

**2021 Category A City: LAKEVILLE, MN**

Currently a Step 2 GreenStep City  
(joined November 2017)

Which assessment? Preliminary: for city review  Final: May 1<sup>st</sup> recommendation to LMC

Assessor and date: Kristin Mroz, 7/20/20

Total BPs implemented:  All required\* BPs done?  BP distribution requirements\* met?

Recommend June 2021 public recognition at: Step 3

Best practices ( <b>required in bold</b> )		BP implemented?	Action summary by # and star level achieved
Action rules (req. actions in <b>bold</b> )			
<b>BUILDINGS: distribution requirement is 2 BPs; are 2 BPs done?</b>			<b>YES</b>
<b>1. Public</b> Actions 1 & 2; & one action from actions 3-7	<b>YES</b>	1.1 @ 3 STARS – data since 2010; trends for each building are reviewed periodically to gauge energy performance and look for ways to improve efficiency 1.2 @ 3 STARS -- 2018 updates to building automation software in 12 buildings; 4x/yr. filter changes; occupancy sensors in garage; high-efficiency condensing boiler; LED lighting retrofits when tubes need replacement 1.3 @ 3 STARS -- lighting upgrades, HVAC improvements, and building envelope improvements, potential savings total over \$161,000	
2. Private any two actions	<b>YES</b>	2.1 @ 3 STARS – 2018 City began irrigation audits, at 2 home-owners' associations to review system components (controllers, sprinkler heads, rain sensing technology), scheduling practices, and uniformity of water application 2.5 @ 1 STAR -- 2007 water use ordinance restricts watering between 11:00 – 5:00 daily	
3. New action 1 or 2; one from 3-5			
<b>4. Lighting/Signals</b> 2 actions with one from 5-8	<b>YES</b>	4.1 @ 3 STARS -- ordinance requires that new street lights, public & private building exterior lights, and parking lot lights for City-owned AND private buildings/facilities be dark sky-compliant 4.5 @ 2 STARS -- solar-powered LEDs – permanent and movable - used in driver feedback sign displays, at school zone and park pedestrian crossings & as needed for traffic calming/safety 4.6 @ 3 STARS -- 3 parking lots at City facilities relamped with Dark Sky-compliant LED lighting; all replacements for wall packs & bollard lighting are the same; 2019+ city plan to relamp exterior lighting of all city facilities	
5. Reuse any one action			
<b>LAND USE: 2 BPs required; are 2 BPs done?</b>			<b>YES</b>
<b>6. Comp Plan</b> Actions 1 & 2	<b>YES</b>	6.1 @ 3 STARS -- 20-yr. Comp Plan and 2020-2024 CIP addresses the importance of sustainability as an underlying theme for all elements in the plan, addresses infill growth, concurrency & phased expansion 6.2 @ 3 STARS – over 40 references to the Comprehensive Plan exist in the zoning code and related documents	
7. Density			

any one action			
8. Mixed Uses any two actions			
9. Highway Development any one action			
10. Conservation Development any one action	<b>YES</b>	10.6 @ 2 STARS -- zoning ordinances identify specific development requirements for shoreland overlay districts, public and open space districts, flood plain overlay districts; <6" tree preservation	
<b>TRANSPORTATION: 2 BPs required;      are 2 BPs done?</b>			<b>YES</b>
<b>11. Complete Green Streets 1; &amp; two additional actions</b>	<b>YES</b>	11.1 @ 3 STARS – Sustainable Infrastructure Policy adopted July 2020 guides multi-modal transportation projects and reduces environmental impacts. 11.5 @ 3 STARS -- over the last decade, Lakeville has incorporated off-street trails, sidewalks, and bikeways into major roadway improvements throughout the City, creating key linkages 11.6 @ 3 STARS – 2 projects utilizing bump outs & a dynamic speed display; 2 4-3 lane conversions; 4 roundabouts. Traffic calming measures and locations for roundabouts are routinely considered in developing the annual transportation capital improvement plan	
<b>12. Mobility Options any two actions</b>	<b>YES</b>	12.2 @ 2 STARS – in-depth SRTS planning/implementation with 12 schools (bike racks, warning signs/flashers, trail/sidewalk connections); ongoing SRTS committee 12.3 @ 1 STAR – scheduled and by-request circulator bus service to Lakeville seniors	
13. Fleets any two actions			
14. TOD / TDM any two actions			
<b>ENVIRONMENTAL MANAGEMENT: 4 BPs required;      are 4 done?</b>			<b>YES</b>
<b>15. Purchasing 1; and one additional action</b>	<b>YES</b>	15.1 @ 2 STARS – City Council adopted policy July 2020 that covers waste reduction, recycled content products, energy and water savings, cleaning products, and construction and renovation guidelines. 15.5 @ 2 STARS – road projects include recycled concrete up to 40/50% by volume in the base/wear course, old asphalt in base course	
<b>16. Trees any two actions</b>	<b>YES</b>	16.1 @ 1 STAR -- Tree City for 25 years in 2019 16.5 @ 3 STARS -- owners/developers prepare a tree preservation plan for each graded lot; security deposit; tree loss replaced at 2-1	
<b>17. Stormwater any one action</b>	<b>YES</b>	17.5 @ 1 STAR – City design standards for rain gardens / infiltration practices; 2 design workshops/yr. with Dakota Co. SWCD	
18. Parks & Trails any three actions			
19. Surface Water if state public water: 4; and one additional action if <u>no</u> state water: any one action	<b>YES</b>	19.3 @ 2 STARS -- extensive lake, wetland professional/ volunteer monitoring and ext. annual report thereon 19.4 @ 3 STARS -- shoreland overlay district, CUPs required; for PUDs 50%+ in open space, 50-70% of shore impact zone left in natural state; generally 75%+ pervious required	

