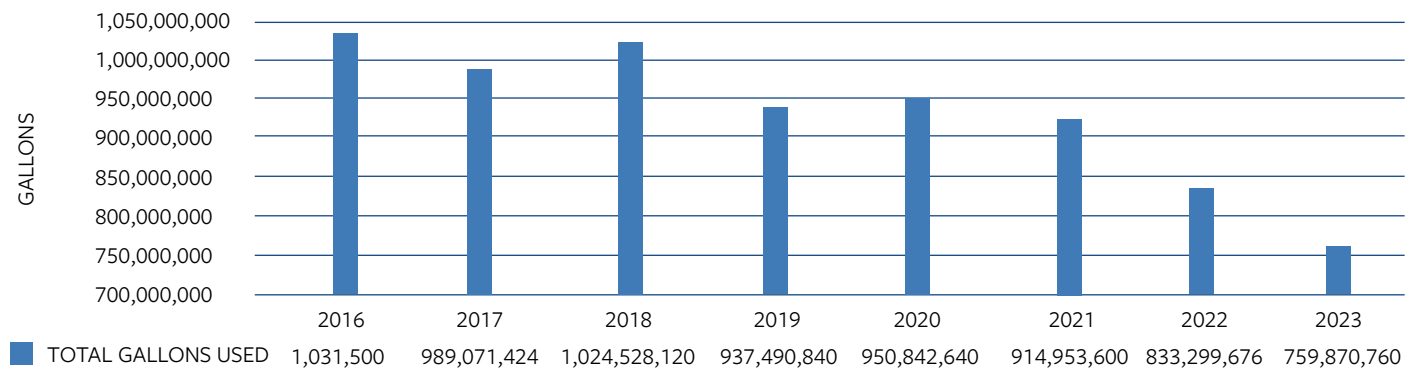
(2) Method of calculation was changed to align with landfill reporting to EPA's Mandatory Reporting for the Apex Landfill.

(3) Emissions adjusted to account for previously missing data.

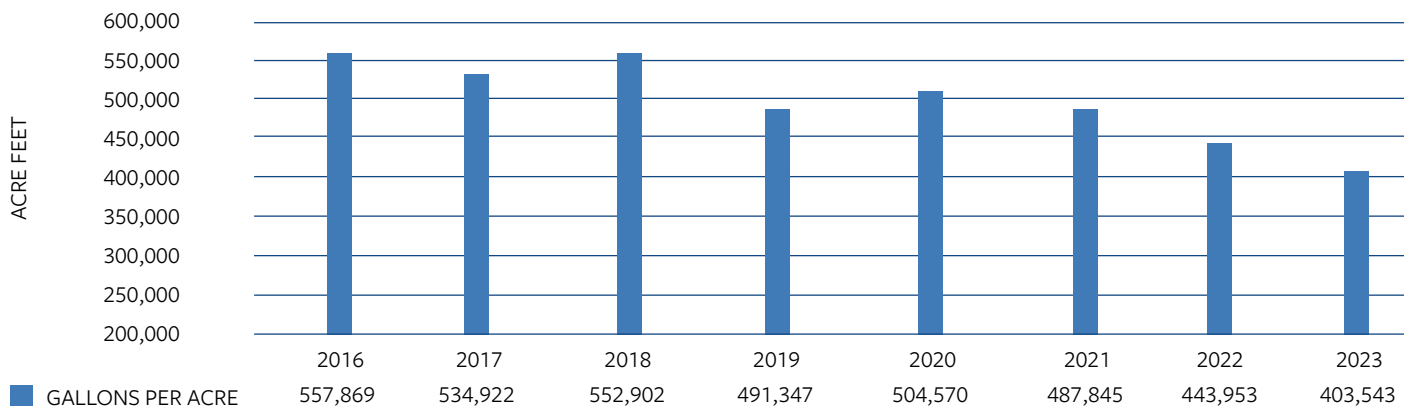
SUSTAINABLE WATER SYSTEMS

Several efforts such as reducing water waste, municipal code changes, incentives, and recognition programs have helped to conserve water and the City's water consumption decreased in 2023. Estimates for the 2023 overall water consumption is a reduction of approximately 5% which equates to more than one billion gallons in water savings. A decrease in City, commercial, and residential water use is reflective of the positive impact of grass removal on water conservation.

