**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

|  |  |  |
| --- | --- | --- |
| 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 needed  1.2 COMPLETE @ 1 STAR  1.4 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 STAR  2.5 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/water  3.2 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 times  4.5 Complete: Star 2  4.8 COMPLETE @ 3 STARS -- LED signals saving approximately $50,000 annually |
| 5. Reuse  any one action | **Yes** | 5.1 Complete: Star 2  5.2 Complete: Star 2  5.4 COMPLETE @ 2 STARS – residential rehab funding for low-mod income  5.5 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 STAR  7.2 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 STAR  11.5 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 1  13.3 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 STAR  16.5 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 16.1  16.6 COMPLETE @ 3 STARS |
| **17. Stormwater**  **any one action** | **Yes** | 17.2 COMPLETE @ 1 STAR  17.4 COMPLETE @ 1 STAR  17.6 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 STARS  18.2 Complete: Star 1 (broken link)  18.3 Complete: Star 1  18.5 COMPLETE @ 1 STAR  18.8 COMPLETE @ 1 STAR |
| 19. Surface Water  if state public water: 4; and one additional action  if no state water: any one action | **No** | 19.2 Complete: Star 1  19.6 COMPLETE @ 1 STAR |
| 20. Water / Wastewater  1 & 2; and one additional | **No** | 20.2 COMPLETE @ 1 STAR  20.3 COMPLETE @ 2 STARS -- I&I inspections at private property transfer  20.6 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](mailto:Philipp.muessig@state.mn.us) for help/advise as needed  24.2 COMPLETE @ 2 STARS -- annual "State of the City" report that outlines progress on five-year strategic plan  24.3 Complete: star 2 -- Envision 2020 key performance areas  24.4 COMPLETE @ 1 STAR |
| **25. Green Businesses**  **any two actions** | **YES** | 25.1 COMPLETE @ 1 STAR  25.2 COMPLETE @ 1 STAR -- <http://www.greatermankato.com/sustainability> promotes PACE, MnTAP, training to manufacturers covering sustainability  25.5 COMPLETE @ 2 STARS |
| 26. Renewable Energy  any two actions | **YES** | 26.3 COMPLETE @ 3 STARS – PACE via SPPA; 3 three large apartment complexes underway  26.6 1 & 47-acre solar garden arrays |
| 27. Local Food  any one action | **YES** | 27.2 COMLPLETE @ 1 STAR  27.3 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](mailto: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