**2020 Category A City: MOORHEAD**

a Step 3 GreenStep City as of June 2019

(joined July 2017)

***Assessor and date****: Philipp Muessig, 3/9/20*

**17**

***Total BPs implemented:***

\* note: requirements are for Step 3 recognition

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| Best practices (**required in bold**) BP implemented? Action summary by # and star level achieved Action rules (req. actions in **bold**)  |
| **YES** **BUILDINGS: distribution requirement is 2 BPs ; are 2 BPs done?** |
| **1. Public** **Actions 1 & 2; & one action from actions 3-7** | **YES** | 1.1 COMPLETE @ 3 STARS -- 12 consecutive months of data for waste water, drinking water, energy; City Sustainability Manager enters monthly data, error checked by automation process that connects to Moorhead Public Service Utility Bills1.2 COMPLETE @ 1 STAR -- Viking Ship Museum improvements (HVAC VFDs & controls, CFL lighting)1.4 COMPLETE @ 1 STAR -- City computer & phone power mgt. (since 2011); server virtualization |
| 2. Private any two actions | **YES** | 2.1 COMPLETE @ 1 STAR – Moorhead Public Service’s Bright Ideas e-newsletter offers energy-saving tips, hints, and other timely information about energy efficiency2.6 COMPLETE @ 2 STARS – MPS’s Bright Energy Solutions: R/C rebates that help reduce electric costs and increase efficiently |
| 3. New action 1 or 2; one from 3-5 |  |  |
| 4. Lighting/Signals 2 actions with one from 5-8 | **YES** | 4.5 COMPLETE @ 1 STAR -- City-owned parking lot lights and park lights routinely replaced with LED when they need to be replaced4.7 COMPLETE @ 3 STARS -- City's parking ramp lights replaced with LEDs: 2015 exterior stairwell lights; 2015-16 interior lights  |
| 5. Reuse any one action |  | **YES** |
|  **LAND USE: 2 BPs required; are 2 BPs done?** |
| **6. Comp Plan** **Actions 1 & 2** | **YES** | 6.1 COMPLETE @ 2 STARS – 2009 Comp Plan; 2016 Growth Area Plan6.2 COMPLETE @ 1 STAR -- council recognizes the city comprehensive plan as the policy for regulating land use and development6.3 COMPLETE @ 3 STARS -- Fargo-Moorhead Metropolitan Council of Governments; Greater Fargo Moorhead Economic Development Corporation; 2009 Comp Plan Addendum notes ‘Growth management occurs in collaboration with surrounding units of government 6.4 COMPLETE @ 3 STARS – clear growth management areas and orderly annexation defined |
| 7. Density any one action |  |  |
| 8. Mixed Uses any two actions | **YES** | 8.1 COMPLETE @ 3 STARS -- Downtown Moorhead Master Plan initiated 2019: broad public engagement; improve underutilized space; more livable, walkable, thriving urban center; maximizing return of public and private investments 8.2 COMPLETE @ 2 STARS -- several city, county, school, business facilities located on bus route in or near the Downtown mixed-use district8.5 COMPLETE @ 3 STARS -- Moorhead Renaissance Zone (MRZ) and the Downtown Moorhead Master Plan (In Progress) guide Moorhead's visions and policies for a mixed-use downtown zoning district8.7 COMPLETE @ 2 STARS -- Urban Progress Zone targets infill and re- redevelopment of C/R in/near DT to concentrate reinvestment in Moorhead's downtown, near downtown: eligible for building improvement tax exemptions |
| 9. Highway Development any one action |  |  |
| 10. Conservation Development any one action |  | **YESSW** |
|  **TRANSPORTATION: 2 BPs required; are 2 BPs done?**  |
| **11. Complete Green Streets** **1; & two additional actions** | **YES** | 11.1 COMPLETE @ 2 STARS -- staff review projects for complete street elements (part of 2009 Comp Plan); council support of F-M Council of Governments' CS Policy (2010)11.4 COMPLETE @ 2 STARS – 2016 MetroCOG Bicycle and Pedestrian Plan; 2019 complete streets project on Center Avenue 11.5 COMPLETE @ 3 STARS -- short/long-term plans to connect trails using bike lanes, shared use paths, sharrows, signed roadways, bridges, underpasses; replaced existing bridge with new automated lift bridge for exclusive bike & ped use connecting DT Fargo & Moorhead 11.6 COMPLETE @ 2 STARS -- traffic calming policy to evaluate requests for, and if appropriate, implement traffic calming measures with special assessment for construction costs |
| **12. Mobility Options** **any two actions** | **YES** | 12.1 COMPLETE @ 3 STARS -- Public bus: real time on web & at 2 college stops; bus bike racks; Great Rides Bike Share (discounts for bike-bus) at main transit center; Park and Ride lot at Moorhead Center Mall with DT shuttle service; Downtown discounted Pass for employers; BRONZE Bicycle Friendly Community designation12.2 COMPLETE @ 3 STARS -- Streets Alive (8000 attended in 2017), an Active Living campaign with open-street festivals; update of citywide Safe Routes to School program12.3 COMPLETE @ 2 STARS -- MATBUS web page: Public transit, paratransit, other private and public transportation services website. FMRIDESOURCE.com12.4 COMPLETE @ 3 STARS -- annual (since 2011) iGoEco Challenge: residents/employees urged to leave car at home, take alternative transportation at least once per week. 5-week promotion held in spring with weekly prizes (from businesses), nearly 400 people participate/yr.12.6 COMPLETE @ 3 STARS -- MATBUS & Great Rides Bike Share to roll out Bike and Bus Multi-pass in Spring 2018 |
| 13. Fleets any two actions |  |  |
| 14. TOD / TDM any two actions |  | **YES** |
|  **ENVIRONMENTAL MANAGEMENT: 4 BPs required; are 4 done?** |
| **15. Purchasing** **1; and one additional action** | **YES** | 15.1 COMPLETE @ 1 STAR -- purchasing policy covers water, energy, toxins, waste, strong recycling markets15.2 COMPLETE @ 2 STARS -- 59% renewable via Moorhead Public Service: 50% hydropower, 4% wind, 4% nuclear, >1% solar  |