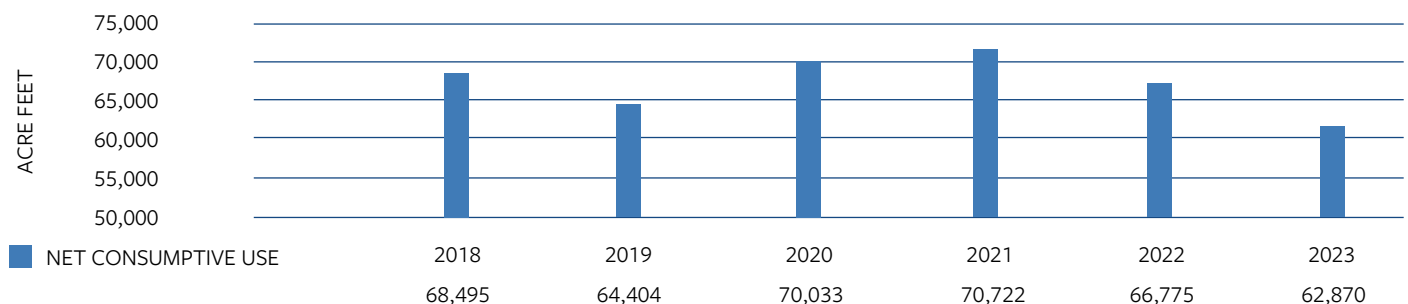
CITY OF HENDERSON IRRIGATION WATER USAGE



CITY OF HENDERSON GALLONS PER ACRE



CITY OF HENDERSON NET CONSUMPTIVE USE





Reducing and Reporting Water Waste

Reducing and reporting water waste is one of the best ways to make a difference and help save water in our community. Customers violating the City's water conservation ordinance are subject to administrative fines. In 2022 and 2023, those who received violations beyond the first violation decreased from 48% to 38%, respectively, indicating improved compliance and faster behavior correction.

In August 2022, the City embarked on a five-month pilot project to help identify subsurface leaks. The pilot evaluated the effectiveness of using satellite imaging and synthetic aperture radar to locate leaks beneath the surface. The pilot project was a success, identifying 71 subsurface leaks and recovering approximately 165 million gallons per year (MGY) of real water losses. The City then moved forward with a full-scale project in September 2023, which is estimated to conclude in April 2024. Although not complete, 159 subsurface leaks have been identified through early 2024 and preliminary estimates are that 363 MGY will be recovered.

Water-Conscious Code Updates

In September 2022, the City modified several adopted building and utility service codes to address water conservation to commercial and residential properties including:

- Restrict single family residence swimming pools, spas and hot tubs from exceeding 600 square feet. In addition, there can only be one swimming pool and one spa or hot tub on that property. Other water features are prohibited.
- Prohibit grass in newly developed areas with exceptions for parks, schools, cemeteries, or functional turf.
- For single family residences, lawn grass is prohibited in the rear yard, in the courtyard(s), and in side yards unless certain conditions are met. Lawn grass in the front yard has been prohibited for single-family homes built after 2003.
- Nonfunctional grass is prohibited on all non-residential properties.
- At any multi-family and single-family attached residential property, lawn grass is prohibited unless it is resident area turf and is functional turf.
- Non-residential, multi-family, and single-family attached residential properties have until December 31, 2026 to remove nonfunctional turf.
- The ban of cooling towers and evaporative cooling in future projects. The regulations allow replacement of existing evaporative cooling or cooling towers if the consumptive water use does not increase.
- Updated and decreased the water budgets allotted for golf courses.

Turf Removal & Conversion

In 2022, Parks and Recreation identified 50 turf projects to remove approximately two million square feet of turf in City parks by the end of 2026. This will have a water savings of approximately 110 million gallons annually.