20. Water / Wastewater 1 & 2; and one additional	<b>YES</b>	20.1 @ 3 STARS – 7% energy use reduction at water plant, per 1000 gallons, 2008-2016; VF drives save on demand charges; in peak shaving program 20.2 @ 3 STARS -- thorough monitoring and planning for routine rehabbing of water production wells 20.3 @ 2 STARS -- I&I program includes selective placement of flow meters to target televising/lining; maintenance hole sealing; staff contact with property owners about disconnects
21. Septics any one action	<b>YES</b>	21.4 @ 2 STARS -- City adopted, with amendments, the Dakota County subsurface sewage treatment ordinance
22. Solid Waste 1 or 2; & one from 4-8		
23. Local Air Quality any two actions		
		<b>ECON &amp; COMM DVLP: 3 BPs required; are 3 done?</b>
<b>YES</b>		
<b>24. Benchmarks &amp; Involvement Actions 1 &amp; 2</b>	<b>YES</b>	24.1 @ 3 STARS -- Parks, Recreation & Natural Resources Committee coordinates/leads efforts to engage the community, partnering with the Lakeville Friends of the Environment 24.2 @ 3 STARS -- Envision Lakeville dashboard gives community members a quick look at the annually updated status of plan goals in five broad categories developed through broad public input
<b>25. Green Businesses any two actions</b>	<b>YES</b>	25.6 @ 1 STAR – promote green businesses in partnership with Dakota County in monthly Thrive Newsletter. 25.7 @ 1 STAR – Promote Farmers Market and created a website to connect residents to local restaurants during the COVID pandemic.
26. Renewable Energy any two actions		
27. Local Food any one action		
28. Business Synergies action 2, 3 or 4		
<b>29. Climate Adaptation action 1</b> (includes targeted emergency communications in appropriate languages for vulnerable populations)	<b>YES</b>	29.1 @ 3 STARS – Emergency Operations Plan reviewed by county and identifies shelters, provisions, and backup power for one week or longer.

## LAKEVILLE

- ✓ **Dark Sky-compliant lights required** for City-owned and private parking lots, new street lights, and private and public building exterior lights
- ✓ **Extensive lake, wetland monitoring**, and annual reporting, by professionals & volunteers
- ✓ **Shoreland overlay district**, CUPs required; for PUDs 50%+ in open space, 50-70% of shore impact zone left in natural state; generally 75%+ pervious required
- ✓ **7% energy use reduction at water plant, per 1000 gallons, 2008-2016**
- ✓ **2018 City irrigation audits** at 2 home-owners' associations to review system components (controllers, sprinkler heads, rain sensing technology), scheduling practices, and uniformity of water application
- ✓ **No watering between 11 – 5 daily** by 2007 water use ordinance
- ✓ **\$161,000 potential yearly savings** from lighting upgrades, HVAC improvements, City building envelope improvements

- ✓ **Traffic calming measures** and locations for roundabouts are routinely considered in developing the annual transportation capital improvement plan
- ✓ **Ongoing Safe Routes to School** committee of city and school staff
- ✓ **City Parks Commission and Lakeville Friends of the Environment** coordinate and lead efforts to engage the community
- ✓ **Envision Lakeville dashboard** gives community members a quick look at the annually updated status of plan goals in five broad categories developed through broad public input
- ✓ [www.LakevilleRestaurants.com](http://www.LakevilleRestaurants.com) connected residents with local restaurants that were open during the COVID pandemic.