

Item #	Focus Area	Action Item	Primary Dept/Office	Status	Summary of activities/status	Metrics	Link For Information
G1	Groundwater & Surface Water	Protect groundwater via Source Water Protection Program (SWPP), pg. 14	Department of Water, Environmental Management	✓	The City of Dayton works to protect groundwater & drinking water from contamination for 400,000 customers across Dayton and Montgomery County. The City addresses and mitigates risk through chemical inventory reporting, groundwater monitoring & reporting and land use zoning. In 2024, the City's water lab became the first lab to become Ohio EPA certified in testing for the "forever chemical", PFAS.	260 SWPA Inspections performed.	<a href="https://www.daytonohio.gov/154/Source-Water-Protection-Program">https://www.daytonohio.gov/154/Source-Water-Protection-Program</a>  PFAS in Dayton: City becomes first certified 'forever chemical' water lab of its kind
G2	Groundwater & Surface Water	Maintain & monitor stormwater facilities, pg. 14	Department of Water, Environmental Management	✓	The Water Department mitigates risk and addresses contamination of stormwater via inspection of sewer outfalls, stream & river monitoring, dry weather water sampling, illegal dumping response, and oil/grease management. The Storm Water Management Program also includes educational programming such as the Adopt A Storm Drain Program and the Children's Water Festival.	1,692 outfalls inspected	<a href="#">Storm Water Management Program</a>
G3	Groundwater & Surface Water	Upgrade reclamation/sewage facility & ensure compliance, pg. 14	Department of Water, Reclamation	✓	Ensure all water discharged from the Water Reclamation Facility into the Great Miami River is compliant with federal and state standards. A total of \$65,532,632 in investments for the facility's upgrades, including: \$4,341,031 for Odor Control Covers, \$41,041,966 for improvements to the anaerobic digester, and \$20,149,635 for other capital projects.	Capital Projects (2020–2025, excluding odor control & anaerobic digester improvements): \$20,149,635  Odor Control Covers (2021): \$4,341,031  Anaerobic Digester Improvements (2020–2025): \$41,041,966  Grand Total (All Projects): \$65,532,632	<a href="#">EPA Wastewater Infrastructure Program</a>
G4	Groundwater & Surface Water	Increase industrial inspections, pg. 15	Department of Water, Reclamation and Environmental Management	✓	The Division of Water Reclamation has conducted 261 industrial pretreatment inspections, along with 38 additional site visits from 2020 to 2025.	Inspections: Jul '19-Jun '20: 43 Jul '20-Jun '21: 44 Jul '21-Jun '22: 44 Jul '22-Jun '23: 44 Jul '23-Jun '24: 44 Jul '24-Jun '25: 42  Site Visits: 2020: 4 2021: 3 2022: 9 2023: 2 2024: 7 2025: 13	<a href="#">Water Reclamation Pre-Treatment Program</a>
G5	Groundwater & Surface Water	Add stream buffers/no mowing zones & reduce fertilizer use, pg. 15	N/A	X	This work is primarily being done through the Miami Conservancy District and their partners. You can learn more here:		
G6	Groundwater & Surface Water	Green infrastructure to reduce stormwater volume, pg. 15	Department of Water, Environmental Management and Sustainability Office	✓	The city has been promoting the use of residential rain barrels and rain gardens. In 2023 and 2025, Montgomery County and Dayton partnered through Rain Water Solutions to sell Ivy rain barrels to residents at a discounted price. <a href="#">Montgomery County Soil and Water Conservation District also sells rain barrels and kits for less money than the market cost.</a>	2023: 172 rain barrels sold to Dayton residents 2025: 83 rain barrels and 51 compost bins sold to Dayton residents	<a href="https://www.metroparks.org/intro-to-using-rain-barrels/%20https://www.rainwatersolutions.com/products/mc">https://www.metroparks.org/intro-to-using-rain-barrels/%20https://www.rainwatersolutions.com/products/mc</a>
G7	Groundwater & Surface Water	Consider shared parking; use pervious pavement in parking lots & alleys, pg. 16	Department of Public Works, Civil Engineering	X	Did not complete due to cost & zoning requirements.		

G8	Groundwater & Surface Water	Replace aging drinking water pipes to reduce water loss, pg. 16	Department of Water, Water Utility Field Operations	✓	The Water Department received general pipe replacement and ran an outreach initiative to email homeowners to ask if the property had lead pipes. The Water Utility Field Operations Department (WUFO) replaced 38.45 miles of mainlines in addition to 1,444 lead water service pipes from 2020 to 2025.	1444 lead water services; 38.45 miles of water pipes replaced by WUFO since 2020	<a href="#">Pipe Replacement and Lead Filter Program   Dayton, OH</a>
G9	Groundwater & Surface Water	Establish adopt-a-stream and watershed trash reduction programs, pg. 16	Department of Water, Environmental Management	✓	The Adopt-A-Storm-Drain program was created, allowing organizations, community groups, and individuals to pick a storm drain to take care of and keep clean in order to prevent trash from entering the waterways. To date, there has been 158 drains adopted, with 58 logged drain clearings. The City also offers resources for organizations and community groups to host their own DIY river clean up in addition to the annual Clean Sweep of the Great Miami River. The 2025 Clean Sweep rid the Great Miami River of 2.5 tons of trash. There has been 1,488 participants in over 160 river clean ups since 2020. Local community artists have been creating storm drain art for the past 2 years.	Drains adopted: 158 Trash collected: 46.9 tons	<a href="#">Adopt-A-Drain</a>
G10	Groundwater & Surface Water	Sweep streets & parking lots to reduce runoff pollutants pg. 16	Department of Public Works, Street Maintenance	✓	Since 2020, we have swept over 5,000 miles of roads per year in the City of Dayton to assist with beautification and reduction of pollution. A five year high of 7,577 miles was swept in 2024.	2020- 6,784 mi 2021- 5,521 mi 2022- 6,704 mi 2023- 5,961 mi 2024- 7,577 mi 2025- 7,380 mi	<a href="#">Sweeping &amp; Mowing   Dayton, OH</a>
G11	Groundwater & Surface Water	Inspect construction sites and storm drains to prevent contamination; monitor for illegal dumping, pg. 16	Department of Water, Environmental Management	✓	The Water Department utilizes CCTV cameras and tips to the Regional Illegal Dumping Response Team to track illicit dumping. It also routinely inspects water sites, runoff sites, construction, and other areas to test the water quality. They also partner with University of Dayton to test water health and quality to identify polluters.	80% of outfalls sampled per year, triple the number of samples required by the National Pollution Discharge Elimination System (NPDES) permit.	<a href="#">Illegal Dumping   Dayton, OH</a>
G12	Groundwater & Surface Water	Protect low-lying areas from flooding, pg. 16	Department of Water, Engineering	✓	The Department of Water engineers ensure the size and condition of storm drains are able to adequately push floodwaters to the river as part of their infrastructure projects. Areas that are likely to flood are developed and/or redeveloped accordingly.	Not quantifiable.	<a href="#">Department of Water Engineering Design Standards (PDF), Section 5</a>
G13	Groundwater & Surface Water	Incentivize homeowners to replace old plumbing with water and energy-saving fixtures, pg. 16	N/A	✗	Energy efficiency measures, including energy savings for water fixtures, for homeowners were primarily done through AES Ohio in previous years. Check the "Link for Information" column on the right for more information.		<a href="#">Energy savings tips   AES Ohio</a>
A1	Air Pollution Reduction	Transition City fleet to EVs and install EV chargers, pg. 17	Department of Public Works, Fleet Management and Property Management	✓	Adopted an Electric Vehicle (EV) Fleet Procurement Plan and did an EV Equity Plan. The City installed 25 chargers for it's electric fleet through an AES Ohio rebate, in addition to the 14 that were installed via City investment. In addition, the City won \$9 million in federal Charging & Fueling Infrastructure (CFI) grants to install EV chargers within 25 locations the community.	City fleet: 45 light-duty vehicles, 39 chargers installed. Public: 25+ chargers pending installation	<a href="#">Electric Vehicles and Charging Information   Dayton, OH</a>
A2	Air Pollution Reduction	Reuse or sell methane gas byproduct from Water Reclamation Facility and city-owned landfill, pg. 17	Department of Water, Reclamation	✓	As part of the Water Reclamation Master Plan, the Sustainability Office worked with the Water Reclamation Facility (WRF) to put an RFQ and RFP to hire a turn key operator to capture our methane. This project took 2 years to complete and helped reduce our emissions while generating revenue for WRF. The project officially started in 2024, and the city is one of the first in the country to do a project like this.	47,394,911 CCF of methane emissions mitigated; generating an estimated of \$800,000 per year in revenue for WRF.	<a href="#">How Dayton is using its sewage to reduce its carbon footprint</a>
A3	Air Pollution Reduction	Reactivate electric aggregation program with added renewable energy rate, pg. 18	Department of the City Manager, Sustainability Office	✓	Reactivated in 2021, the program officially restarted in 2022. In partnership with the Sustainable Ohio Public Energy Council (SOPEC), the City negotiated distribution rates for 100% renewable energy for residents.	\$462.56 total net savings per household from 2022-2025; offset 330, 096 metric tons of CO2 since the start of the program.	<a href="#">Electric Power Aggregation   Dayton, OH</a>

