**2020 Category A City: RED WING**

a Step Five GreenStep City as of June 2019

- joined 2/28/11 -

***Assessor and date****: Philipp Muessig, 10/21/19*

**21**

***Total BPs implemented:***

|  |
| --- |
| Best practices (**required**) BP implemented? Action summary by # and star level achieved Action rules (req. in **bold**) |
|  **BUILDINGS: 2 BPs required; 2 done? YES** |
| **1. Public** **1 & 2; & one action from 3-7** | **YES** | 1.1: COMPLETE @ 2 stars1.2: COMPLETE @ 2 stars 1.3: COMPLETE @ 2 stars -- 1987-2010 electricity & NG savings of $365,000 (2013 $).1.5: COMPLETE @ 1 STAR 1.6: COMPLETE @ 1 STAR – a thorough summary of environmental action and vision in Red Wing!  |
| 2. Private any two actions | **NO** | 2.1 COMPLETE @ 3 STARS -- Green Wing Action Plan adopted Dec. 2015 by Council, developed via Xcel’s Partners in Energy assistance & Red Wing’s Sustainability Commission: primary goal - increase energy efficiency by residential (10% or 700 households in 2 years) & small-mid-sized commercial (10%, 100 in 3 years). Current outreach: 1) Home Energy Audit discounts through a utility billing flier, 2) business outreach campaign, 3) competition between community congregations  |
| 3. New 1 or 2; one from 3-5 |  |  |
| 4. Lighting/Signals 2 actions with one from 5-8 | **YES** | 4.4: COMPLETE @ 1 STAR4.5 COMPLETE @ 2 stars4.7: COMPLETE @ 1 star 4.8: COMPLETE @ 3 stars |
| 5. Reuse any one action | **YES** | 5.1: COMPLETE @ 2 stars5.2: COMPLETE @ 3 stars5.3: UNDERWAY -- Planning with the Red Wing School District to add-on to the elementary schools5.5: COMPLETE @ 1 star |
|  **LAND USE: 2 BPs required; 2 done? YES** |
| **6. Comp Plan** **1 & 2** | **YES** | 6.1: COMPLETE @ 1 star 6.2: COMPLETE @ 1 star6.4: COMPLETE @ 1 star6.5: COMPLETE @ 1 star Comp Plan has established (2013) broad energy independence goals that need to be further refined |
| 7. Density any one action | **YES** | 7.3: COMPLETE @ 1 star |
| 8. Mixed Uses any two actions | **YES** | 8.1: COMPLETE @ 1 star8.2: COMPLETE @ 1 star8.3: COMPLETE @ 1 star8.5: COMPLETE @ 1 star  |
| 9. Highway Development any one action | **YES** | 9.1: COMPLETE @ 1 star9.3: COMPLETE @ 1 star – Hwy 61 had an access mgmt study through MNDOT - The study encourages higher density development. |
| 10. Conservation Development any one action | **YES** | 10.1: COMPLETE @ 1 star10.2: this is an action for cities that formally adopt an urban growth boundary10.5: COMPLETE @ 1 star |
|  **TRANSPORTATION: 2 BPs required; 2 done? YES** |
| **11. Complete Green Streets** **1; & two additional actions** | **YES** | 11.1: COMPLETE @ 1 star11.4: COMPLETE @ 1 STAR11.5: COMPLETE @ 1 STAR 11.6: COMPLETE @ 1 STAR |
| **12. Mobility Options** **any two actions** | **YES** | 12.1: COMPLETE @ 2 stars12.2: COMPLETE @ 2 stars -- Live Healthy Red Wing was formed in 2008 in an effort to promote active living and good nutrition12.6: UNCLEAR – has new service has been added? |
| 13. Fleets any two actions | **YES** | 13.1: COMPLETE @ 1 star13.2: COMPLETE @ 1 star13.4: COMPLETE @ 1 star |
| 14. TOD / TDM any two actions | **NO** | 14.1: COMPLETE @ 2 stars |
|  **ENVIRONMENTAL MANAGEMENT: 4 BPs required; 4 done? YES** |
| **15. Purchasing** **1; and one additional action** | **YES** | 15.1: COMPLETE @ 1 star – Is there a mechanism to ensure personal and implied policies be continued despite potential staff turnover?15.2: COMPLETE @ 1 STAR15.3: COMPLETE @ 1 star – city makes every effort to purchase locally in every instance as a first choice 15.5: COMPLETE @ 2 stars |
| **16. Trees** **any two actions** | **YES** | 16.1: COMPLETE @ 1 star16.3: COMPLETE @ 1 star16.4: COMPLETE @ 1 star16.5: COMPLETE @ 2 stars 16.6: COMPLETE @ 2 stars |
| **17. Stormwater** **any one action** | **YES** | 17.4: COMPLETE @ 1 star17.5: COMPLETE @ 1 star17.6: COMPLETE @ 1 star |
| 18. Parks & Trails any three actions | **NO** | 18.1: COMPLETE @ 1 star 18.8: COMPLETE @ 2 stars |
