**2020 Category A City: MANKATO**

a Step Two GreenStep City as of June 2013

- joined August 2010 -

***Which assessment****? Preliminary: for city review Final: May 1st recommendation to LMC*

***Assessor and date****: Philipp Muessig, 3/13/20*

**16**

**NO**

**NO**

***Total BPs done out of 16: All required\* BPs done? Distribution BPs done?***

***Recommend new recognition at: Step 3***

Recognition at a Step 3 level involves completing, at a minimum, the following additional actions:

* 1.1. (B3 city building energy benchmarking)
* 15.1 (purchasing policy) + 1 additional purchasing action
* 24.1 (green team)
* 29.1 (emergency communications/facilities)

\* Required for Step 3 recognition

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| --- |
| Best practices (**required**) BP implemented? Action summary by # and star level achieved Action rules (req. in **bold**) ***Distribution BPs done?*** |
| **YES** **BUILDINGS: 2 BPs required; any 2 BPs done?**  |
| **1. Public** **1 & 2; & one action from 3-7** | **No** | 1.1 working with Chris Meyer as needed1.2 COMPLETE @ 1 STAR1.4 Complete Star 1 – you can report the city-wide team under 2.1 1.5 Complete: Star2 1.7 Complete: Star 2 – impressive HRA housing pojects!  |
| 2. Private any two actions | **YES** | 2.1 COMPLETE @ 1 STAR2.5 COMPLETE @ 1 STAR -- even/odd calendar system for watering, with all watering prohibited between 11AM and 6PM |
| 3. New 1 or 2; one from 3-5 | **No** | 3.1 COMPLETE @ 1 STAR – focus on siting, renovation, energy/water3.2 Complete: Star 1  |
| 4. Lighting/Signals 2 actions with one from 5-8 | **YES** | 4.2 COMPLETE @ 2 STARS – LED street lighting saving $19,000/annually 4.4 COMPLETE @ 2 STARS -- In-ground sensors detect traffic flow and reduce stop lights at times4.5 Complete: Star 24.8 COMPLETE @ 3 STARS -- LED signals saving approximately $50,000 annually |
| 5. Reuse any one action | **Yes** | 5.1 Complete: Star 25.2 Complete: Star 25.4 COMPLETE @ 2 STARS – residential rehab funding for low-mod income5.5 COMPLETE @ 3 STARS – Urban Design Guidelines for downtown & gateways; orderly annexation with townships limits or prohibits new urban development to allow for planned infrastructure investments |
| **YES** **LAND USE: 2 BPs required; 2 BPs done?** |
| **6. Comp Plan** **1 & 2** | **YES** | 6.1 Complete: Star 1 6.2 COMPLETE @ 1 STAR |
| 7. Density any one action | **YES** | 7.1 COMPLETE @ 1 STAR7.2 COMPLETE @ 1 STAR – FAR incentives have catalyzed development |
| 8. Mixed Uses any two actions | **YES** | 8.1 COMPLETE @ 2 STARS – impressive PUD design guidelines!8.5 Complete: Star 3 -- Significant redevelopment of existing downtown buildings within the last 5 years, all with residential components. |
| 9. Highway Development any one action | **Yes** | 9.1 COMPLETE @ 2 STARS – Highway Gateway Overlay District |
| 10. Conservation Development any one action | **Yes** | 10.3 COMPLETE @ 2 STARS -- Woodland Preservation ordinance |
| **YES** **TRANSPORTATION: 2 BPs required; 2 BPs done?**  |
| **11. Complete Green Streets** **1; & two additional actions** | **YES** | 11.1 COMPLETE @ 1 STAR11.5 Complete: Star 1 11.6 Complete: Star 1 -- Neighborhood Traffic-Calming Program |
| **12. Mobility Options** **any two actions** | **Yes** | 12.1 Complete: Star 3 -- "Honorable Mention" as a Bicycle-Friendly Community in 2011; bicycle parking required for all new non-residential uses, and multiple-family residential uses, developers may be able to reduce required number of automobile parking stalls accordingly.12.3 Complete: Star 3 |
| 13. Fleets any two actions | **Yes** | 13.2 Complete:Star 113.3 Complete: Star 1 (move the no idling policy here) 13.4 COMPLETTE @ 1 STAR |
| 14. TOD / TDM any two actions |  | **NO** |
|  **ENVIRONMENTAL MGT: 4 BPs required; 4 BPs done?** |
| **15. Purchasing** **1; and one additional action** | **NO** | feel free to contact the best practice advisor who would be happy to help out with a policy, guidelines/practices |
| **16. Trees** **any two actions** | **YES** | 16.1 COMPLETE @ 1 STAR16.5 Complete: Star 1 -- Requirements call for planting of shade (deciduous) trees every 50 feet along frontage and parking lot perimeter, and planting of evergreen (coniferous) trees every 25 lineal feet If city certifies as Tree City USA, claim credit under 16.116.6 COMPLETE @ 3 STARS |
| **17. Stormwater** **any one action** | **Yes** | 17.2 COMPLETE @ 1 STAR17.4 COMPLETE @ 1 STAR17.6 this action was removed from the GSC program, as it is a regulatory requirement |
| 18. Parks & Trails any three actions | **YES** | 18.1 COMPLETE @ 2 STARS18.2 Complete: Star 1 (broken link)18.3 Complete: Star 118.5 COMPLETE @ 1 STAR18.8 COMPLETE @ 1 STAR |
| 19. Surface Water if state public water: 4; and one additional actionif no state water: any one action | **No** | 19.2 Complete: Star 119.6 COMPLETE @ 1 STAR |
| 20. Water / Wastewater 1 & 2; and one additional | **No** | 20.2 COMPLETE @ 1 STAR20.3 COMPLETE @ 2 STARS -- I&I inspections at private property transfer20.6 Complete: Star 2  |
| 21. Septics any one action |  |  |
| 22. Solid Waste 1 or 2; & one from 4-8 | **NO** | 22.5 COMPLETE @ 1 STAR – city & citizen group Mankato Zero Waste partnered on organics food waste recycling drop off at 2 sites - Full Circle Organics picks-up to compost in Good Thunder |
| 23. Local Air Quality any two actions |  | **YES** |
|  **ECONOMIC & COM. DEVELOPMENT: 3 BPs required; 3 BPs done?** |
| **24. Benchmarks & Involvement** **1 & 2** | **No** | 24.1 contact Philipp.muessig@state.mn.us for help/advise as needed24.2 COMPLETE @ 2 STARS -- annual "State of the City" report that outlines progress on five-year strategic plan24.3 Complete: star 2 -- Envision 2020 key performance areas24.4 COMPLETE @ 1 STAR |
| **25. Green Businesses** **any two actions** | **YES** | 25.1 COMPLETE @ 1 STAR25.2 COMPLETE @ 1 STAR -- <http://www.greatermankato.com/sustainability> promotes PACE, MnTAP, training to manufacturers covering sustainability25.5 COMPLETE @ 2 STARS |
| 26. Renewable Energy any two actions | **YES** | 26.3 COMPLETE @ 3 STARS – PACE via SPPA; 3 three large apartment complexes underway26.6 1 & 47-acre solar garden arrays |
| 27. Local Food any one action | **YES** | 27.2 COMLPLETE @ 1 STAR27.3 Complete: star 1 |
| 28. Business Synergies 2, 3 or 4 |  |  |
| 29. Climate Adaptation Action 1 @ 2/3 Star level(includes targeted emergency communications in appropriate languages to address vulnerable populations) | **NO** | 29.1 contact Laura.Millberg@state.mn.us for help/advice as needed |