A4	Air Pollution Reduction	Reduce energy demands from City buildings via installation of green/white roofs and solar, pg. 18	Department of Public Works, Property Management	✓	Installed first solar on city owned building in 2025 at the West Pod Police Station on Third Street (0.06 MW). Approved installation of 5.15 MW of solar for the Miami Water Treatment Plant.	5.21MW of solar currently under contract.	<a href="#">City approves solar installation to power Dayton water treatment plant</a>
A5	Air Pollution Reduction	Upgrade HVACs to energy-efficient models as infrastructure ages (with age), pg. 18	Department of Public Works, Property Management	✓	Several city facilities are receiving updated, energy-efficient HVAC systems through American Rescue Plan Act (ARPA) funding. A total of \$10.5 million was allocated to city facility improvements, and \$11 million was allocated to police & fire station improvements. Since 2020, Property Management has installed or replaced 266 HVAC units or sub-units.	Total units replaced/installed per year: 2020- 10 units, 114 fan coil units, 2 mini splits 2021- 5 units, 2 mini splits 2022- 6 units, 2 fan coil units 2023- 4 units 2024- 1 unit, 1 mini split 2025- 120 units, 1 mini split	<a href="#">Enhancing Critical City Services   Dayton Recovery Plan</a>
A6	Air Pollution Reduction	Install sensors & awnings to reduce HVAC use; Use stormwater to clean fire equipment; Install solar water heaters, pg. 18	Department of Public Works, Division of Property Management	✓	While we have not done stormwater or solar heaters, several city facilities are receiving upgrades through ARPA funds ( <i>see line 19</i> ) . When completing building upgrades, light sensors are added by Property Management. The Safety Building is undergoing lighting and sensor upgrades through a \$179,000 Ohio Department of Development grant received in 2024.	\$179,000 grant secured	<a href="#">Energy Efficiency Program for Ohio Communities (EEPOC) Grant Awardees</a>
A7	Air Pollution Reduction	Convert City-owned sodium streetlights to LEDs, pg. 19	Department of Public Works, Property Management and Civil Engineering	✓	The Department of Public Works has been working to convert more streetlights to LED and adding nodes to help with better light sensing. The city completed most LED upgrades in a six-phase project between 2016-2020. Periodic street renovations have resulted in additional replacements or additional LED lighting.	Total LED streetlights installed per year: 2020: 1337 2021: 18 2022: 82 2023: 15 2024: 23 2025: 25	<a href="#">A brighter future: All Dayton street lights to be upgraded</a>
A8	Air Pollution Reduction	Complete conversion of all Dayton airport lighting to LEDs, pg. 19	Department of Aviation	✓	The Dayton International Airport has upgraded from fluorescent to LED lighting in all offices, staff rooms, and bathrooms. They are in the process of getting the remainder of lighting throughout the airport switched over as well.	60 LED light fixtures installed.	<a href="#">Airport Terminal Lighting Information</a>
A9	Air Pollution Reduction	Purchase Energy Star rated electronics & office equipment, pg. 19	Department of IT	✓	Department of IT purchases energy star electronics and computers, when possible.	No data available.	<a href="#">Energy Star Information</a>
A10	Air Pollution Reduction	Ban fracking within city limits, pg. 19	N/A	X	The Supreme Court ruled that cities cannot outlaw fracking through local ordinances within city limits.		
A11	Air Pollution Reduction	Study City fleet usage to improve fuel efficiency & assess shared vehicle model, pg. 19	Department of Public Works, Fleet Management, Department of Finance, Procurement, Department of the City Manager, Sustainability	✓	Adopted an EV Fleet Procurement Plan in 2024. <i>See line 15.</i>		
A12	Air Pollution Reduction	Install public EV chargers to facilitate use of EVs by residents & businesses, pg. 19	Department of the City Manager, Sustainability Office	✓	The City of Dayton, through funding awarded by Volkswagen, installed 3 public chargers at the Dayton Dragons Stadium, Downtown Metro Library, and the Levitt Pavilion. In addition, the City of Dayton won a grant through the Miami Valley Regional Planning Commission to install 2 chargers at Lohrey and Northwest Recreation Centers. In partnership with Sustainable Ohio Public Energy Council, the City won a CFI grant to install public chargers at 25 locations throughout the City.	5 installed; 25 locations pending	<a href="#">Electric Vehicles and Charging Information   Dayton, OH</a>
A13	Air Pollution Reduction	Reimburse city-employee EV owners for state registration fees pg. 19	N/A	X	Not financially feasible.		
A14	Air Pollution Reduction	Encourage private sector EV charger installation; maintain list of desired charging locations pg. 19	Department of the City Manager, Sustainability Office	✓	The City partners with AES to promote their EV rebate program, and Drive Electric Dayton to fill charging gaps within the community. Has a map of community generated charger locations.	No data to report	<a href="#">City of Dayton EV Charging Information</a>

A15	Air Pollution Reduction	Offer discounted public EV charging early on; Require EV chargers in new private parking lots; Streamline residential EV charger permitting process, pg. 19	N/A	X	The City of Dayton is working to update the zoning code around EV charging in private lots and streamlining a permitting process. This will be reflected in the next zoning code change.		
A16	Air Pollution Reduction	Modify parking meters to offer discount EV/hybrid vehicles, pg. 20	Department of the City Manager, Sustainability Office	✓	While we didn't modify parking meters, the City of Dayton intervened in a electricity rate case and worked with AES to get an incentive for those charging at night. AES Ohio customers can get rewards and potentially save money by charging their electric vehicles at night through the Off-Peak EV Charging Rewards program, which defines off-peak hours as 8:00 PM to 8:00 AM. This program offers a one-time sign-up incentive and ongoing rewards for charging during these off-peak times, which are more efficient for the grid.	If enrolled in the program, you get \$150 ; Customer receives \$0.05 kwh for charging during off peak hours.	<a href="#">AES Ohio EV Charging Information</a>
A17	Air Pollution Reduction	Maintain energy use tracking at City facilities; set and report on long-term energy reduction goals pg. 20	Department of the City Manager, Sustainability Office	✓	The Sustainability Office put out an RFP and partnered with Jade track in 2023 to track all energy usage at City facilities. Previous to the Sustainability Plan, we did not have any energy tracking software. This software has led us to identify billing issues and assist with tracking our energy procurement.	\$3,785,656 (2022 savings); \$6,536,288 (2023 savings); \$5,170,872 (2024 savings)	<a href="#">Energy Tracking Software RFP</a>
A18	Air Pollution Reduction	Expand tree canopy by supplying residents with free/low-cost native trees in urbanized areas, pg. 20	Department of the City Manager, Sustainability Office	✓	Won a \$2 million grant to do a tree canopy assessment and look at where we should install trees. We also have been working to expand tree canopy throughout the City. Residents can also request trees from the City to plant along roadways.	1,265 trees planted in requested neighborhoods since 2020; \$2 million in grant dollars secured for urban forestry.	<a href="#">City of Dayton offering tree planting program   WDTN.com</a>  <a href="https://survey123.arcgis.com/share/77c195c57d7f4eb78b29fcbd80ccccc7">https://survey123.arcgis.com/share/77c195c57d7f4eb78b29fcbd80ccccc7</a>
R1	Renewable Energy	Join <i>Ready for 100 &amp; Mayors for 100% Clean Energy</i> initiatives, pg. 21	Department of the City Manager, Sustainability Office	✓	The City of Dayton joined this initiative through the adoption of the Climate Emergency in 2021.	Adopted on April 21, 2021 (Earth Day).	<a href="#">Dayton, Ohio Commits to 100% Clean, Renewable Energy   Sierra Club</a>
R2	Renewable Energy	Move forward with carbon neutrality through purchase of RECs and pursuing renewable energy sources, pg. 21	Department of the City Manager, Sustainability Office	✓	Renewable Energy Certificates (RECs) are purchased to offset our load of 350,000 MW through the City of Dayton's 100% renewable energy electric aggregation program. As of 2024, the City of Dayton facilities load is 100% renewable as well. Over 95,000 RECS were purchased and retired for city facilities between 2020 and 2025. Over 1million RECs were purchased and retired for the city's energy aggregation program on behalf of residents, equal to over 70,000 kWh of renewable energy per customer since the start of the program in 2022.	<i>City Facility RECs:</i> 2020: 990 2021: 21,003 2022: 19,148 2023: 19,955 2024: 19,610 2025: 15,790  <i>Aggregation Program:</i> 2022: 167,262 RECs - 43,182kWh/customer 2023: 311,446 REC - 9,682 kWh/customer 2024: 315,717 RECs - 9,716 kWh/customer 2025: 226,860 RECs - 7,571 kWh/customer	<a href="#">Electric Power Aggregation   Dayton, OH</a>
R3	Renewable Energy	Streamline permitting for residential & commercial solar panel installation, pg. 21	Department of the City Manager, Sustainability Office	✓	The City of Dayton worked with the Planning Department to make it easier for historic homes to get solar on their roofs. Now, they do not need to go to Landmarks Commission for approval. In addition, we are currently working to upgrade our zoning code to make solar easier to obtain for residents.	Solar panels installed on 301 Dayton homes since 2020.	<a href="#">Historic Districts Information   Dayton, OH</a>
R4	Renewable Energy	Add rooftop solar to City buildings; Reinforce roofs to support future solar; Consider solar canopies over parking pg. 21	Department of the City Manager, Sustainability Office	✓	Installed first solar on city owned building in 2025 at the West Pod Police Station on West Third Street (0.06 MW). Approved installation of 5.15 MW of solar for Miami Water Treatment adjacent to the now-closed Kittyhawk Golf Course.	5.21MW of solar to be installed	<a href="#">Dayton's first utility-scale solar array aligns with city's climate and energy goals</a>

