

10 STEP Implementation Plan

Sustainable Environmental and Financial Responsibility

For nearly two decades, the city has been doing its part to build sustainable practices. Today, the city is focused on actions that are environmentally and financially responsible. Based on a culture of continuous improvement and a philosophical desire to leave it better than we found it, the city has been quietly leading by example.

Guiding principles

- Evaluate all practices for life-cycle cost benefits to the community, economy, and environment.
- Prioritize high value to citizens and the environment by completing current investments in sustainable infrastructure, including implementing the Integrated Clean Water Plan (ICWP).
- Wherever possible, treat multiple issues with an integrated solution.

Progress Measure

- – No progress
- – Little Progress
- – Some Progress
- – Good Progress
- – Completion

	Action	Progress
1	Sustainable, Integrated, Resilient Infrastructure Build and effectively manage innovative infrastructure that promotes clean water, integrated streets, and emphasizes green infrastructure and low-impact development for stormwater. Leverage multiple benefits and partnerships through the ICWP, Urbanova, Smart Cities, University District, and Public Development Authorities.	Progress Measure ●●●●○ Discussion The “cleaner river faster” initiative is removing tens of millions of gallons of combined wastewater from the river for \$150 million less than originally anticipated. Function of partially completed tanks has been proven during flood conditions in 2016 and 2017. Green bonds, believed to be among the first sold by a municipality, have helped fund the improvements. The West Plains PDA was recently added to our portfolio.
2	Wise Land Stewardship Continue to aggressively carry out infill development strategies through the Comprehensive Plan and joint Mayor-Council Strategic Plan, and by optimizing public land assets to drive green economic development. Infill development policies yield the highest impact to environmental challenges posed by climate change, including increasing energy security and reducing greenhouse gas emissions through efficient transportation, maintaining open space, integrated stormwater management, and carbon sequestration. ¹	Progress Measure ●●●○○ Discussion Innovative approaches have put \$250 million of underutilized public land, assets and right of way to work to drive economic growth, jobs and income, while developing a net-zero energy business plan. Comprehensive Plan update is on schedule, Brownfield Redevelopment Program has demonstrated success in securing grants, and citizens and businesses are embracing Smart Growth principles.
3	Clean Air Maximize our waste-to-energy infrastructure asset. Methane from landfilled trash is 25 times more potent than the carbon dioxide released from the city’s Waste to Energy Plant. When viewed through a life cycle analysis and combined with aggressive diversion through recycling, composting and increasingly efficient operations, our plant remains the best strategy for our region well into the future. ² Research ways to optimize use of city waste streams including ash and biosolids. Continue GHG inventories to track progress.	Progress Measure ●●●●○ Discussion The city has a track record of leveraging hydro and solid waste power generation assets and capacity in an innovative and integrated manner to grow jobs and income. Recycling goals are on track, GHG reporting is on schedule, air quality emission standards are being met, new studies to optimize waste stream utilization are under way, and plant efficiency continues to increase.
4	Save Water Conserve everywhere to preserve water for fish, animals and people. Continue to set, monitor and achieve measurable improvements in water conservation in the residential, business and industrial sectors, including reducing system losses.	Progress Measure ●●●○○ Discussion The city water resource business and marketing plan emphasizes conservation and stewardship. System losses dropped from 19.94% in 2012 to 11.68% in 2016 and are rapidly approaching state goal of 10%. Slow the Flow conservation campaign received two state and regional awards this year. Indoor conservation goals are on track, but metering issues and behavior patterns continue to challenge outdoor goals.
5	Right-Sized Transportation Realize greater commute trip reduction gains at City properties, support STA and alternate modes of transportation through planning and infrastructure.	Progress Measure ●●●○○ Discussion Relocating the city’s fleet service center to centralize and consolidate operations reduced city vehicle trips and increased operational efficiency. Lack of state funding resulted in flat trip reduction numbers. STA projects are robust, but waiting on uncertain federal funding. Central City Line, Monroe, East Sprague infrastructure projects implement integrated approach.