TURF REMOVAL PROJECTS

50 9

IDENTIFIED COMPLETED

(13.6M gal saved annually)

in 2022 & 2023

TURF-TO-TURF PROJECTS

25 9

IDENTIFIED COMPLETED

(13.8M gal saved annually)

in 2022 & 2023



One of City’s newest parks, Citrine Sky, was built with smart irrigation controllers. This technology will improve the efficiency of the overall irrigation system using command-and-control features for advanced water management.



Beyond parks, the City has identified other areas where turf needed to be removed, including the Reimagine Boulder Highway project. The total water savings is expected to be more than 46 million gallons saved annually.



Incentives & Recognition

The Southern Nevada Water Authority's successful Water Smart Landscapes (WSL) program offers a rebate for applicants who remove grass and replace it with desert landscaping or artificial turf.

WATER SMART LANDSCAPE PROGRAM			
CY Year	Sq. Ft. Converted	Amount Rebated	Water Saved (Gallons)
2016	616,319	\$1,129,925	34,390,600
2017	673,180	\$1,134,336	37,563,444
2018	564,649	\$1,454,046	31,507,414
2019	982,498	\$2,641,061	54,823,388
2020	1,141,809	\$2,784,632	63,712,942
2021	968,950	\$2,629,659	54,067,410
2022	2,244,389	\$5,720,590	125,236,906
2023	3,055,028	\$6,508,047	170,470,562
Totals:	10,246,822	\$24,002,296	571,772,666

In 2022 and 2023, approximately 5.3 million square feet of grass was converted in the City—water savings of 296 million gallons of water annually. Approximately 13.1 million square feet of grass have been converted in the City since 2012, with a water savings of over 731 million gallons of water annually.

The City of Henderson Conservation Unit launched the **Residential Landscape rebate program** which supplements the Southern Nevada Water Authority's WSL rebate program by offering a flat rebate of \$575 of turf conversions greater than 400 sq. ft. At the end of 2023, 42 applications have been approved.

In addition, the City launched the **Water Efficiencies in Landscapes and Technologies Supplemental rebate program** which is available for areas removing functional turf not subject to AB 356. Funding for the program was made available by a \$150,000 donation from Google and the Bonneville Environmental Foundation. The grant funding encourages water conservation in our community and increases the City of Henderson's supplemental rebates. As of early 2024, the first application was received and approved.

The **Water Conservation Award program** started in 2022 to recognize and honor City of Henderson utility customers for making significant contributions to water efficiency within the water industry. Anthem County Club was the inaugural award recipient, honored at the June 20, 2023 City Council meeting for their community turf conversions and removals. At the February 20, 2024 City Council meeting, Sun City Anthem Community Association was honored as the award recipient for 2023. Their work included integrating innovation in landscape designs, including installing water smart controllers and converting turf in six major landscaping projects.

"It's not an easy feat to completely transform large areas to be water smart, and we are thrilled to see the actions taken by Anthem Country Club that will have a lasting impact on our most valuable natural resources."

PRISCILLA HOWELL, *Director of Utility Services*

WATER CONSERVATION AWARD



2023 Water Conservation Award: Sun City Anthem Community Association



2022 Water Conservation Award: Anthem Country Club

SMART BUILDINGS AND DEVELOPMENT



In the fall of 2023, the City was awarded Gold Certification in the LEED for Cities and Communities rating system—an international symbol of excellence recognized by the U.S. Green Building Council (USGBC). LEED for Cities and Communities helps local leaders measure and manage progress in community conditions, in pursuit of a more sustainable, resilient and equitable future. Through the certification program, cities and communities create and operationalize responsible, sustainable, and specific plans for natural systems, energy, water, waste, transportation, and many other factors that contribute to quality of life.