R5	Renewable Energy	Conduct new City energy audit to identify savings potential, pg. 22	Department of the City Manager, Sustainability Office	✓	The City completed energy audits of 17 facilities in 2021 and used the audits to apply for grant funding in 2022 onward.	17 audits completed	<a href="#">RFP To Building Audits</a>
R6	Renewable Energy	Install solar on closed golf course land to power City water facilities, pg. 22	Department of the City Manager, Sustainability Office	✓	See <i>line 36</i> about solar at Kittyhawk Golf Course. While it did not ultimately go on the golf course, we identified a location adjacent to the golf course to use for power at the Miami Water Treatment Plant. Project expected to be completed by the end of 2026.	5.15 MW of solar to be installed.	<a href="#">Dayton's first utility-scale solar array aligns with city's climate and energy goals</a>
R7	Renewable Energy	Identify community-scale renewable partnerships and opportunities, pg. 22	Department of the City Manager, Sustainability Office	✓	The Office of Sustainability has expanded their work to partner with solar advocates via RFP processes. Selected developers and non-profits including IGS, Kokosing, Solar United Neighbors. The City is currently exploring installing solar in city limits for community aggregation.	No data available.	
R8	Renewable Energy	Promote PACE funding for green retrofits & claim applicable electrical rebates, pg. 22	Department of the City Manager, Sustainability Office	✓	Three projects received a total of nearly \$9 million in investment through Property Assessed Clean Energy (PACE) financing between 2020 and 2021 for energy efficiency upgrades. In 2024, We worked with the Dayton Port Authority to launch the Pace Direct program in which small businesses would have access to PACE financing. The City of Dayton contributed \$1 million to this effort as well as worked to get PACE financing for additional buildings.	PACE financing investments:  Front Street Building Co.: \$495,000 130 W. 2nd St: \$2,100,000 Dayton-Pheonix: \$6,260,000  20 applications received so far for PACE Direct program.	<a href="#">PACE Program — Dayton/Montgomery County Port Authority</a>
C1	Climate Change Adaptation	Adopt climate emergency resolution, pg. 23	Department of the City Manager, Sustainability Office	✓	Approved April 21, 2021 - as part of the Climate Emergency, we adopted an 100% electric vehicle fleet goal by 2035, a carbon neutrality goal by 2050, and that our aggregation program would be 100% renewable by 2040. The electric aggregation goal was met in 2022, while the electric fleet goal has been extended to 2045.	Approx. 10% of city light-duty vehicles are electric.  100% renewable electric aggregation	<a href="#">City of Dayton Climate Emergency Resolution</a>
C2	Climate Change Adaptation	Align City Code with sustainability goals, pg. 23	Department of Planning, Neighborhoods & Development, Division of Planning	✓	The City is working on updating the zoning code currently to align with sustainability. We also worked to add various sustainability language including making it easier to install solar on historic homes, limitations for data centers—specifically cryptocurrency mining in city limits, and others.	See zoning code for sustainability language additions	<a href="https://www.daytonohio.gov/DocumentCenter/View/550/City-of-Dayton-Zoning-Code-PDF?bidId=">https://www.daytonohio.gov/DocumentCenter/View/550/City-of-Dayton-Zoning-Code-PDF?bidId=</a>
C3	Climate Change Adaptation	Require green features in new buildings and ensure building requirements satisfy Energy Star or LEED certifications, pg. 23	N/A	X	Evaluating for next zoning code revisions in 2026.		
C4	Climate Change Adaptation	Maintain storm drains to manage flood water in low-lying areas, pg. 23	Department of Water, Environmental Management	✓	See <i>line 13</i> .		
C5	Climate Change Adaptation	Add backup power and generators at key locations in the event of a major power outage, pg. 24	Department of Water	✓	Generators already present at emergency locations. In 2020, the City of Dayton received \$3.6 million to install new electric generators at the water treatment plants in the even of major emergencies or outages.	5 new electric generators	<a href="#">Dayton to get \$3.6M to add generators to prevent water outages</a>
C6	Climate Change Adaptation	Ensure emergency equipment & generators are tested and refueled ahead of predicted severe storms; Plan for emergency refueling supply/routes, pg. 24	All Departments	✓	Critical infrastructure tests generators to ensure they are running in emergencies and for peak load reduction.		
C7	Climate Change Adaptation	Purchase storm response & rescue equipment; Consider buying portable solar for shelters in case of prolonged power outage, pg. 24	N/A	X	Currently not financially feasible.		
C8	Climate Change Adaptation	Consider smaller, more efficient fire units in support of medical units for emergencies; Electrify light-duty vehicles, pg. 24	Department of Fire	✓	The Dayton Fire Department purchased its first electric vehicle in 2025, and is continuing to explore additional EVs. See <i>line 15</i> for additional information.		

C9	Climate Change Adaptation	Maintain emergency service partnerships (cooling stations, water, shelter), pg. 24	All Departments	✓	The City of Dayton has some of the only heating and cooling centers in the county to help vulnerable populations in case of emergencies. These are located at Northwest, Lohrey, and Greater Dayton Recreation Centers.	3 centers	<a href="#">Dayton, Ohio cooling centers during heat wave</a>
C10	Climate Change Adaptation	Continue participation in Climate Mayors & National League of Cities, pg. 24	Department of the City Manager, Sustainability Office	✓	Active status in both organizations. Mayor Mims was on the Steering Committee of Climate Mayors.		<a href="#">Climate Mayors   About</a>
C11	Climate Change Adaptation	Launch neighborhood volunteer programs to check on vulnerable populations after severe weather, pg. 24	Department of the City Manager, Sustainability Office	✓	The Walnut Hills Neighborhood Association launched the Good Neighbor Network to enroll vulnerable populations in a program where they would help check on folks in case of an emergency.	20 people enrolled as of October 2025	<a href="#">Walnut Hills Neighborhood Association   Facebook</a>
W1	Waste Management	Encourage purchasing of products with recycled content, pg. 25	Department of Public Works, Division of Waste Collection	✓	Adopted the Sustainable Procurement Policy in 2025, which encourages more sustainable choices within City departments.	No data available yet.	<a href="#">City of Dayton Sustainable Procurement Policy</a>
W2	Waste Management	Increase residential recycling participation; ensure every household has a cart & weekly collection, pg. 25	Department of Public Works, Division of Waste Collection	✓	Not every house opts in to the recycling program, but the program is available to every residence. Collection is still bi-weekly. Investment has been made in Rubicon software and onboard cameras that will provide real time statistics about participation and facilitate tracking problem accounts for contamination, non-participation, etc. in order to do more targeted education and enforcement.	55% of households are enrolled in curbside recycling excluding multi-family.	<a href="#">Recycling at Home is Free and Easy   Dayton, OH</a>
W3	Waste Management	Reduce recycling contamination through "recycle right" education initiative pg. 25	Department of Public Works, Division of Waste Collection	✓	Collections has worked to publish recycling guidelines in 9 different languages that are shared in municipal buildings, during outreach engagements, and can be delivered to mailboxes. The Dayton Collects website and Recycling Wizard app provide quality information and guidelines for recycling and are being updated and improved as a collaboration between the Collections and Sustainability departments. Collections has reported markedly lower contamination than the previous audit by Rumpke— specifically noting less plastic bag contamination.	2024 visual audit indicated 95% of recycling sampled with less than 20% contamination.	<a href="#">Recycling at Home is Free and Easy   Dayton, OH</a>
W4	Waste Management	Amend Solid Waste Management code to prohibit recyclables from being disposed as refuse; establish mandatory recycling rate for commercial entities, pg. 25	N/A	X	This has not been initiated yet. Feasibility of recycling rate is being explored.		
W5	Waste Management	Eliminate hard-to-recycle waste (e.g., Styrofoam) to reduce disposal rate paid to County pg. 26	N/A	X	Due to the feasibility of eliminating hard-to-recycle waste, the City has instead decided to focus on providing more opportunities to recycle items not accepted in curbside Collections is. The City has helped to support the efforts of Montgomery County Solid Waste District (SWD) and other partners with hard-to-recycle waste programs such as SWD's quarterly Styrofoam drop-off and tire buyback programs for residents.		<a href="#">Recycling &amp; Special Collections Services   Montgomery County, OH - Official Website</a>
W6	Waste Management	Promote composting and explore city-wide program options, pg. 26	Department of Public Works, Division of Waste Collection	✓	Waste Free Dayton has worked to expand free drop off composting stations in City limits. The Office of Sustainability worked with Montgomery County Solid Waste District to apply for two grants to expand food waste composting drop-off; one grant is still active. Sustainability is continuing to explore ways that the City can find sustained funding sources and leverage resources to support residential and commercial composting.	2 composting stations added by Waste Free Dayton in City of Dayton limits.	<a href="#">Compost Stations — Waste-Free Dayton</a>
W7	Waste Management	Consider plastic bag fee , pg. 26	N/A	X	A temporary plastic bag ban was in effect for one year and expired in 2022. Since then, several other cities have implemented similar bans, which have led to ongoing legal challenges regarding the law's validity. Currently, the courts are reviewing whether such bans are legally permissible. The City is monitoring these proceedings and will wait for a final ruling before considering the adoption of its own plastic bag ordinance.		