| 19. Surface Water if state public water: 4; and one additional actionif no state water: any one action | **NO** | 19.4: COMPLETE @ 1 star |
| 20. Water / Wastewater 1 & 2; and one additional | **NO** | 20.1: not yet using Energy Star Portfolio Manager for water facilities20.2: COMPLETE @ 1 star 20.3: COMPLETE @ 1 star 20.6: COMPLETE @ 2 stars – Industrial pretreatment program; 1 water reuse system in city |
| 21. Septics any one action |  |  |
| 22. Solid Waste 1 or 2; & one from 4-8 | **NO** | 22.5: COMPLETE @ 1 star – who is running the organics management program?22.7: COMPLETE @ 1 star  |
| 23. Local Air Quality any two actions | **YES** | 23.1: COMPLETE @ 3 stars 23.2: COMPLETE @ 2 stars23.3: COMPLETE @ 3 stars -- Red Wing Housing Authority established a no-smoking policy for public housing |
|  **ECONOMIC & COMMUNITY DEVELOPMENT: 3 BPs required; 3 done? YES** |
| **24. Benchmarks & Involvement** **1 & 2** | **YES** | 24.1: COMPLETE @ 2 STARS -- Sustainability Commission (8 citizens) works with citizens, government, businesses and local community organizations 24.2: COMPLETE @ 2 stars – have established new energy efficiency targets, beginning Comp Plan revision with new sustainability goals and metrics24.3: COMPLETE @ 2 stars – Red Wing Energy Snapshot includes residential, C/I participation and savings cumulative since Jan 201624.1: COMPLETE @ 1 STAR -- “Get-Up-And-Save Congregational Energy Challenge” April-May 2017: currently 4 congregations earn points for completing home actions; top 2 places-of-worship win prizes24.5: already listed under 12.2 |
| **25. Green Businesses** **any two actions** | **YES** | 25.1: list targeted green business assistance and new workforce development here25.2: COMPLETE @ 1 star25.4: COMPLETE @ 1 star25.5: COMPLETE @ 1 star |
| 26. Renewable Energy any two actions | **YES** | 26.1: UNDERWAY – 2014 wind and solar ordinance adopted (some by-right provisions); installations have resulted26.3: COMPLETE @ 3 STARS – 2016 PACE via St.Paul Port; 1 applicant by April 201726.5: COMPLETE @ 1 star -- During 2013-14 6 solar PV installations on city buildings; 240,000 kWh/yr. = 3.6% of City’s operational electrical consumption 26.6: COMPLETE @ 3 STARS -- City, school district & others subscribed to a solar garden in 2016 for 5.7M kWh annually, nearly 100% of city operations’ electrical use, will save the City a conservative estimate of $6.6 million over 25 yrs. |
| 27. Local Food any one action | **YES** | 27.2: COMPLETE @ 1 star 27.3: COMPLETE @ 2 stars – nice market operation and great visibility at city hall |
| 28. Business Synergies 2, 3 or 4 | **YES** | 28.2: COMPLETE @ 1 star -- S.B. Foot Tannery gets waste heat from the Incinerator next door.28.3: lots of great examples, but this action is for a business/industrial park containing at least four of the items |
| **29. Climate Adaptation** **action one**(includes targeted emergency communications in appropriate languages to address vulnerable populations) | **YES** | 29.1 COMPLETE @ 2 STARS – City- Goodhue Co. cooperation in emergency management; annually plan is practiced, police captain IDed; thorough evacuation, sheltering and communication plans in place (Code Red automatic phone recordings); work on goals of (1) fostering an active, healthy citizenry in which all residents feel listened to, engaged, and connected, (2) improving communication with residents about city news using multiple media forms, (3) hiring a communication staff person to facilitate proactive communication29.2 COMPLETE @ 2 STARS -- 2016 integration of climate resilience into 10-yr. city strategic planning, operations and budgeting: "develop a community resiliency plan,” "strengthen staff support for the Sustainability Commission," new half-time position for Sustainability Coordinator who will take the lead in resiliency planning  |