**2019 Category C City: MARINE ON SAINT CROIX**

Currently a Step 3 GreenStep City as of June 2017

(joined December 2014)

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

***Assessor and date****: Philipp Muessig, 4/10/19*

**10**

***Total BPs done:***

|  |
| --- |
| Best practices (**required**) BP implemented? Action summary by # and star level achieved Action rules (req. actions in **bold**) **YES** |
|  **BUILDINGS: distribution requirement is 1 BP; is 1 BP done?** |
| 1. Public any one action | **YES** | 1.2 COMPLETE @ 1 STARS – 2015 RETAP assessment of Village resulted in LEDs, new gas furnaces ( 97% vs. 90%), new AC (15 vs. 10 SEER), programmable thermostats |
| 2. Private any one action |  |  |
| 3. New any one action |  |  |
| 4. Lighting/Signals any one action | **YES** | 4.3 COMPLETE @ 3 STARS -- Xcel Energy replaced in 2017 all 58 HPS street lights with LEDs: Anticipated kWh savings = 1727/mo; CO2 lbs/kWh avoided = 1820/mo. |
| 5. Reuse any one action |  |  |
| **YES** **LAND USE: 1 BP required; is 1 BP done?** |
| **6. Comp Plan** **Action #1**  | **YES** |  6.1 COMPLETE @ 1 STAR – 2012 Addenda6.2 COMPLETE @ 1 STAR – in 2006 Zoning Ordinance and Subdivision Regulations |
| 7. Density any one action |  |  |
| 8. Mixed Uses any one action |  |  |
| 9. Highway Development any one action |  |  |
| 10. Conservation Development any one action |  |  |
| **YES** **TRANSPORTATION: 1 BP required; is 1 BP done?** |
| 11. Complete Green Streets Action #1 |  |  |
| 12. Mobility Options any one action | **YES** | 12.1 COMPLETE @ 2 STARS – map; newsletter announcements; expanded walking, biking, skiing, canoeing trail system |
| 13. Fleets any one action |  |  |
| 14. TOD / TDM any one action |  | **YES** |
|  **ENVIRONMENTAL MGT: 1 BP required; is 1 BP done?** |
| **15. Purchasing** **Action #1** | **YES** |  15.1 COMPLETE @ 2 STARS -- 2017 Council policy: 30%+ post-consumer recycled content, reusable / refillable office supplies, paper use reduction, purchase EnergyStar & WaterSense equipment & appliances, paperless city council packets |
| 16. Trees any one action | **YES** | 16.4 COMPLETE @ 1 STAR -- Urban Tree Survey done; plan to come that can be implemented by the City Council (target 2017). Survey by GSC Committee member, volunteers16.4 COMPLETE @ 16.4 COMPLETE @  |
| 17. Stormwater any one action |  |  |
| 18. Parks & Trails any one action | **YES** | 18.3 COMPLETE @ 2 STARS – 32% parks, Recreational, or Reserve lands18.8 COMPLETE @ 2 STARS -- community volunteers maintain the Historic Marine Mill, a 6-acre natural area/Minnesota Historical Society site within the downtown district; invasives removal, 100 new native trees & native prairie and woodland species, interpretive trails & interpretive signage |
| 19. Surface Water if state public water: 4; and one additional actionif NO state water: any one action |  |  |
| 20. Water / Wastewater if providing drinking water, complete 1 & 2 or 4 |  |  |
| 21. Septics any one action |  |  |
| 22. Solid Waste any one action | **YES** | 22.5 COMPLETE @ 2 STARS – City helped 5 businesses to reduce trash, increase recycling, implement compostables pickup; new enclosure built; others exploring the option |
| 23. Local Air Quality any one action |  | **YES** |
|  **ECON & COMM DVLMPT: 2 BPs required; are 2 BP done?** |
| **24. Benchmarks & Involvement** **Action #1** | **YES** | 24.1 COMPLETE @ 2 STARS -- Marine GSC Committee (small group of citizens and a Council Member); articles in City's quarterly newsletter24.2 COMPLETE @ 2 STARS – GSC Committee hosts community ed programs (Raingarden Workshop; "Solar Power Hour"); since 1998 annual Mill Stream Day (nature-oriented exhibits, a brook trout lunch, local musicians, Maypole) & MS Association env. ed. & other related projects |
| 25. Green Businesses any one action |  |  |
| 26. Renewable Energy any one action |  |  |
| 27. Local Food: any one action |  |  |
| 28. Business Synergies: any one |  |  |
| **29. Climate Adaptation** **Action 1** | **YES** | 29.1 COMPLETE @ 1 STAR |