| **16. Trees** **any two actions** | **YES** | 16.1 COMPLETE @ 2 STARS – 2018, 30th year as a Tree City USA16.4 COMPLETE @ 3 STARS – since 2012 city plants (vs. developer) bld. Trees in new developments via special assessment: result is average number of trees planted > from 411 to 709 trees planted per year16.5 COMPLETE @ 2 STARS -- with River Keepers & Audubon, several urban woodland prairie initiatives along the river corridor, plus city plants 800-1600 whips in the river corridor area annually  |
| **17. Stormwater** **any one action** | **YES** | 17.1 COMPLETE @ 1 STAR -- City accepts MIDS to meet city ordinance requirements17.3 city ordinances are shy of minimum completion standards for this action17.4 COMPLETE @ 1 STAR – storm water utility with variable commercial fee17.5 COMPLETE @ 1 STAR -- rain gardens have to be designed by a PE or LA  |
| 18. Parks & Trails any three actions | **YES** | 18.1 COMPLETE @ 3 STARS -- Moorhead River Corridor Trail Master Plan: $18 million, 25+ year plan to acquire flood prone property for public use & trail connectivity. Public schools offer use of outdoor tracks after school hours18.2 COMPLETE @ 2 STARS -- residential development applicants must dedicate land as outlots for parks, playgrounds, public open spaces, trails or bikeways and/or must make a cash dedication to the city in relation to the city comprehensive plan, growth area plans and parks master plan 18.3 COMPLETE @ 3 STARS -- 58 total parks, with 740 acres of park land.90% of residents, including youth, live within a 10 minute walk to a public park18.8 COMPLETE @ 3 STARS -- adopt a park/street/river/flowerbed options; work with Riverkeepers (river trash cleanup) and Audubon Dakota (invasive species removal); organized interstate trash cleanup events in the past. Police do trash pickup with community service program |
| 19. Surface Water if state public water: 4; and one additional actionif no state water: any one action |  |  |
| 20. Water / Wastewater 1 & 2; and one additional |  |  |
| 21. Septics any one action |  |  |
| 22. Solid Waste 1 or 2; & one from 4-8 | **YES** | 22.2 COMPLETE @ 1 STAR – 2017: City's A Day Without a Bag Campaign promoted reusable bags, highlighted where plastic grocery bags can be recycled at Cash Wise Foods22.6 COMPLETE @ 3 STARS -- City provides no-sort recycling @ 163 apartments with ed posters on containers, involved apt. mgrs.; goal of 20% (from 10.7% in 2017) recycling; April 2019 just finishing a six-month Commercial No-Sort Recycling Pilot Program 22.7 COMPLETE @ 2 STARS -- City implemented no-sort recycling July 2017, by November this has increased recycling rates by 56%. |
| 23. Local Air Quality any two actions | **NO** |  23.5 COMPLETE @ 2 STARS -- level 3 DC quick charge station I94/Hwy75 **YES** |
|  **ECON & COMM DVLP: 3 BPs required; are 3 done?** |
| **24. Benchmarks & Involvement** **Actions 1 & 2** | **YES** | 24.1 COMPLETE @ 1 STAR -- 15-mbr. staff green team (Neigh. Services; Recycling; Wastewater; Transportation; Engineering; Parks&Rec; Public Services; CM office24.2 COMPLETE @ 1 STAR – sustainability tab on web details projects / outcomes; held several community meetings that go into detail about the City's future plans & current initiatives24.5 COMPLETE @ 3 STARS -- 2019 Moorhead Community Resilience Task Force (education, local government, private & nonprofit organizations) has Bush funding to develop a community resilience action plan and take initial steps to become better prepared in the areas of infrastructure, ecosystems, health and wellness, governance & social equity, and economic health |
| **25. Green Businesses** **any two actions** | **YES** | 25.3 COMPLETE @ 3 STARS -- City collaboration with River Keepers promotes sustainable use of the river and provides a green tourism offering25.4 COMPLETE @ 2 STARS -- Dakota Timber Co. partners with the city to reclaim timber, selling products to builders, contractors, home owners25.5 COMPLETE @ 3 STARS – 26 sites in Central City Corridor where the City has gone above and beyond to remediate sites which became extremely successful mixed-use redevelopment projects that fit within Fargo-Moorhead’s Downtown Redevelopment Framework Plan and that help Moorhead achieve its Downtown Housing Goal |
| 26. Renewable Energy any two actions | **YES** | 26.4 COMPLETE @ 3 STARS – M. Public Servies' Community Solar Garden, located between MPS’ 2 Capture The Wind® turbines in N. M.26.5 COMPLETE @ 3 STARS -- Moorhead Public Service’s Capture the Energy program: 2 turbines (1.5 MW); PV (10.6kW); resident community solar garden option |
| 27. Local Food any one action |  |  |
| 28. Business Synergies action 2, 3 or 4 | **YES** | 28.2 COMPLETE @ 2 STARS -- City's Wastewater Treatment Plant generates methane as part of the water treatment process. The methane gas is captured and returned to the boiler to heat the entire facility, including the tanks where methane is formed. |
| **29. Climate Adaptation** **action 1**(includes targeted emergency communications in appropriate languages for vulnerable populations) | **YES** | 29.1 COMPLETE @ 3 STARS -- City Hazard Mitigation Plan rewritten 2x/decade; 2019 update of Emergency Operation Plan to conform with CO; staff prepared to distribute emergency supplies; ‘Are you Prepared?’ manual in multiple languages, and Emergency & Community Health Outreach (ECHO) to provide multi-language information and assistance; translators via the Language Line; city utilizes 24-hour open businesses as shelters w/in ea. Ward w/ emergency generators; outreach to residents in manufactured homes  |