W8	Waste Management	Ensure recycling bins are available at City buildings, City-sponsored events, and for neighborhood gatherings when needed, pg. 26	Department of Public Works, Division of Waste Collection	✓	Additional recycling bins have been added through the downtown corridor near event spaces. City buildings have recycling receptacles. The Office of Sustainability is working with the City's Green Team to increase awareness and use, as well as work with Property Management to ensure a proper protocol is in place for removing recycling and landfill waste to appropriate carts and dumpsters.	No data available.	<a href="#">City of Dayton Recycling Information</a>
L1	Land Use and Community Garden	Amend zoning to support smart land use (i.e., density, transit accessibility, walkability), pg. 27	Department of Planning, Neighborhoods & Development, Division of Planning	✓	The Sustainability Office was on the steering committee of the team who adopted the Active Transportation Plan in 2023. More information on the Active Transportation Plan can be found on the link provided.	Plan adopted in 2023	<a href="#">City of Dayton Active Transportation Plan</a>
L2	Land Use and Community Garden	Update <i>Urban Design Guidelines</i> to support green space, pg. 27	Department of Planning, Neighborhoods & Development, Division of Planning	X	Dayton's guidelines were last updated in 2013.		<a href="#">City of Dayton Design Guidelines</a>
L3	Land Use and Community Garden	Support mixed-use development and redevelopment pg. 27	Department of Planning, Neighborhoods & Development, Division of Economic Development	✓	The City of Dayton supports mix-use development and re-development. Most notable, the City of Dayton worked to complete the Dayton Arcade, using PACE funding, and reused many former portions of the building. The Sustainability Office has also been working to identify opportunities for reuse of contaminated/brownfield/superfund sites like Valleycrest Landfill.	\$365 million invested in 2025	<a href="#">Dayton develops: \$365M invested in city; more than 25 projects done or in works</a>
L4	Land Use and Community Garden	Amend zoning to promote native landscaping and reduce invasive species, pg. 27	Planning, Neighborhoods and Development	✓	The City worked with Zoning to explore what upgrades could take place within the zoning code around native plants and trees. The City only plants native plants and in the current upgrade of the zoning code, we will be adding guidelines for native planting.	Not quantifiable.	<a href="#">City of Dayton Zoning Code</a>
L5	Land Use and Community Garden	Create pocket parks in underserved neighborhoods, pg. 27	Department of Planning, Neighborhoods & Development, Division of Planning	✓	The City of Dayton has approved a \$250,000 investment from the Dayton Recovery Plan to support Conscious Connect Community Development Corporation in revitalizing two underused properties into pocket parks in Westwood and Five Oaks. The parks will improve neighborhood safety, health, and equity by adding trees, landscaping, seating, shelters, and other amenities—with ongoing maintenance provided through partnerships secured by Conscious Connect. This funding is part of the \$7.6 million Supporting Black and Brown Businesses initiative within the \$138 million Dayton Recovery Plan, which uses American Rescue Plan Act funds to address long-standing economic, social, and infrastructure inequities.	2 pocket parks	<a href="#">Press Release</a>
L6	Land Use and Community Garden	Expand community gardens and no-mowing spaces, especially on vacant lots, pg. 27	Department of Planning, Neighborhoods & Development, Community Engagement and the Department of Water, Division of Environmental Management	✓	The City of Dayton Sustainability Office received an I-team whose work focused on promoting urban agriculture within the city with community partners. The Department of Water and the Department of Planning Neighborhoods & Development worked to offer an urban agriculture grant each year to interested growers. The City is exploring different grass & clover mixes to use for no-mowing sites.	Around 25 gardens supported through urban agriculture grants per year.	<a href="#">City of Dayton Urban Ag Grant</a>
L7	Land Use and Community Garden	Remove zoning & city code barriers alternative energy use; publish solar map, pg. 27	Department of Planning, Neighborhoods & Development	✓	We worked with Historic Preservation to make it easier for historic homes to add solar (see line 35). We did not publish a solar map.	301 solar installed on homes in Dayton since 2020	<a href="#">Historic Districts Information   Dayton, OH</a>
L8	Land Use and Community Garden	Promote infill development and building renovation & reuse; Promote brownfield redevelopment, pg. 28	Department of Planning, Neighborhoods & Development	✓	See line 62.		

L9	Land Use and Community Garden	Reduce food insecurity via urban agricultural support and partnerships, pg. 28	Department of Planning, Neighborhoods & Development, Community Engagement and the Department of Water, Division of Environmental Management	✓	The City of Dayton Sustainability Office received an I-team whose work focused on promoting urban agriculture with community partners. The Department of Water and the Department of Planning worked to offer an urban agriculture grant annually to interested growers or financing assistance toward water spigot installation & water use charges.	Around 25 gardens supported through urban agriculture grants per year.	<a href="#">City of Dayton Urban Ag Grant</a>
L10	Land Use and Community Garden	Reach 50% tree canopy goal, pg. 28	Department of Public Works, Urban Forestry	✓	While the city did not reach this tree canopy goal, the Department of Public Works did secure \$2 million dollars to perform the first tree canopy assessment since 1987, in addition to tree planting and maintenance.	1,265 trees planted in requested neighborhoods since 2020; \$2 million in grant dollars secured for urban forestry.	<a href="#">Montgomery County Landbank Tree Canopy Program</a>
L11	Land Use and Community Garden	Provide free/low-cost native trees for residents pg. 28	Department of Public Works, Urban Forestry	✓	Residents are able to request free trees to be planted along public streets/rights-of-way through the Department of Public Works.	1,265 trees planted in requested neighborhoods since 2020; \$2 million in grant dollars secured for urban forestry.	<a href="#">2025 City of Dayton Street Tree Planting Request</a>
L12	Land Use and Community Garden	Identify City-owned locations for community gardens; Develop Community Garden Master Plan, pg. 29	Department of the City Manager, Sustainability Office	✓	The City of Dayton's Sustainability Office partnered with the Montgomery County Land Bank to conduct an assessment to help identify parcels of land suitable for urban agriculture. This analysis will be completed next year, and will include several touchpoints for engagement from community members.	\$38,000 in funding to conduct land evaluations and assessments.	
L13	Land Use and Community Garden	Support community gardens with materials, resources, and additional access to land parcels where possible, pg. 29	Department of Planning, Neighborhoods & Development, Community Engagement and the Department of Water, Division of Environmental Management	✓	The City of Dayton Sustainability Office received an innovation team, whose work is focused on streamlining access to resources and promoting urban agriculture within the city with partners. The Department of Water and the Department of Planning worked to offer an urban agriculture grant annually to interested growers or financing assistance toward water spigot installation & water use charges.	Around 25 gardens supported through urban agriculture grants per year.	<a href="#">City of Dayton Urban Ag Information</a>
T1	Transportation	Prioritize streets with broken pavement for resurfacing, pg. 30	Department of Public Works, Civil Engineering	✓	In 2022, the City of Dayton approved over \$5 million in contracts for road repair. Please	372 lane miles of roads repaved from 2020-2025.	<a href="#">Current &amp; Upcoming Roadway Construction Projects</a>
T2	Transportation	Plan for EVs, phase out obsolete gas infrastructure, and consider impact on low-income residents, pg. 30	N/A	X	We have not created a plan for phasing out gas infrastructure but have been working to install EV infrastructure. <i>See lines 15 and 26 for more info.</i>		
T3	Transportation	Implement complete streets approach adopted by the 2040 Transportation Plan, pg. 30		✓	The city is implementing this plan based on recommendations listed in partnership with civil engineering and planning divisions.	Not quantifiable.	<a href="#">Dayton Transportation Plan 2040</a>
T4	Transportation	Update & implement 2025 Bicycle Action Plan; Maintain or increase bronze <i>Bicycle Friendly City</i> designation, pg. 30	Planning, Neighborhoods and Development	✓	In 2024, the City achieved silver designation for Bicycle Friendly City through 2028.	Silver Designation in 2024	<a href="#">2025 Bicycle Action Plan</a>
T5	Transportation	Publish accessible and routinely updated bike/pedestrian maps, and develop wayfinding signage, in partnership with transportation-focused organizations, pg. 31	Department of Public Works, Civil Engineering	✓	The Miami Valley Regional Planning Commission (MVRPC) partners with Five Rivers Metroparks to publish up-to-date bike and pedestrian maps. The City of Dayton works to support information as needed to partners.	Not quantifiable.	<a href="#">Bikeways Map   MVRPC</a>
T6	Transportation	Install and encourage the installation of bike racks city-wide, pg. 31	N/A	X	City did not secure funding to install bike racks.		
T7	Transportation	Encourage business investment in transit stop enhancement, pg. 31	N/A	X	RTA has been investing in bus stop enhancement.		

