**2020 Category A City: ELK RIVER**

Currently a Step Five GreenStep City as of June 2019

- joined October 2011 -

***Assessor and date****: Philipp Muessig, 3/12/20*

**21**

***Total BPs implemented:***

|  |
| --- |
| Best practices (**required**) BP implemented? Action summary by # and star level achieved Action rules (req. in **bold**) Distribution BP’s done?  |
|  **BUILDINGS: 2 BPs required; 2 BPs done: YES** |
| **1. Public** **1 & 2; & one action from 3-7** | **YES** | * 1. Complete-Star 2
	2. Complete – Star 2
	3. Complete-Star 1 & 2

1.7 Complete-Star 1  |
| 2. Private any two actions | **Yes** | 2.1 Complete-Star 12.5 Complete-Star 1 |
| 3. New 1 or 2; one from 3-5 |  |  |
| 4. Lighting/Signals 2 actions with one from 5-8 | **Yes** | 4.5 Complete- Star 14.8 Complete-Star 3 All of Elk River's traffic lights are LEDs and we were the first city in Minnesota to do so. |
| 5. Reuse any one action | **Yes** | 5.2 Complete-Star 1 |
|  **LAND USE: 2 BPs required; 2 BPs done? YES** |
| **6. Comp Plan** **1 & 2** | **Yes** | 6.1 Complete-Star 16.2 Complete-Star 1  |
| 7. Density any one action | **Yes** | 7.1 Complete-Star 17.2 Complete-Star 17.3 Complete- Star 1  |
| 8. Mixed Uses any two actions | **Yes** | 8.2 Complete-Star 18.3 Complete- Star 1 8.5 Complete – Star 1 8.7 Complete-Star 2 |
| 9. Highway Development any one action | **Yes** | 9.4 Complete-Star 1  |
| 10. Conservation Development any one action | **Yes** | 10.1 Complete- Star 1 |
|  **TRANSPORTATION: 2 BPs required; 2 BPs done? YES** |
| **11. Complete Green Streets** **1; & two additional actions** | **Yes** | 11.1 Complete Star 111.4 Complete-Star 111.5 Complete – Star 1 11.6 Complete-Star 1  |
| **12. Mobility Options** **any two actions** | **Yes** | 12.1 COMPLETE @ 2 STARS -- majority of city owned buildings provide bike parking and shower facilities for employees12.3 Complete – Star 112.4 Complete – Star 1 |
| 13. Fleets any two actions |  |  |
| 14. TOD / TDM any two actions |  |  |
|  **ENVIRONMENTAL MANAGEMENT: 4 BPs required; 4 BPs done? YES** |
| **15. Purchasing** **1; and one additional action** | **Yes** | 15.1 Complete-Star 215.2 Complete-Star 2 renewables account for about 20% of our city operations’ energy needs15.7 Complete-Star 1 |
| **16. Trees** **any two actions** | **Yes** | 16.4 Complete – Star 116.5 Complete – Star 2 |
| **17. Stormwater** **any one action** | **Yes** | 17.4 Complete – Star 1 (are the impact fees yearly fees or one-time development impact fees?)17.6 Complete-Star 1  |
| 18. Parks & Trails any three actions | **No** | 18.3 COMPLETE @ 1 STAR -- 39 acres of park land per 1000 residents (3.2% of city land area)18.8 Complete – Star 1 (broken web link) |
| 19. Surface Water if state public water: 4; and one additional actionif no state water: any one action | **Yes** | 19.3 Complete-Star 1 (please list water improvement goals/targets)19.4 Complete-Star 1  |
| 20. Water / Wastewater 1 & 2; and one additional | **No** | 20.1 Complete-Star 1 (what did you learn from the data about the plant’s performance?)20.2 Complete- Star 1 |
| 21. Septics any one action | **Yes** | 21.1 Complete-Star 1 21.6 Complete-Star 1  |
| 22. Solid Waste 1 or 2; & one from 4-8 | **No** | 22.3 Complete- Star 1 22.4 Complete- Star 122.5 Complete- Star 122.6 Complete- Star 3 2 collection zones/haulers; city stipulates recycling opportunities such as single-stream and organics22.7 Complete-Star 1 |
| 23. Local Air Quality any two actions |  |  |
|  **ECON & COMMUNITY DEVELOPMENT: 3 BPs required; 3 BPs done? YES** |
| **24. Benchmarks & Involvement** **1 & 2** | **Yes** | 24.1 Complete – Star 124.2 Complete – Star 224.4 Complete-Star 1  |
| **25. Green Businesses** **any two actions** | **Yes** | 25.1 Complete-Star 1 25.3 COMPLETE @ 2 STARS -- "Energy City" tourism: av. of 20 tours/yr.; 500 visitors in 2014. 25.4 Complete-Star 225.6 Complete-Star 1 -- Energy City High Five award program (broken link)25.7 Complete-Star 1 |
| 26. Renewable Energy any two actions | **Yes** | 26.2 Complete-Star 2 26.5 Complete-Star 2 small wind turbine; landfill Gas-to-Electricity Power Plant at the Elk River Landfill26.6 Complete – Star 1 (broken link)  |
| 27. Local Food any one action | **Yes** | 27.2 Complete-Star 127.3 Complete-Star 1 |
| 28. Business Synergies 2, 3 or 4 | **Yes** | 28.3 Complete – Star 1 |

**ELK RIVER –** notable actions

* **Avoiding use of its 10.3MW electric peaking station** is achieved by Elk River Utilities partly through its “Cycled AC" & “Wait Till 8” voluntary conservation programs
* **Public safety building annual savings** from efficiency measures include 22,000 gal. water, 1,500 gal. oil, 1867 lbs. air pollution, 9.73 cubic yards of landfill space, 12,965 kWh of energy; building has ground-source, closed-loop geothermal system
* **Public Library uses half the energy** of a normal library of same size, is certified LEED Gold by the USGBC
* **First MN city** to replace all traffic signals with cost-saving LED lights
* **20% renewable energy** used by city operations
* **Recognizes business excellence** under its Energy City High Five award program
* **Energy City tourism** averages 20 tours/yr.; 500 visitors in 2014
* **2013 road project financing change from property tax assessments to franchise fees on utility bills** (modeled after 2003 St. Louis Park program) cuts hundreds of thousands of dollars in interest payments, allows more frequent and regular street maintenance, which increases the lifespan of roads