The City excelled in the LEED rating categories of Quality of Life, Natural Systems and Ecology, Innovation, Regional Priority, Energy and Greenhouse Gas Emissions. Highlights include:

- Premier quality of life measures such as excellence in education, equitability, prosperity, health and safety.
- An impressive 75% of homes within a 10-minute walk of a park or trail; and an overall greater amount of open space per capita.

- Excellence in innovation including partnership with schools; healthy food access through the implementation of hydroponic gardening systems, City-run farmers markets, and nutritional programs for seniors; the Pittman Wash green infrastructure project; COVID-19 response; and Bird Viewing Preserve and Historic Downtown Revitalization projects.
- Regional leadership including applying and managing the \$3.5 million Southern Nevada Strong regional planning effort, securing the \$39 million catalytic high-capacity transit project on Boulder Highway, securing Southern Nevada Public Land Management Act (SNPLMA) competitive funding to build award winning parks and recreation facilities, as well as notable regional climate action initiatives.
- Lower greenhouse gas (GHG) emissions per capita as it relates to development.

“Henderson’s LEED for Cities certification demonstrates tremendous leadership in sustainability and resilience. LEED for Cities helps local government credibly track progress toward overall sustainability objectives and ensure transparency and accountability to its residents. Henderson is a prime example of how the innovative work of project teams can create local solutions that contribute to making a global difference.”

PETER TEMPLETON, *President and CEO of USGBC*



Newest Green Globe Facilities

Green Globes is a rating and certification program administered by the Green Building Initiative encouraging improved environmental and health performance for all types of buildings. The Center of Excellence, opened in August 2023, was awarded two Green Globes. The West Police Substation, opened in September 2023, was awarded one Green Globe and is also LEED Certified.



CENTER OF EXCELLENCE HIGHLIGHTS:

- The site scored well for use of drought-tolerant, native planting and reuse of rock materials excavated at the project site.
- The rock used for gabion walls and monument site were sourced onsite.
- The building effectively uses daylighting and views in office areas and utilizes overhangs to control glare and direct sunlight.
- Use of colored masonry block reduces future maintenance and extends service life of the building.
- The building's energy use (combined water use, lighting, and HVAC) is 24.5% more efficient compared to the baseline of minimum code compliance which translates into an annual cost savings of over \$9,000 per year for the City to operate.
- The City's maintenance/janitorial products and practices earned credit for environmentally responsible approaches.



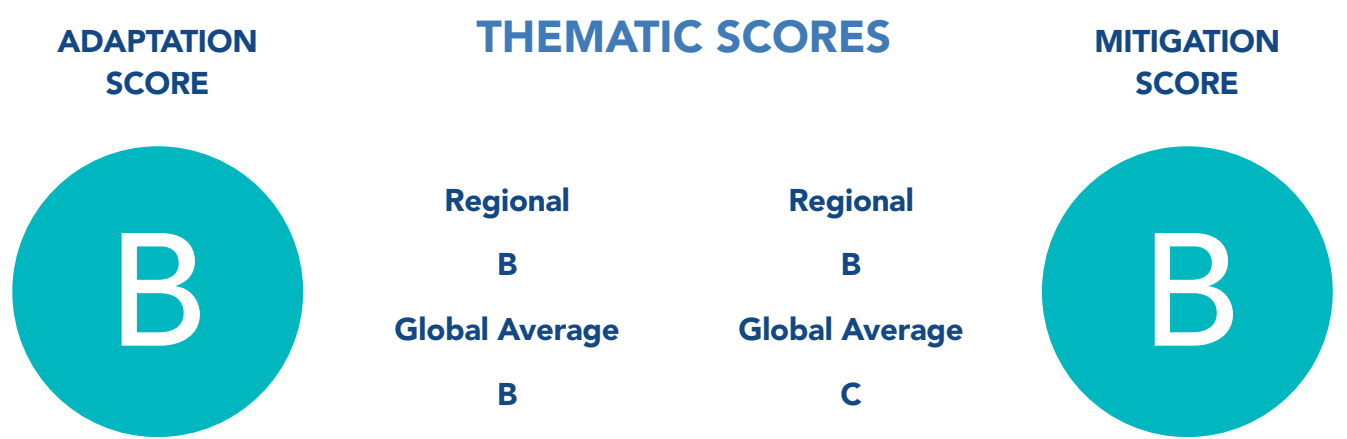
WEST POLICE STATION HIGHLIGHTS:

