**2022 Category B City: LAKE CRYSTAL**

Currently a Step 2 GreenStep City as of June 2014

(joined April 2013 )

X

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

***Assessor and date*** *Kristin Mroz, 2/17/2022*

**NO**

**NO**

11

***Total BPs done: All required BPs done? BP distribution requirements met?***

***Recommend June 2022 public recognition at: Step 3***

Recognition at a [Step 3](https://greenstep.pca.state.mn.us/media/216) level involves, at a minimum, the remaining:

* + **Comprehensive Plans:** [6.1](https://greenstep.pca.state.mn.us/bp-action-detail/81775) and [6.2](https://greenstep.pca.state.mn.us/bp-action-detail/81776)
  + **Community Forests & Soils:** any 1 action from [16.1-16.7](https://greenstep.pca.state.mn.us/bp-detail/81726)
  + **Green Businesses:** any 1 action from [25.1-25.7](https://greenstep.pca.state.mn.us/bp-detail/81726)
  + **Climate Adaptation & Community Resilience:** [29.1](https://greenstep.pca.state.mn.us/bp-action-detail/81912) at a 2- or 3-star level

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Best practices (**required in bold**)  Action rules (req. actions in **bold**) | | BP implemented? | | Action summary by # and star level achieved |
| **BUILDINGS: distribution requirement is 2 BPs ; are 2 BPs done? YES** | | | | |
| **1. Public Buildings**  **Actions 1 & 2** | **YES** | | 1.1 @ 3 STARS  1.2 @ 2 STARS | |
| 2. Private Buildings  any one action | **YES** | | 2.1 @ 3 STARS -- 97 (200 is the goal) households signed up to participate in MU load mgt. program  2.6 @ 2 STARS | |
| 3. New Green Buildings  any one action |  | |  | |
| 4. Lighting/Signals  2 actions with one from 5-8 |  | |  | |
| 5. Building Redevelopment  any one action |  | |  | |
| **LAND USE: 2 BPs required; are 2 BPs done? NO** | | | | |
| **6. Comp Plan**  **Actions 1 & 2** | **NO** | |  | |
| 7. Density  any one action |  | |  | |
| 8. Mixed Uses  any one action |  | |  | |
| 9. Highway Development  any one action | YES | | 9.1 @ 2 STARS – 2019 strategic plan for an industrial park with design goals (including walkability, aesthetics, lake pollution remediation) for auto-oriented corridor  9.2 @ 1 STAR – participation with Region Nine Development Commission, Greater Mankato Growth. | |
| 10. Conservation Development  any one action |  | |  | |
| **TRANSPORTATION: 1 BP required; is 1 BP done? YES** | | | | |
| 11. Complete Green Streets  1; & one additional action |  | |  | |
| 12. Mobility Options  any one action | YES | | 12.2 @ 1 STAR -- awarded an SRTS grant for $160K | |
| 13. Fleets  any one action | YES | | 13.2 @ 1 STAR -- hybrid police vehicle added to fleet after fleet evaluation; is estimated to have a 3-year return on investment | |
| 14. TOD / TDM  any two actions |  | |  | |
| **ENVIRON MGT: 3 BPs required; are 3 done? YES** | | | | |
| **15. Purchasing**  **1; and one additional action** | **YES** | | 15.1 @ 2 STARS  15.2 @ 1 STAR – 15% renewable electricity | |
| **16. Trees**  **any one action** | **NO** | |  | |
| 17. Stormwater  any one action | YES | | 17.2 @ 2 STARS – completed Blue Star Assessment  17.3 @ 1 STAR -- Adopt-a-drain Program was created by Crystal Waters Project in 2014  17.5 @ 2 STARS – civic organization Crystal Waters Project launched "Landscaping for Crystal Waters" in 2019 to assist residents (including $150-$500 grants) in planting rain gardens and restoring/preserving their shorelines | |
| 18. Parks & Trails  any two actions | NO | | 18.1 @ 2 STARS – substantial 2018 park improvements (pollinator gardens, interpretive signs, rain gardens, shoreline restoration, fishing pier, ADA trail, restroom) | |
| 19. Surface Water  if state public water: 4; and one additional action  if no state water: any one action | YES | | 19.2 @ 3 STARS -- 1st MN iron-sand filter installed at the end of a field's drainage tile to trap phosphorus before it pollutes the lake; annual Duck Days (hosted by local Chamber), annual fall Rake for the Lake event, over 70 storm drains adopted  19.4 @ 1 STAR  19.5 @ 2 STARS -- Crystal Waters Project: 2017 2-phase lakeshore restoration plan for over 8,000 sq. ft. of lakeshore stabilization and native species plants | |
| 20. Water / Wastewater  1 & 2; and one additional |  | |  | |
| 21. Septics  any one action |  | |  | |
| 22. Solid Waste  one from 1-3; & one from 4-8 | NO | | 22.5 @ 2 STARS -- organics recycling program in School District (1000 students; 2 buildings) & with over 37 households in multi-city Zero Waste Composting program  22.6 @ 3 STARS – organized collection of recycling & garbage from residential properties including multi-family | |
| 23. Local Air Quality  any one action | YES | | 23.2 @ 1 STAR | |
| **ECON & COMM DVLP: 3 BPs required; are 3 done? NO** | | | | |
| **24. Benchmarks & Involvement**  **1; and any one additional** | **YES** | | 24.1 @ 2 STARS – city staff/elected/citizens  24.4 @ 2 STARS | |
| **25. Green Businesses**  **any two actions** | **NO** | | 25.1 @ 1 STAR -- 0% interest loans for commercial energy efficiency improvements | |
| 26. Renewable Energy  any two actions |  | |  | |
| 27. Local Food  any one action | YES | | 27.3 @ 2 STARS – farmer’s market, community garden managed by students with food shelf donations; Welsh Heritage Orchard has a retail store | |
| 28. Business Synergies  any one action |  | |  | |
| **29. Climate Adaptation**  **action 1 at a 2 or 3-star rating** | **NO** | |  | |

**LAKE CRYSTAL –** notable actions

* **1st MN iron-sand filter installed at the end of a field's drainage tile** to trap phosphorus before it pollutes the lake
* **2019 strategic plan for an industrial park** with design goals (including walkability, aesthetics, lake pollution remediation) and community input, for an auto-oriented corridor
* **Landscaping for Crystal Waters** launched by citizens Crystal Waters Project in 2019 to assist residents (including $150-$500 grants) in planting rain gardens and restoring/preserving their shorelines
* **2018 park improvements**: pollinator gardens, interpretive signs, rain gardens, shoreline restoration, fishing pier, ADA trail, restroom
* **0% interest loans** for commercial energy efficiency improvements