T8	Transportation	Connect neighborhoods to bike and pedestrian routes, pg. 31	Department of Public Works, Civil Engineering	✓	The City adopted the Active Transportation Plan in 2023, with recommendations that include adding 10 miles of sidewalks, intersection improvements, and 124 miles of additional bikeways. The Department of Public Works has been working on adding more bike lanes to the city to connect neighborhoods and corridors. Maps are available at Five Rivers Metroparks main office, or at the link in line 77.	8.1mi total bike lanes added, including 1.3mi of two-way cycle track and 1.35mi of side paths.	<a href="#">Active Transportation Plan   Dayton, OH</a>
T9	Transportation	Maintain and sweep bike lanes regularly, pg. 31	Department of Public Works, Division of Street Maintenance	✓	We regularly work to sweep the streets to clean debris, help with beautification, and work to maintain our roadway. Bike lanes and shared use paths are swept and maintained year-round, including pushing back honey suckle, addressing tree obstructions, and leaf blowing, as needed. See page 98 of the Active Transportation Plan for maintenance strategies.	No data available.	<a href="#">Dayton Active Transportation Plan</a>
F1	Financial	Adopt a sustainable purchasing policy, pg. 32	Department of Finance, Division of Procurement	✓	The City of Dayton adopted a Sustainable Procurement Policy in 2025 through feedback and recommendations from the internal Green Team and the Dayton Chamber of Commerce.	No data available.	<a href="#">Dayton Sustainable Procurement Policy</a>
F2	Financial	Install motion-activated light sensors in City offices, pg. 32	Department of Public Works, Division of Property Management	✓	When completing building upgrades, light sensors are added by Property Management. The Sustainability Office helped secure a \$179,000 grant to upgrade lighting and sensors in the Safety building—which is expected to save the city 15.3% on utility bills.	\$179,000 secured for lighting upgrades	<a href="#">Energy Efficiency Program for Ohio Communities (EEPOC) Grant Awardees</a>
F3	Financial	Expand cloud storage and digital tools, especially for field personnel pg. 32	Department of IT	✓	The City of Dayton has taken significant steps to modernize its technology infrastructure and improve the efficiency and effectiveness of field personnel through the expansion of cloud storage and deployment of advanced digital tools. Key initiatives include cloud migration, cloud-based employee storage, mobile device deployment, public safety technology, camera network expansion, and fleet & navigation enhancements. Through these strategic investments in cloud and digital tools, the City of Dayton continues to improve its service delivery, enhance public safety, and ensure that field personnel are equipped with the modern tools they need to perform their duties effectively.	Not quantifiable.	
F4	Financial	Install smart drinking water meters, pg. 32	Department of Water	✓	The City of Dayton Water Department currently uses an Automatic Meter Reading (AMR) system for measuring water consumption for both residential and business customers, but will start phasing those out in 5 years. The new smart metering will be an Advanced Metering Infrastructure (AMI)—which will benefit the City of Dayton and our customers.	No data available	<a href="#">Water Meter Information   Dayton, OH</a>
F5	Financial	Pursue external sustainability grant funding pg. 32	Department of the City Manager, Sustainability Office	✓	The Sustainability Office has been active in pursuing grant opportunities We helped secure over \$36 million in grant for city residents, departments, and businesses. <i>Grant details in link.</i>	\$36 million in grants won	<a href="#">City of Dayton Sustainability Office Annual Reports</a>
F6	Financial	Continue/expand City wellness program, pg. 33	Department of Human Resources	✓	The Department of Human Resources has continued to offer a wellness program to employees to offset healthcare costs which has included some sustainability-adjacent programs like building your own terrariums and team activities to get staff up and moving.	No data available	<a href="#">Be Well Dayton Program</a>
F7	Financial	Partner internally on capital improvement debt issuance for green projects	Department of the City Manager, Sustainability Office	X	Have not yet explored, working to do this in the future.		
F8	Financial	Reuse waste heat from recreation center swimming pools, pg. 33	N/A	X	Not financially feasible.		

F9	Financial	Set paper reduction/digitization goals for City, pg. 33	N/A	X	While we did not set a goal, we have been moving more processes to paperless including signature authority, law contract review, budgeting, and other city processes.		
F10	Financial	Create a sustainability funding program for City department projects, pg. 33	Department of the City Manager, Sustainability Office	✓	The Sustainability Office has been able to secure grant dollars and settlement funding to support sustainability projects in other offices. This is part of our \$36 million in funding secured.	\$36 million in grants won for City of Dayton	<a href="#">City of Dayton Sustainability Office Annual Reports</a>
E1	Environmental Awareness	Educate public on sustainable techniques, pg. 34	Department of the City Manager, Sustainability Office	✓	As part of our sustainability work, the Office of Sustainability does several forms of outreach—including tabling, newsletters, interviews with radio and TV, and conference presentations. We hosted the "Sustainable Living 2025 Summer Program" mini courses for residents at each of the three recreation centers. Staff from our office have been to DC to present in front of 400 staff of the Federal Energy Regulatory Commission, statewide conference with rooms close to 1,000 guests and more.	Over 41,000 people reached since tracking began in 2022	<a href="#">Sustainability Education   Dayton, OH</a>
E2	Environmental Awareness	Expand Environmental Advisory Board role to include sustainability, pg. 34	Department of the City Manager, Sustainability Office	✓	While we haven't formally expanded their power, the Sustainability Office works to get approval on all plans (like the EV Equity Study) and other projects through the Environmental Advisory Board, an additional task added onto their role since the creation of the Sustainability Office.	Not quantifiable.	<a href="#">Environmental Advisory Board Meeting Minutes</a>
E3	Environmental Awareness	Reactivate the City's internal Green Team, pg. 34	Department of the City Manager, Sustainability Office	✓	The City of Dayton Green Team was reactivated in Fall of 2023 and contains people from each division in the city. We meet quarterly to discuss sustainability projects, get feedback on policy, and they will help shape the sustainability plan moving forward.	Since the reactivation of the green team, we have had 6 meetings	
E4	Environmental Awareness	Create a system for staff to submit sustainability ideas, pg. 35	N/A	X	While we did not create an official system, all departments can provide ideas and feedback during our quarterly Green Team meetings.		
E5	Environmental Awareness	Explore creating an Energy and Sustainability Theme Park, pg. 35	N/A	X	Not financially feasible.		
E6	Environmental Awareness	Launch Excellence in Sustainability Award, pg. 35	N/A	X	We did not do this, but this already exists in the community through Dayton Regional Green, Power Clean Future Ohio, and Partners for the Environment.		
E7	Environmental Awareness	Adopt an internal "sustainable operations" policy, pg. 35	Department of the City Manager, Sustainability Office	✓	The Sustainable Practice Policy was adopted in 2012 but is meant to be reviewed every 2 years. This policy encourages energy and waste conservation measures at city facilities, and works to encourage reduction in energy consumption. We have used this policy to encourage departments to follow these practices.	Not quantifiable.	<a href="#">Sustainable Practice Policy</a>
E8	Environmental Awareness	Develop children's outreach programming about gardening, nutrition, and waste, pg. 35	Department of Recreation and Department of the City Manager	✓	In 2021, the Office of Sustainability developed curriculum and launched the Dayton Sprouts program through the Northwest and Lohrey recreation center summer camps. Children ages 3 through 12 learn about sustainability, the environment, and food systems through activities and hands-on learning.	1500 children over the past 5 summers	<a href="#">Dayton Sprouts   Sustainability Hub</a>
E9	Environmental Awareness	Collect resident input on planned sustainability improvements, pg. 35	Department of the City Manager, Sustainability Office	✓	We attend existing community meetings to collect information that help inform our work. The sustainability office has held events to get input on electric vehicles, our sustainable procurement plan, work on emergency response, tree planting, and more. Input is also gathered during tabling and other public outreach events.	24+ community meetings attended annually (approximately over 120 community meetings attended!)	
E10	Environmental Awareness	Promote virtual meetings and reduce travel, pg. 35	Department of the City Manager, Sustainability Office	✓	During the Covid-19 pandemic, all meetings and conferences were conducted virtually. City employees are currently able to work remotely and conduct virtual meetings where needed.	No data available	

E11	Environmental Awareness	Retrofit City facilities with sustainable features, pg. 35	Department of Public Works, Property Management	✓	<i>See Renewable Energy and Air Pollution Reduction sections.</i>		
E12	Environmental Awareness	Offer free/low-cost energy audits to low-income residents; Provide participants with reports, recommendations, and connection to potential home improvement funding, pg. 35	Department of the City Manager, Sustainability Office	✓	The City of Dayton won funding from the utility to put into the Dayton Home Repair Network. As part of the weatherization and energy efficiency program, residents will get recommendations to how to reduce their energy bill. The Innovation Team is currently working to pilot a home repair program for tenants.	Over \$11 million in funding secured to go to low-income weatherization and energy efficiency program	<a href="#">Dayton nonprofit gets \$1.7M grant to complete home repair, weatherization work across the city</a>
N/A	Additional Projects		Department of Recreation	✓	The Department of Recreation, with support from the Sustainability Office, completed a cost-comparison analysis on electric golf carts for the Community Golf Courses, and is exploring purchasing options.		
N/A	Additional Projects		Department of Recreation	✓	<p>Recreation worked to implement sustainable water practices for their irrigation system on the golf course. This year, all sprinkler heads were converted and the irrigation software was upgraded to reduce overall water usage. In total, there are 725 sprinkler heads, which previously operated at an average of 38 gallons per minute. With the new sprinkler heads and upgraded software, each head can be reduced to 32 gallons per minute, while also minimizing run time.</p> <p>In prior years, average water use during dry summer periods was approximately 378,000 gallons per night, and about 205,000 gallons per night during typical spring and fall conditions. As a result of this year's upgrades, those totals were reduced to approximately 335,000 gallons per night in the summer and 184,000 gallons per night in the spring and fall.</p>		
N/A	Additional Projects		Department of Recreation	✓	The Kettering Fields Sports Complex is currently undergoing upgrades, including LED lighting.	<a href="#">News Flash • Kettering Field Sports Complex: Transformation</a>	
N/A	Additional Projects		Department of Recreation	✓	The Department of Recreation is exploring composting for their recreation centers and Community Golf Course.		
N/A	Additional Projects		Public Affairs	✓	Public Affairs established a website subpage that contains green tips, and progress reports on implementation and enhancements to the Sustainability Plan strategy.	<a href="https://www.daytonohio.gov/860/Sustainability-Office">https://www.daytonohio.gov/860/Sustainability-Office</a>	
N/A	Additional Projects		All Departments	✓	All city departments are incorporating material reuse in updates where applicable, including for office furniture and surplus.		