- Use of drought-tolerant, native planting and reuse of rock materials sourced onsite.
- The energy cost is 17% lower compared to minimum standard compliance.
- The building employs a closed water-source heat pump system that minimizes energy use compared to air-cooled HVAC Systems. The closed system minimizes water evaporation compared to a traditional cooling tower and the heat pump technology minimizes reheating and re-cooling air at the supply ducts.
- Water use was reduced by 34% using water saving plumbing fixtures and efficient use of landscape irrigation.
- All roof membranes have a high solar reflective index.
- Maintenance/janitorial products and practices meet environmentally responsible criteria.



Carbon Disclosure Project

Since 2020, the Carbon Disclosure Project (CDP) has graded the City’s sustainability efforts. The CDP is a not-for-profit charity that focuses on assisting investors, companies, cities, and governments in building a sustainable economy by measuring and acting on their environmental impact. The City has continued to make strides towards becoming a more sustainable and water-conscious City. Henderson has improved its overall score from a C score in 2021 to a B score in 2023 by improving our climate adaptation and mitigation scores. The CDP recognizes the City for assessing the local impacts and risks of climate change and creating an action plan to adapt to its effects. The City also monitors carbon emissions and partnered to develop a regional sustainability and climate action plan. By having our program measured by CDP, Henderson will be better equipped to adapt to the effects of droughts, extreme heat, flooding, and other environmental hazards while taking actions to reduce climate emissions.



RESILIENT AND HEALTHY COMMUNITY

Parks and Trails

The City prides itself on its commitment to provide residents and visitors with award-winning parks and trails. Our City parks were ranked #19 of the 100 most populated U.S. cities according to the Trust for Public Land's ParkScore index. The ranking is based on a survey of 525 cities and measures how well they are meeting the community's need for parks. The Trust's ParkScore index is the national gold standard for the comparison of park systems in the nation. Published annually, the index measures park systems according to five categories: access, investment, amenities, acreage, and equity.

Currently, an estimated 75% of residents are within a 10-minute walk of a park. Since 2003, the City of Henderson has increased the number of parks by 50 to a total of 73.

The City's sports programs are a home run! The City received the Better Sports for Kids Quality Program Provider designation in 2021/2022 and in 2023/2024. This designation reflects the City's commitment to a safe, quality youth sports environment for the families and the community it serves.

Forbes' Best Cities for Dogs 2022 ranked Henderson second out of 100 largest US cities for its 19 dog parks, 90% of rental units allowing pets, 31% of rentals having pet play areas, and 8% of rentals having pet washing or grooming stations.



Food & Nutrition

To provide affordable access to fresh fruits, vegetables, and other food items to those in need, the City of Henderson Redevelopment Agency administers a Farmers Market Voucher Program—providing vouchers for distribution to the patrons of the Downtown Senior Center. Five thousand dollars in vouchers were distributed in 2022 and 2023.

In addition, Redevelopment, Parks and Recreation, and Community Development and Services piloted a farmers market at Army Street Plaza in the spring of 2023. This location is in front of a senior apartment and provided easier access to limited mobility seniors. A grant was used to transport seniors from the Heritage Senior Center to the market. The pilot was so successful that Army Street Plaza is a permanent location. The Army Street Farmers market saw significant improvement with more vendors, live music and over 450 attendees.



During the 2021-2022 school year, 2,400 students were provided an opportunity to work with a hydroponic gardening system at Robert Taylor Elementary, Gordon McCaw Elementary, Fay Galloway Elementary and Marlan Walker Elementary. The students harvested 100 crops, accounting for 30 pounds of hydroponically-grown produce. Students were exposed to hands-on physical science and sustainability learning, participated in seven in-person chef demonstrations, and student-operated booths at three farmers markets in coordination with the City and local nonprofit organization Green Our Planet.

