**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 1  2.5 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 1  4.8 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 1  6.2 Complete-Star 1 |
| 7. Density  any one action | **Yes** | 7.1 Complete-Star 1  7.2 Complete-Star 1  7.3 Complete- Star 1 |
| 8. Mixed Uses  any two actions | **Yes** | 8.2 Complete-Star 1  8.3 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 1  11.4 Complete-Star 1  11.5 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 employees  12.3 Complete – Star 1  12.4 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 2  15.2 Complete-Star 2 renewables account for about 20% of our city operations’ energy needs  15.7 Complete-Star 1 |
| **16. Trees**  **any two actions** | **Yes** | 16.4 Complete – Star 1  16.5 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 action  if 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 1  22.5 Complete- Star 1  22.6 Complete- Star 3 2 collection zones/haulers; city stipulates recycling opportunities such as single-stream and organics  22.7 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 1  24.2 Complete – Star 2  24.4 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 2  25.6 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 Landfill  26.6 Complete – Star 1 (broken link) |
| 27. Local Food  any one action | **Yes** | 27.2 Complete-Star 1  27.3 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