Item #	Focus Area	Item #	Full Sustainability Plan Bullet Language
G1	Groundwater & Surface Water	G1	Ensure the quality of groundwater by continuing to vigorously implement the source water protection program to guard against pollutant contamination of the City's wellfields from commercial, industrial, residential, and institutional sources.
G2	Groundwater & Surface Water	G2	Continue to protect Dayton's rivers and streams by ensuring all (publicly and privately owned) stormwater facilities are maintained and operated as designed. Effectively ensure this regulatory effort addresses runoff from construction sites, dry weather (non-rain event) flows, fats, oils and grease management, and illegal dumping (spills) that could contaminate stormwater or harm the storm drains and sewers carrying that stormwater.
G3	Groundwater & Surface Water	G3	Move forward with planned and necessary upgrades to the City's water reclamation (sewage treatment) facility to ensure that discharges to the Great Miami River remain in full compliance with all Federal and State standards and requirements.
G4	Groundwater & Surface Water	G4	Minimize the toxic pollutant discharges into the City's sanitary sewers and the storm drain network by increasing the frequency and vigor of inspections of industrial (sewer) users.
G5	Groundwater & Surface Water	G5	Minimize or eliminate nutrients and sediments from discharging into rivers and streams by establishing no mowing zones or vegetated buffers along stream banks within the City. To the extent possible, reduce fertilizer applications on City-owned properties and encouraged similar restraint on private property.
G6	Groundwater & Surface Water	G6	Reduce the volume of stormwater flowing into City storm drains (and ultimately into area waterways) by installing green infrastructure, including street rain gardens throughout the City, particularly in residential neighborhoods. Similarly, promote the use of residential rain gardens and barrels, and other techniques to reduce stormwater volumes; and take other storm water management controls.
G7	Groundwater & Surface Water	G7	Reexamine the number of parking spaces required for new structures and allow for shared parking facilities when reasonable. Where feasible, incorporate pervious pavers, pervious concrete and asphalt into parking surfaces and alleyways.
G8	Groundwater & Surface Water	G8	Reduce additional water loss by replacing or repairing drinking water distribution pipes that are approaching the end of their useful life cycle.
G9	Groundwater & Surface Water	G9	Reduce trash and litter throughout the watershed by periodically sponsoring stream and land cleanup events in neighborhoods. Recruit commercial organizations to participate or sponsor these activities. Establish an adopt-a-stream program where a neighborhood or civic organization voluntarily takes responsibility for keeping a specific stream segment trash-free.
G10	Groundwater & Surface Water	G10	Continue to reduce or eliminate metals, sediments, and other pollutants from rivers and streams by conducting routine sweeping on City streets and parking lots.
G11	Groundwater & Surface Water	G11	Continue to inspect construction sites, storm drain outfalls, business and persons responsible for illegal dumping that may contaminate stormwater.
G12	Groundwater & Surface Water	G12	Protect low lying areas from local flooding by ensuring that storm drain size and condition are capable of conveying floodwaters to river. Develop and redevelop these areas knowing they will likely flood.
G13	Groundwater & Surface Water	G13	As drinking water infrastructure ages, incentivize residents to replace older plumbing fixtures with water and energy saving fixtures, including faucets and water heaters.
A1	Air Pollution Reduction	A1	Dayton expects that, due to State or Federal carbon fees or the imminent natural gas exportation (and likely both), the price of natural gas will rise sharply in the next five years. Therefore, the City will (except for large vehicles used for recycling and refuse collection, fire equipment, dump trucks, etc.) begin to reduce its dependence on fossil fuels, including natural gas whenever possible. Large vehicles currently in the inventory may continue to be fueled by CNG until capable alternatives emerge. When other fleet vehicles come up for replacement, the City should buy or lease electric sedans and light trucks. To accommodate these electric vehicles, suitable numbers of charging stations must also be installed at cityowned facilities, including Water facilities, Public Works facilities, and other facilities, including City Hall, with significant vehicle use.
A2	Air Pollution Reduction	A2	When market conditions favor such a move, the City should commercially sell the methane gas produced as a byproduct of its wastewater treatment at the Guthrie Reclamation Plant and at the City-owned landfill, rather than the current practice of flaring it, or when cost effective, reusing the gas (as heating or vehicle fuel at the facility).
A3	Air Pollution Reduction	A3	Dayton will reactivate the electric aggregation program for residents and businesses and include a renewable energy rate in the program.
A4	Air Pollution Reduction	A4	City Hall has a green roof. To reduce energy demands for heating and cooling of City buildings, as other roofs need to be replaced, the city should install solar panels, green, or white (reflective) roofs (or all of them as space allows).
A5	Air Pollution Reduction	A5	Similarly, as infrastructure ages, replace existing HVAC units with more efficient energy star or similar technology. Avoid installing new natural gas units if equivalent electric units are available. If feasible, phase out natural gas HVAC systems by 2035.
A6	Air Pollution Reduction	A6	Install sensors on bay doors that turn off the HVAC systems while the doors are open to save energy. Similarly, install awnings over east, west, and south-facing windows to minimize solar heating in the summer. Collect stormwater and use it for non-potable purposes, such as cleaning the fire apparatus. Finally, install solar water heaters to replace current natural gas heaters.
A7	Air Pollution Reduction	A7	Maximize the City eligibility for rebates and discounts offered by the City's electrical provider. By the end of 2020, reduce electrical consumption by completing the conversion of 2,000 City-owned, sodium streetlights to LED technology. This ongoing effort is projected to have a 4-year payback.
A8	Air Pollution Reduction	A8	In order to reduce electrical consumption and lower costs, complete the effort already underway to convert all airport terminal and taxiway lighting to LED technology.
A9	Air Pollution Reduction	A9	Continue to purchase energy star (or equivalent) rated computer technology, including personal computers, laptops, tablets, monitors, printers, copiers, blade servers and other office equipment. Investigate cloud storage as another alternative.
A10	Air Pollution Reduction	A10	The City Commission should adopt a ban on natural gas fracking activity inside the Dayton City limits.
A11	Air Pollution Reduction	A11	Assess the vehicle mileage and usage of the City's fleet and look for opportunities to move to more fuel-efficient vehicles, including all-electric vehicles. Also conduct a study to determine whether the shared motor pool model is superior in economic and environmental costs to assigning vehicles to specific individuals or programs.