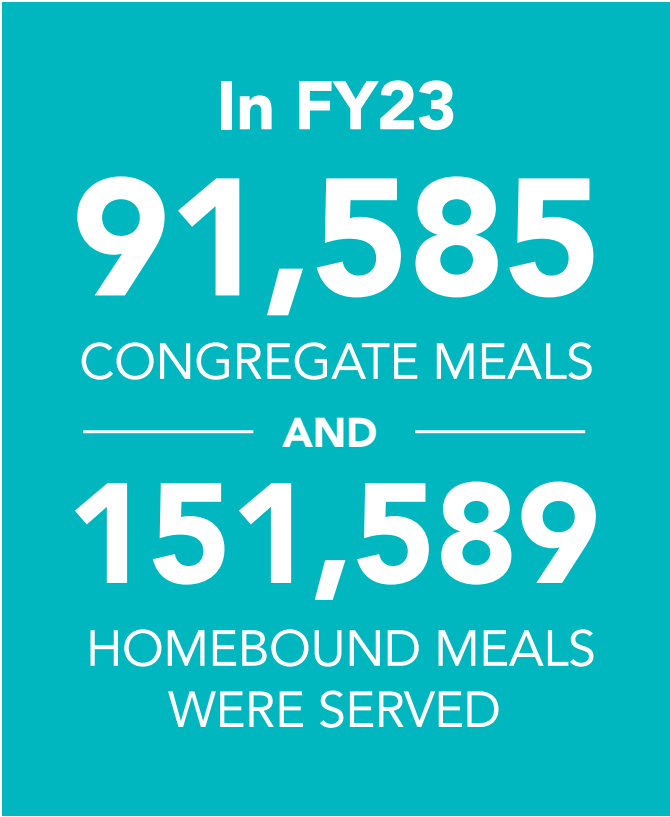
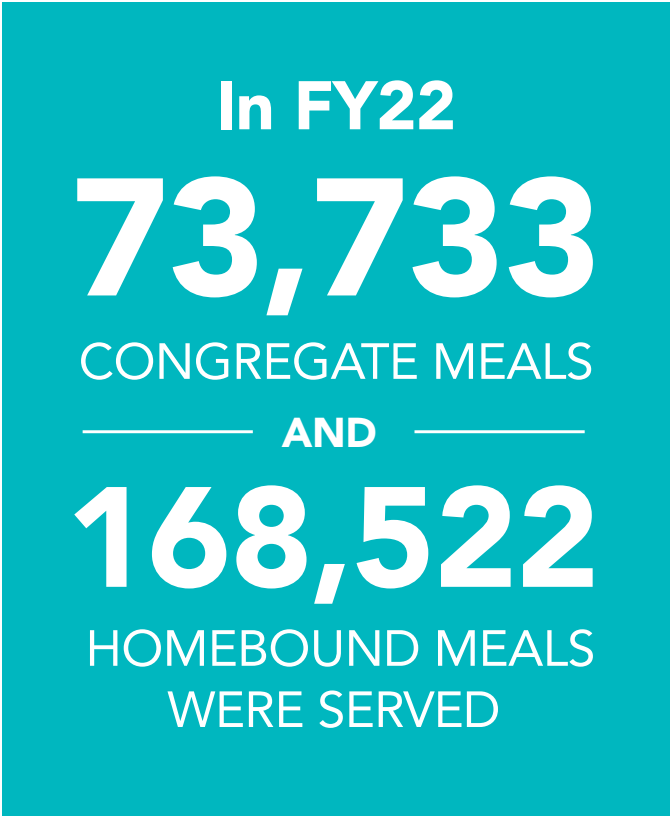
This project has better prepared students, teachers and parents in the use of a green technology that can be used at home or commercially to increase access to healthy food options within the community as well as exposure to an innovative business opportunity. This opportunity was made possible for the students through a grant awarded to the City from the U.S. Department of Agriculture's Farm to School Program.