1 U.S. Environmental Protection Agency, Smart Growth policies
 2 Joe Fargione, Nature Conservancy’s lead scientist for North America
 Shaded rows indicate projected completion within 24 months.

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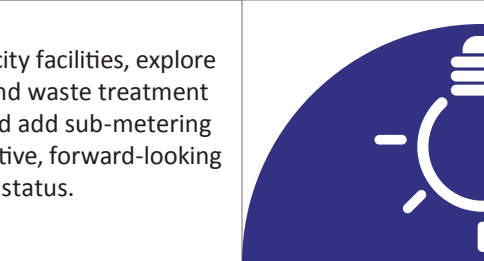



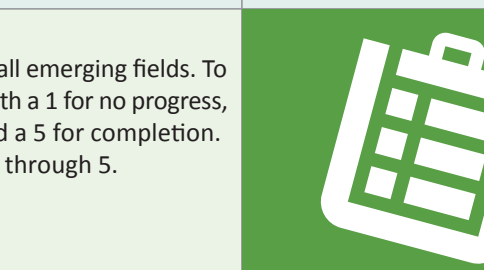
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With this implementation plan, the City is seeking to promote concepts that protect our environment and natural resources but also provide the City and its citizens with financial and other benefits. This is about achieving multiple benefits for citizens with the same dollars and leveraging assets to fulfill needs and create opportunities for economic growth and other priorities. Increasingly, businesses and individuals want to invest in areas that have similar values around these sustainable themes. The City's elected leaders have recognized this concept as a central theme of a new strategic plan that is being developed.

Progress Measure

- – No progress
- – Little Progress
- – Some Progress
- – Good Progress
- – Completion



	Action		Progress
6	Solid Waste, Zero Waste Continue education, outreach and management to achieve zero landfilled waste, and market this asset to recruit environmentally responsible businesses.		Progress Measure ●●●●○ Discussion The city is developing a net-zero landfill plan. Continued increase in recycling, composting and adoption of green waste containers. Explore re-use of ash.
7	Create Energy Security Evaluate and install distributed small-scale power technologies in city facilities, explore renewable options such as solar and biogas for water pumping and waste treatment close to each facility. Continue to monitor for net-zero energy and add sub-metering where needed to improve resource management. Partner for creative, forward-looking ways to manage the city's energy generating ability and net-zero status.		Progress Measure ●●●○○ Discussion Maximizing hydro power generation, converting the city's garbage fleet to CNG and replacing traffic signal lights citywide with LED bulbs are among the proactive steps that have helped the city become net energy positive in 2015 and 2016. Feasibility studies under way, and grant applications in.
8	 Improve Environmentally Friendly Purchasing Policies Continue to improve existing policies and work with the state to leverage its practices.	Progress Measure ●●●●○ Discussion City policy requires existing vehicles to be replaced by more energy efficient vehicles. City is reviewing and updating existing policies to strengthen and incorporate state developments. City departments are achieving goals currently.	
9	Collaborative Governance Invite public, community and business partners to work alongside us as we continue to aggressively implement the Sustainability Action Plan and finalize the joint Mayor-Council Strategic Plan.		Progress Measure ●●○○○ Discussion Successful regional partnership includes shipment of solid waste by other agencies to the city's Waste to Energy facility, which produces renewable energy. Initial efforts to develop citizen-led climate collaborative have begun, and coordination across departments for education and outreach events has improved.
10	Continuous Improvement Monitor and critically evaluate to incorporate best practices from all emerging fields. To measure success, the city will use a five-point annual report card, with a 1 for no progress, 2 for little progress, 3 for some progress, 4 for good progress, and a 5 for completion. A narrative description of progress will accompany each rating, 1 through 5.		The Mayor's Task Force on Sustainability produced the first Sustainability Action Plan in 2009. The city has since sought evaluation and analysis of its environmental practices from outside agencies.

Shaded row indicate projected completion within 24 months.