A12	Air Pollution Reduction	A12	Facilitate the use of plug-in electric vehicles by residents and businesses by installing more electric vehicle charging stations at public areas where people congregate. For example, charging stations should be located near public libraries, museums, Day-Air Ballpark (Dragon's Stadium), Carillon Park, Levitt Pavilion, Riverscape Park, other historic properties and City-owned or leased buildings and parking facilities. Existing streetlight poles can be retrofitted, and pop-up or stationary sidewalk chargers can be installed.
A13	Air Pollution Reduction	A13	If feasible, offer City of Dayton employees who purchase electric or hybrid vehicles an annual reimbursement in an amount that offsets the increased registration fees the State of Ohio has imposed on electric and hybrid vehicles.
A14	Air Pollution Reduction	A14	The City will also approach Sinclair College, the Downtown Dayton Partnership, and the Chamber of Commerce to encourage private sector hotels, shopping centers, office buildings, movie theaters, grocery stores, and restaurants to follow suit at commercial parking areas. Finally, the City should maintain and periodically update a prioritized list of desired charging station locations in the event appropriate funding becomes available on short notice.
A15	Air Pollution Reduction	A15	The City should allow free or discounted access to use these chargers for at least the first few years of their operation. Similarly, the Parking Code should be modified to mandate charging units as a component of all new private sector parking facilities (similar to handicap accessible spaces currently required). Amend the City Building Code to streamline the permitting and approval processes for the installation of electric vehicle charging equipment at private residential properties.
A16	Air Pollution Reduction	A16	If feasible, modify downtown parking meters that are already equipped with a credit card reader to provide a discount to electric vehicles and electric/gasoline hybrid vehicles.
A17	Air Pollution Reduction	A17	Continue to measure and track energy usage at each City facility to investigate ways we can reduce our demand. Report on significant increases or decreases (and supporting reasons) of these consumptive habits over time. After an appropriate period of time to gather data, set long-term goals for energy use reduction and report on our progress towards meeting them annually to the City Commission.
A18	Air Pollution Reduction	A18	Several years ago, Dayton established a tree canopy goal of 50%. To achieve this goal, the City must provide native trees for residents (for free or a nominal price) to plant in their yards, on City right-of-ways, vacant lots, low income neighborhoods, or in highly urbanized areas. Challenge City Commissioners and Department Heads to lead this effort by organizing tree planning in their own neighborhoods.
R1	Renewable Energy	R1	Join the Ready for 100 (percent renewable energy); and the "Mayors for 100% Clean Energy" national initiatives sponsored by the Sierra Club.
R2	Renewable Energy	R2	Purchase renewable energy certificates (RECs) (which offsets the fossil-fuel generated electrical power currently consumed by the City's general-funded activities). Pursue solar, wind, or other renewable power for operations at the City's airport, water treatment, and wastewater plants. Explore ways to move forward with carbon neutrality.
R3	Renewable Energy	R3	Amend the City Building Code to streamline the permitting and approval processes for the installation of solar panels on residential, multi-family dwellings and commercial rooftops.
R4	Renewable Energy	R4	Similarly, determine whether existing roofs of City structures are candidates for behind-the-meter solar panels and install these as opportunities and funding present themselves. Further, as they come up for replacement, reinforce the roofs of City facilities as needed to support solar panels. Alternatively, ensure current or future roofs are constructed as either green, or white reflective surfaces (or both). Consider installing solar canopies over surface lot parking areas. Install ground mounted solar panels to partially offset City electrical consumption at smaller facilities.
R5	Renewable Energy	R5	In 2011, Dayton conducted a comprehensive energy audit of City operations and buildings. Given the advances in energy technology and cost since then, the City should undertake a new evaluation of current buildings and structures to identify new opportunities for energy conservation and the resulting savings that can be realized.
R6	Renewable Energy	R6	Recently, Dayton closed two municipally-owned golf courses. The City owns this land outright and is currently exploring appropriate future uses for these parcels. Since each is adjacent to a Dayton water plant that consumes a significant quantity of electricity to power their operations, Dayton will explore installing solar panels (through a PPA, or by other methods) on one or both of these parcels and direct the resulting power to City facilities.
R7	Renewable Energy	R7	Identify smaller power-generating opportunities for solar, geothermal and wind. Partner with willing developers or landowners to identify sites and potential cost share arrangements. Try to partner with low-income communities on this initiative.
R8	Renewable Energy	R8	Encourage and facilitate existing building owners, including the City, to take advantage of Property Assessed Clean Energy (PACE) funding (e.g., 15-20 year low interest loans) to retrofit their structures with green features. In addition, claim applicable electrical rebates to help pay off these loans.
C1	Climate Change Adaptation	C1	The City Commission should adopt a resolution declaring a climate emergency in Dayton.
C2	Climate Change Adaptation	C2	Align the zoning code, building code, and other parts of the City Code to be consistent with this strategy. Incorporate sustainability considerations into Code rewrites. Ensure that, at minimum, these code modifications remove and do not create obstacles or barriers to recycling, electric car charging, and the use of other alternative energy technologies such as solar and geothermal equipment.
C3	Climate Change Adaptation	C3	Consider requiring all new residential and commercial buildings be built with green features, including upgraded insulation, efficient appliances, and alternative energy technology (e.g., solar, geothermal, etc.). Further, building requirements should satisfy the requirements for, but not compel building owners to obtain certification from third party organizations such as Energy Star, Leadership in Energy and Environmental Design (LEED) or similar organizations.
C4	Climate Change Adaptation	C4	Protect low lying areas from local flooding by ensuring that storm drains are maintained so as to continue to convey design-level stormwater volumes to the river (e.g., maintain their size and condition). Develop low areas knowing they will likely flood from time-to-time (e.g., require structures on stilts, or restrict development in such areas, etc.).
C5	Climate Change Adaptation	C5	Install battery backup technology at significant intersections, and place generators in areas with emergency equipment to ensure their continued performance in the event of a significant power outage.

C6	Climate Change Adaptation	C6	Ensure emergency equipment and generators are periodically tested (exercised) and fueled prior to the onset of predicted severe storms. Identify a method to refuel these emergency facilities and equipment in the event routine transportation routes are blocked or obstructed for a prolonged period of time.
C7	Climate Change Adaptation	C7	Purchase and maintain equipment needed for performing water rescues and medical emergencies, and for providing cooling centers, temporary drinking water and wastewater service, and for traversing post-storm debris fields and flood zones. Further, consider acquiring portable solar arrays which can be made available to deploy at shelters in neighborhoods expected to be without power for a prolonged period of time.
C8	Climate Change Adaptation	C8	Investigate changing the current practice of sending a fire engine or ladder truck in support of a medical unit to smaller more efficient and nimble units. As light vehicles (e.g., administrative, support, staff, investigator, and inspector vehicles) are replaced, do so with electric or hybrid vehicles.
C9	Climate Change Adaptation	C9	Continue partnerships and coordination with the American Red Cross, Verizon, and the Dayton Department of Recreation and Youth Services to provide cooling stations, water and shelters during emergencies.
C10	Climate Change Adaptation	C10	Continue Dayton's participation with the Climate Mayors organization and the National League of Cities.
C11	Climate Change Adaptation	C11	Initiate volunteer neighborhood programs to check on vulnerable populations. These volunteers will check on the well-being of vulnerable populations that sign up for a check-in following a bout of severe weather (i.e., high heat or flood conditions). Investigate technologies that could aid in this task.
W1	Waste Management	W1	Help ensure there is a vibrant and growing market for recycled materials by encouraging businesses (and the City itself) to buy products made with recycled content. Avoid purchasing "virgin" materials with little or no recycling content. For example, the City should begin purchasing copy paper with at least 25% post-consumer recycled content.
W2	Waste Management	W2	The residential recycling percentage in Dayton is currently only 8% (i.e., 92% of the collected waste stream is disposed as trash [landfilled] rather than reused or recycled). The City should work to increase the percentage of reused and recycled materials. One method for accomplishing this is to ensure each household customer has a dedicated recycling cart and that recycling is collected weekly.
W3	Waste Management	W3	Assuming curbside is retained, a further improvement would be to ensure that there is as little contamination in the recycling stream as possible. This "recycle right" initiative will seek to eliminate plastic bags from recycling materials, and ensure that residents know which items are recycled and which are disposed as refuse.
W4	Waste Management	W4	If the City continues curbside recycling, the City Solid Waste Management Code should be amended to prohibit persons from discarding recyclable materials as refuse. The City should conduct a periodic audit of its recycling content and determine those items that do not belong there. An outreach and education campaign will then be initiated to target the elimination of these refuse items from residential recycling carts. The City should also consider establishing a mandatory recycling rate for nonresidential (commercial) entities in the City.
W5	Waste Management	W5	In order to keep the refuse disposal rate paid to the County as low as possible, the City should eliminate certain, one-time, persistent, or impossible-to-recycle, solid waste materials (e.g., Styrofoam) from the refuse waste stream.
W6	Waste Management	W6	Approximately 30% of the residential waste stream is comprised of organic materials that are easily composted. Encourage residents to engage in backyard composting or contract with local, private composting businesses. If a local or regional composting facility or digester is available, consider starting a voluntary City-sponsored food and green waste collection effort thereby removing these materials from the refuse stream. Note: The United States Department of Agriculture (USDA) has funding for compost and digestion facilities if the property to be used for this purpose is zoned agricultural. Montgomery County may be interested in partnering on such a project.
W7	Waste Management	W7	If State law allows, consider establishing a plastic bag fee (e.g., 5 cents) as a disincentive for shoppers to take these bags from commercial retail stores. Momentum for this type of effort has already begun; Kroger has already announced its intent to phase out the use of these bags. The ordinance should exempt restaurant to go bags from this fee. As an incentive to businesses, allow them to retain 2-3 cents for collecting, tracking, and reporting the fees to the City. Retail businesses that continue to offer plastic bags should also be required to accept them as returns from the public. However, if prudent, consider waiting until the end of the current pandemic emergency to enact these changes.
W8	Waste Management	W8	Ensure City employees can recycle at all City-owned buildings and facilities. Similarly, provide recycling containers and collection and at all City sponsored festivals, celebrations and other community events, including the annual City Health and Safety Fair. Loan recycling carts to neighborhood associations as needed for local gatherings.
L1	Land Use and Community Garden	L1	Amend the zoning code to support smart land use strategies that prioritize high density development, redevelopment, infill, street connectivity, transit accessibility and walkability.
L2	Land Use and Community Garden	L2	Update Urban Design Guidelines to support connected green space and minimize fragmentation.
L3	Land Use and Community Garden	L3	Support neighborhood mixed-use development and redevelopment.
L4	Land Use and Community Garden	L4	Amend the zoning code to encourage backyard habitat and native-plant landscaping, and reduction of invasive species.
L5	Land Use and Community Garden	L5	In areas that are underserved by City parks, initiate a pocket park program. Develop program guidelines and identify neighbors that will benefit from these pocket parks.
L6	Land Use and Community Garden	L6	Promote no-mowing areas, soil development and community gardens, particularly on vacant parcels. Community gardens should also include orchards, and tree nurseries. Vacant parcels could also serve as staging areas for farmers markets and truck farm outlets. The City can partner with local colleges and universities to have vacant lots serve as a living laboratory to study prairie and other functioning ecosystem development.
L7	Land Use and Community Garden	L7	Ensure that the zoning and building codes do not contain any unreasonable obstacles to the use of alternative energy on residential and commercial properties. Analyze properties to identify the best candidates for solar panels. Publish a solar map as hard copy and online.