**MANKATO –** notable actions

* **LED street lighting** saving $19,000 annually
* **LED traffic signals** saving $50,000 annually
* **City's water reclamation facility has reduced** deep well water use by 50%. Between 1.5 and 2 million gallons of treated wastewater is being used by the Mankato Energy Center for cooling, which saves the city nearly 700 million gallons of water annually (about as much water as a population of 18,000 might use) and has significantly reduced phosphorous levels. Reused water is also used for activities like street sweeping, park irrigation, and sold (at $2.50/750 gal.) to landscapers and others for reuse
* **Urban Design Guidelines** created for downtown and for gateways into the city
* **Orderly annexation agreements** with townships limit or prohibit new urban development so as to allow for planned and most efficient infrastructure investments
* **Downtown density bonuses** have catalyzed commercial and residential development
* **Highway Gateway Overlay District** guides and improves quality of development
* **Neighborhood traffic calming** program
* **Required bike parking** for new commercial and multi-unit residential that can cut required car stalls
* **Bicycle-Friendly Community** 2011 Honorable Mention
* **Parking lot requirements for shade trees** every 50 feet along perimeter
* **Stormwater infiltration-to-sanitary sewer inspection** required upon property transfer
* **Annual State-of-the-City** report outlines progress on strategic plan
* **Participating in the PACE financing** program for renewable energy with the St. Paul Port Authority
* **Gardens in residential areas** have no requirement for setback and no maximum lot coverage
* **Nearly $2 million in savings projected over 25 years** due to subscriptions to solar energy projects that will power city assets: street lighting, civic center, sewage treatment plant