**MOORHEAD** – notable actions

* **26 remediated brownfield sites** have become an extremely successful mixed-use redevelopment district the fits the Downtown Redevelopment Framework Plan and contributes to the Downtown Housing Goal
* **2019 Community Resilience Task Force** (education, local government, private & nonprofit organizations) is developing a community resilience action plan and will take initial steps to become better prepared in the areas of infrastructure, ecosystems, health and wellness, governance & social equity, and economic health
* **56% increase in recycling rates due to single-sort** (comingling of containers, fibers) recycling introduced summer 2017; single-sort recycling at 163 apartment buildings, along with education posters on containers and involved apartment managers, aims to double recycling rate from 11% in 2017
* **Growth is managed** in collaboration with the Fargo-Moorhead Metropolitan Council of Governments and the  Greater Fargo Moorhead Economic Development Corporation
* **Public bus transit improvements**: real time arrivals on web and at 2 college stops; bike racks on buses; discounts for bike share and bus users; park and ride lot at Moorhead Center Mall with downtown shuttle service; commuters to downtown employers eligible for discounted bus passes
* **Green Living challenge campaigns**: A Day Without a Bag to promote reusable bags and plastic grocery bag recycling; 400 participants/year in annual (since 2011) iGoEco urging residents/employees to, once a week, leave a car at home, take alternative transportation and be rewarded by prizes from businesses
* **8000 attended 2017 Streets Alive** (an Active Living open-street festival); citywide Safe Routes to School program updated
* **Bicycle Friendly Community** designation at the Bronze level
* **Exclusive bike & ped use** of a replaced bridge connecting downtown Fargo & Moorhead
* **2019 Downtown Moorhead Master Plan**: broad public engagement; improve underutilized space; more livable, walkable, thriving urban center; maximizing return of public and private investments
* **Green tourism offering** through City Parks and Rec. collaboration with River Keepers that promotes sustainable use of the Red River