L8	Land Use and Community Garden	L8	Encourage new residential and commercial development to locate their structures on infill sites in the City. Similarly, encourage renovation of existing buildings rather than demolishing and constructing entirely new structures. Promote the redevelopment of brownfield sites across the City.
L9	Land Use and Community Garden	L9	Reduce food insecurity by recognizing and supporting urban agriculture initiatives and land use. Partner with organizations that encourage urban agriculture while working with at-risk community members.
L10	Land Use and Community Garden	L10	Continue to promote and facilitate the expansion of the Dayton tree canopy by providing trees for residents until a 50% canopy goal is reached.
L11	Land Use and Community Garden	L11	For the past 28 years, Dayton has been recognized by the Arbor Day Foundation as a Tree City USA community. The City must provide native trees for residents (for free or at a nominal price) to plant in their yards, on City right-of-ways, vacant lots, low income neighborhoods, or in highly urbanized areas.
L12	Land Use and Community Garden	L12	Currently, there are over 30 community gardens in Dayton. The City should identify City parks and vacant City-owned and designate them for use as community gardens. Adopt a Community Garden Master Plan specifying requirements for individuals or organizations that take responsibility for operating these community gardens and clarify what if any services they can expect from the City.
	Land Use and Community Garden	L13	Support community gardens (with services such as water, seed, fertilizers, compost, refuse, etc.) when residents come forward and agree to manage a community garden. Where possible, negotiate access for additional garden plots on privately-owned parcels.
T1	Transportation	T1	Continue to identify City streets that have unacceptably broken pavement and place them on a prioritized schedule to resurface.
T2	Transportation	T2	Begin planning streetscapes for the orderly transition from internal-combustion vehicles to electric vehicles and related charging equipment. Consider plans for the disposition of obsolete gas stations, storage or scrapping of gasoline vehicles, and focus particularly on the effect that these actions will have on low-income residents.
T3	Transportation	T3	Continue to implement the "complete streets" approach adopted into the 2040 Transportation Plan. Design and repave priority streets, sidewalks, bikeways and pedestrian safety features in the City's transportation network. Increase the overall miles of sidewalks, and bike lanes, preferably by connecting existing sidewalk and bicycle trails. Ensure transportation system plans contemplate and accommodate driverless vehicles, buses, scooters, bicycles, Segways, shared micromobility, and ride sharing programs like Uber and Lyft.
T4	Transportation	T4	Continue to update and implement the 2025 Bicycle Action Plan adopted in 2011. Ensure that Dayton continues to be designated as a bronze or better level Bicycle Friendly City. Strive to become Ohio's first silver level Bicycle Friendly City.
T5	Transportation	T5	Develop wayfinding signage, and publish routine pocket updates (e.g., every 5 years) of designated walkways and bicycle routes throughout the City. Distribute hard copies of these maps through City Hall, operational facilities, recreation centers, police and fire stations, and private bike shops, etc. Publish bicycle and pedestrian maps on line. Periodically update them to reflect changing amenities, conditions, and routes. Partner with organizations such as the Miami Valley Regional Planning Commission and Bike Miami Valley to accomplish these tasks.
T6	Transportation	T6	Ensure that there are bike racks installed throughout the downtown area and other points of interest, including libraries, museums, parks, and other places where people congregate. Consider holding a contest among public schools to identify designs to incorporate into unique Dayton signature bike racks. Continue requiring new developments to install bike racks on their properties. Encourage short and long-term bicycle parking options, including workplace showers.
T7	Transportation	T7	Encourage businesses to invest in enhancing transit stops.
T8	Transportation	T8	Design and install sidewalk segments and bike lanes needed to connect neighborhoods to main pedestrian or bicycle routes. For safety (and to encourage use) construct bike lanes separate from roadways when possible. Identify areas that are void of parks and plan bikeways to help connect residents to parks.
T9	Transportation	T9	Develop a plan to maintain and regularly sweep bicycle lanes to encourage use.
F1	Financial	F1	Adopt a sustainability purchasing policy that ratifies the Guiding Principles list above (page 10) and adopts a sustainable approach to procurement that prioritizes total or life cycle costs of purchasing goods.
F2	Financial	F2	Turn off lighting in all City offices or conference rooms when they are vacated or otherwise not in use. Where possible, install motion sensors in City offices, rest rooms, and conference rooms thereby ensuring that lights are off when these spaces are not in use.
F3	Financial	F3	Reduce the amount and storage needed for hard copy documents by purchasing cloud storage capacity, more scanners, laptops and tablets, particularly for City field personnel. Note: The City has already purchased flat screen computer monitors to replace traditional monitors. The flat screens consume 1/3 less electricity than other models.
F4	Financial	F4	Install smart (radio frequency read) drinking water meters to ensure accurate data and maximum enterprise revenue to the Water Department. More accurate water fees are likely to also lead to more effective implementation of water conservation measures.
F5	Financial	F5	Continue to explore and apply for Federal, State, Local, and Private grant funding to offset the City's investment in sustainability projects.
F6	Financial	F6	Continue to implement the City's wellness program and look for opportunities to reasonably expand the program.
F7	Financial	F7	Partner with other City departments on capital improvement debt issuance for qualifying green projects.
F8	Financial	F8	Investigate the feasibility of reusing the waste heat generated at swimming pools at the three City recreation centers.
	Financial	F9	Establish reasonable paper reduction and digitization goals for the City to reduce our reliance on paper documentation and facilitate further on-line submissions, customer billing and payments.
	Financial	F10	Consider adding a sustainability funding program to aid departments in kickstarting sustainability projects.

E1	Environmental Awareness	E1	Work with neighborhood associations, the Public Affairs office, Dayton Public Schools and other civic organizations to develop tips and cost effective techniques for residents to conserve resources, including electricity and drinking water, as well as "right" recycling, backyard composting, grass-cycling, stormwater management, and other areas that are likely to save residents' money and lead to a more sustainable lifestyle. Promote these tips on City social media, newsletters, TV programming, [You-Tube, and Cable Channel 6 (CDTN)] and the City website.
E2	Environmental Awareness	E2	Expand the mission of the Environmental Advisory Board (EAB) to serve as a clearinghouse and sounding board for potential sustainability actions and for identifying sustainable partnerships with external (third party) partners. Consider establishing Board Subcommittees on environmental justice and/or food equity.
E3	Environmental Awareness	E3	Reinvigorate the City's internal "Green Team" to provide an employee and inter department perspective on proposed sustainability enhancements, effective education techniques, and methods to measure performance and accomplishments.
E4	Environmental Awareness	E4	Establish an internal process (e.g., suggestion box) that employees can use to convey thoughts on ways for Dayton to save energy, water, waste-disposal costs, and further improve the purchases of goods and services. Consider establishing a reward for employees offering suggestions that are subsequently implemented.
E5	Environmental Awareness	E5	Explore the establishment of an Energy and Sustainability Theme Park in Dayton. Determine the feasibility of such a park, including the need for and members of a steering committee, alternative site locations, potential funders, proposed exhibits, virtual attractions, interactive experiences, and promotion.
E6	Environmental Awareness	E6	Establish an Excellence in Sustainability Award for residents and businesses and request the Environmental Advisory Board (EAB) to collect nominations, investigate, vet, and select deserving award nominees. Present these awards at a regularly scheduled evening Commission meeting.
E7	Environmental Awareness	E7	Adopt an internal sustainable operations personnel policy and inform all employees (e.g., during new employee orientation and the employee newsletters) of energy and water conservation expectations for City workplaces. For example, staff should use pitchers of tap water rather than buying bottled water for meetings, and use personal coffee or water containers rather than one-time Styrofoam cups. If single-use cups, plates and utensils are necessary, purchase those that are compostable.
E8	Environmental Awareness	E8	Design and present a children's outreach program that teaches about gardening and eating well, composting, and recycling right.
E9	Environmental Awareness	E9	Periodically discuss planned sustainability improvements in resident and business forums and solicit feedback and additional ideas.
E10	Environmental Awareness	E10	Expand the capability of City employees to conduct zoom meetings and conferences within their work area.
E11	Environmental Awareness	E11	Continue to retrofit buildings with LED light fixtures, and motion-activated light switches; air hand dryers and reduced flow fixtures in the kitchens and bathrooms; increase recycling efforts and implement an idling policy for apparatus and vehicles.
E12	Environmental Awareness	E12	Consider offering low or no-cost energy audits to low income residents. Audits can be performed by a City contractor, and the actual home improvements can be made as funds become available. A report of findings and recommendations should be provided to each resident that participates in the program.
E13	Environmental Awareness	E13	Share Dayton's expertise and experience in becoming more sustainable with other local governments, and nonprofit organizations in the region and State. Participate with the University of Dayton's Resiliency Assessment and Plan.