In October 2023, the City opened Pumpkin Park, which includes the City's first community garden. The park features two gardens—one garden open to the public and the other with private reservable beds for the public to rent. In addition, gardening classes are provided by Garden Farms who oversees the planting and harvesting at the park.



The City provides nutritional services to Henderson Seniors (50+ years of age) through congregate and homebound meals also known as Meals on Wheels. In addition to the nutritional benefits, the programs provide socialization, wellbeing, observation of safety concerns, connection to essential services and pet support. Programs are partially funded by sub-award grants from the State of Nevada Department of Health and Human Services Aging and Disability Services Division. Congregate meals are offered at our Downtown Senior Center and Heritage Park Senior Center.



Tree Equity & Urban Heat

The City continues to look for ways to improve the urban environment. For 33 years, Henderson has been recognized as a “Tree City” by the Arbor Day Foundation. The honor recognizes Henderson’s commitment to growing the City’s urban canopy, which helps alleviate the urban heat island effect by providing shade and cooling through transpiration.

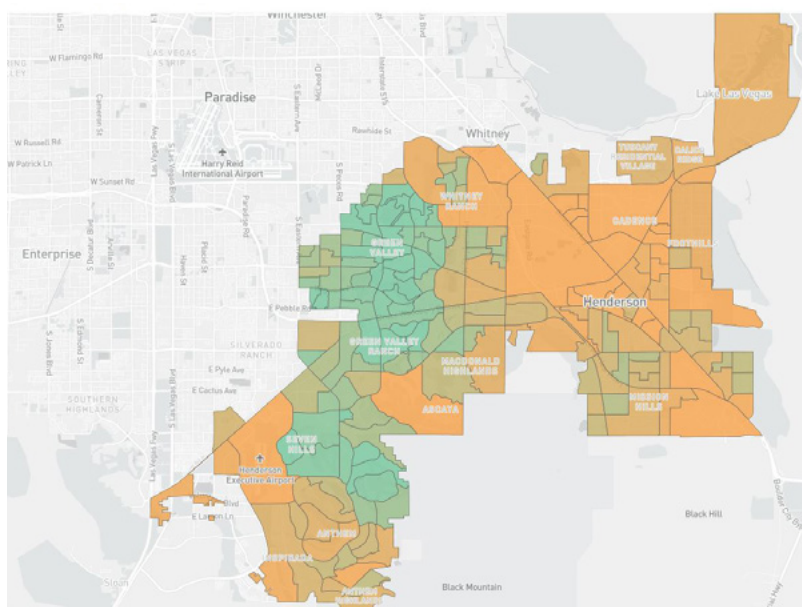
Urban areas, where structures such as buildings and roads are highly concentrated and green space is limited, become “islands” of higher temperatures.

Extreme heat temperatures are concentrated in Henderson’s most vulnerable neighborhoods including Downtown, Valley View, Pittman and North Green Valley. In partnership with ImpactNV, Henderson is in the process of identifying parks, trails, and roadways for tree planting and moving toward better tree equity for all. Achieving tree equity would ensure that Henderson residents have equal access to the myriad environmental, health, and social benefits that trees and green spaces provide.

- The first 58 trees, selected from the SNWA Preferred Tree List, were planted in the Fall 2023 at the Arroyo Grande Sports Complex in collaboration with 200 volunteers from the NFL Green’s Gold Shovel initiative.
- The City also collaborated with ImpactNV and DR Horton in 2023 to create a green barrier by planting 100 trees behind the Bird Viewing Preserve. This barrier acts as a buffer between the preserve and the DR Horton homes. The trees were provided by ImpactNV and DR Horton completed the plantings in January 2024.



The American Forests organization evaluates a tree equity score for cities to help address inequities by focusing resources in neighborhoods of highest need. This score looks at existing tree canopy, population density, income, employment, surface temperature, race, age and health. Henderson was divided into 184 census blocks and has an average score of 82 out of 100 with 38 blocks having a score under 75. The City’s land-use planners and others can use the scores as a tool to decide where and how to invest in forestry and infrastructure to address urban heat.



Circular Economy and Waste Reduction

The City continues to look for ways to reduce, reuse, and recycle materials from operations and within the community. During the pandemic, many of the City's customer service processes such as permitting, licensing and inspections went electronic to provide quality services to residents and businesses. These improvements also reduced the amount of paper generated during these processes. The City has increased its diversion rate of waste from City buildings that is not sent to landfills to 36% over the last three years. Other key initiatives include:

Circular economy (noun): A circular economy reduces material use, redesigns materials and products to be less resource intensive, and recaptures "waste" as a resource to manufacture new materials and products.

Source: EPA - [What is a Circular Economy?](#) | [US EPA](#)

The City hosts several community-wide material disposal and neighborhood cleanup events.

- At the end of each year, the City's Christmas Tree Recycling program repurposes trees and turns them into mulch. The mulch is used at City parks and made available for free to residents on a first-come, first-serve basis. Between 2022 and 2023, 5,434 trees were recycled creating 171 of yards of mulch.
- In the fall of 2022, the City hosted Henderson Shines—a citywide recycling and cleanup event. This event is open to all Henderson residents and provides the community a place to dispose of household waste properly and recycle items responsibly. The event gathered 7,800 pounds of paper for shredding, 8,100 pounds of paint, oil, and aerosols; and 5,100 pounds of batteries for proper disposal as well. Household goods were able to be donated via nonprofit partners and medication takeback via partnership with Henderson first-responders.



- The City also offers the Neighborhood Cleanup Program to residents and community leaders wishing to organize weekend community cleanup events in their neighborhoods. The City partners with Republic Services to provide 20-cubic-yard trash containers and coordinate placement and promotion of the event, supply marketing materials to community leaders and maximize program reach. In 2022, this partnership provided 332 dumpsters and removed 480 cubic tons of debris from local neighborhoods. In 2023, this partnership provided 193 dumpsters and removed 342 cubic tons of debris from local neighborhoods.



CONNECTED AND EQUITABLE MOBILITY

One of the major areas of opportunity in the City's strategic plan is ensuring a high-quality, multimodal transportation network. In 2021, the City received a \$40 million grant from to help improve transit options along Boulder Highway. Along with funding from the City and the Regional Transportation Commission of Southern Nevada, the project aims to transform a 7.5-mile segment between Tulip Falls Drive and Wagon Wheel Drive. The complete streets design includes improvements for all modes of transportation, including dedicated, center-running transit lanes with enhanced stations for a Bus Rapid Transit system, water-smart desert landscaping enhancements, improved sidewalks, dual cycle tracks, energy efficient lighting, and future opportunities for open spaces. The planning and design phase was completed in late 2023 with construction anticipated to begin in 2024.



SEPARATED MODES OF
TRANSPORTATION



MID-BLOCK CROSSINGS
& DUAL CYCLE TRACKS



IMPROVED LIGHTING
& SIDEWALKS



POTENTIAL FOR OPEN
SPACE & PARKS


At the end of 2023, the City used StreetScan—an innovative car that scans streets and collects data on repairs that need to be made for cracks, bumps and potholes. This information is then used to help prioritize work, develop budgets and build a repair schedule. This technology makes the process more efficient and less subjected than a manual inspection. The City plans to use the technology every 5 to 7 years to conduct a roadway assessment to help improve roadways.



CITY OF HENDERSON TRANSPORTATION AND MOBILITY FACTS

91%
OF THE POPULATION
is within 1/8 mile of sidewalks.

71%
OF THE POPULATION
is within 1/4 mile of a trail.

In 2022 and 2023
14  
MILES OF TRAILS
were added for a total of 251 miles.

113 
MILES OF STREET BIKE LANES
were added for a total of 303 miles.

81%
OF THE POPULATION
is within 1/4 mile of a street
bike lane.

41%
OF THE POPULATION
is within 1/4 mile of a bus stop.



cityofhenderson.com/sustainability