**2020 Category A City: CRYSTAL**

Currently a Step 3 GreenStep City as of June 2019

(joined 11/06/2014 )

***Assessor and date****: Philipp Muessig, 8/26/19*

**20**

***Total BPs done:***

\* note: requirements are for Step 3 recognition

|  |
| --- |
| 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 @ 2 STARS – 9 yrs1.2 COMPLETE @ 1 STAR1.3 COMPLETE @ 1 STAR – lights on timers (hallways, restrooms); as HVAC equipment wears out it is replaced with Energy Star/energy efficient models1.5 COMPLETE @ 1 STAR – 2016 Public Works building following LEED; includes Energy Star appliances, systems, geothermal heating1.7 COMPLETE @ 1 STAR -- Public Works facility utilizes geothermal system |
| 2. Private any two actions | **YES** | 2.1 COMPLETE @ 1 STAR2.5 COMPLETE @ 2 STARS -- 2018 utility rate study: water billing change to a consumption basis, in part, to encourage wise use of water |
| 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 – 2 solar-powered speed limit signs4.8 COMPLETE @ 3 STARS |
| 5. Reuse any one action | **YES** | 5.3 COMPLETE @ 2 STARS -- ISD 281 Adult Education leasing 40,000+ sq. ft. at the Crystal Shopping Center. Beacon Academy charter school reusing, and adding 10,000 sq. ft. to, a church5.4 COMPLETE @ 1 STAR – City contract with the NW Housing Resource Center for residential TA & rebates; Center encourages re-use & renovation of existing homes5.5 COMPLETE @ 1 STAR – PUD ordinance includes density bonus**YES** |
|  **LAND USE: 2 BPs required; are 2 BPs done?** |
| **6. Comp Plan** **Actions 1 & 2** | **YES** | 6.1 COMPLETE @ 1 STAR -- October 20116.2 COMPLETE @ 1 STAR6.3 COMPLETE @ 3 STARS – Joint Water [purchasing from Mpls.] Commission (Crystal, New Hope, Golden Valley); active member, Bassett Creek & Shingle Creek Watersheds, routinely coordinates storm water capital projects for managing runoff and water quality6.4 Crystal is a fully developed community; growth area set already |
| 7. City Growth any one action | **YES** | 7.1 COMPLETE @ 1 STAR – R1<5 DUA (gross); R2 5-12 DUA (gross); R3 12-22 DUA (gross)7.2 COMPLETE @ 1 STAR -- density bonus for planned unit developments. PUDs also allow for flexible lot sizes and frontages |
| 8. Mixed Uses any two actions | **YES** | 8.2 COMPLETE @ 1 STAR -- Adult Learning Center in Crystal Shopping Center, adjacent to retail; bordered by residential properties, both single family and multi-family; served by public transit and sidewalks for commuters and pedestrians/bicyclists.8.3 COMPLETE @ 1 STAR – encouraged: energy conservation through site & building design; mixed uses; clustering |
| 9. Highway Development any one action | **YES** | 9.1 COMPLETE @ 1 STAR -- Bottineau Boulevard Partnership design goals9.2 COMPLETE @ 1 STAR – work c/ Hennepin Co. on Blue Line LRT  |
| 10. Conservation Development any one action |  | **YES** |
|  **TRANSPORTATION: 2 BPs required; are 2 BPs done?**  |
| **11. Complete Green Streets** **1; & two additional actions** | **YES** | 11.1 COMPLETE @ 1 STAR – comp plan direction11.3 COMPLETE @ 1 STAR -- as streets are being reconstructed or streets are being installed in infill plats, streets narrowed as appropriate11.4 COMPLETE @ 1 STAR – during st. reconstruction, sidewalks installed on State Aid roads to link parks, schools, retail areas, amenities11.5 COMPLETE @ 1 STAR11.6 COMPLETE @ 2 STARS – 4 -3 road diets |
| **12. Mobility Options** **any two actions** | **YES** | 12.1 COMPLETE @ 3 STARS -- bike racks required in redevelopment projects12.2 COMPLETE @ 2 STARS -- Crystal participates in Active Living Hennepin County12.3 this action calls for prominently identifying mobility options on the city web site |
| 13. Fleets any two actions |  |  |
| 14. TOD / TDM any two actions | **NO** | 14.1 COMPLETE @ 1 STAR -- allows for shared parking between uses and sites, provided certain conditions are met |
| **YES** **ENVIRON MGT: 4 BPs required; are 4 done?** |
| **15. Purchasing** **1; and one additional action** | **YES** | 15.1 COMPLETE @ 1 STAR – replacement with energy efficient/Energy Star equipment/appliances; office paper supplies certified by the Sustainable Forestry Initiative or Forest Stewardship Council & 30%+ post-consumer recycled content15.2 already reported under 26.515.5 COMPLETE @ 1 STAR -- bid specs for reconstruction projects require asphalt from the streets to be recycled in the reconstruction projects15.7 COMPLETE @ 1 STAR -- paperless Council meeting agendas; most city staff receive electronic meeting agendas and meeting packets |
| **16. Trees** **any two actions** | **YES** | 16.1 COMPLETE @ 1 STAR – 23 years16.3 COMPLETE @ 1 STAR16.5 COMPLETE @ 1 STAR – code provides for native landscaping; public 1-1 tree replacement |
| **17. Stormwater** **any one action** | **YES** | 17.1 COMPLETE @ 3 STARS -- Crystal is a part of the Bassett Creek Watershed District which has adopted the MIDS17.3 COMPLETE @ 2 STARS -- streets are being narrowed as appropriate: for streets less than 50 feet ROW, the required width can be 18 feet.17.4 COMPLETE @ 2 STARS –all fees to system; land use use step charges17.5 COMPLETE @ 1 STAR – residents can request boulevard rain gardens as part of local street reconstruction projects17.6 this action was removed from the GreenStep program because erosion and sediment control are required by state law  |
| 18. Parks & Trails any three actions | **YES** | 18.1 COMPLETE @ 2 STARS – 2017 20-year Parks Master Plan: removed Welcome Ave. that bisected park, replaced with sidewalk; park pedestrian connection between Douglas Drive and Bass Lake Road18.3 COMPLETE @ 1 STAR – 11 acres/1000 residents18.8 COMPLETE @ 1 STAR -- Adopt a Park & Adopt a Rain Garden programs |
| 19. Surface Water if state public water: 4; and one additional actionif no state water: any one action | **YES** | 19.2 COMPLETE @ 1 STAR -- Crystal is a member of the Bassett Creek and Shingle Creek Water Management Organizations 19.3 COMPLETE @ 1 STAR – WD/MWO measure/publish surface water improvement targets on their websites (linked to on the City's website)19.4 COMPLETE @ 2 STARS --  2017 shoreland overlay district 19.6 COMPLETE @ 1 STAR – WMO review of TMDL progress  |
| 20. Water / Wastewater 1 & 2; and one additional | **YES** | 20.1 COMPLETE @ 1 STAR – Crystal was a pilot for automatic energy reporting for city facilities 20.2 COMPLETE @ 1 STAR20.3 COMPLETE @ 1 STAR – I&I part of capital and maintenance plans20.7 COMPLETE @ 2 STARS-- 2018 utility rate study: changed billing for water and sanitary sewer usage to a consumption basis, in part, to encourage wise use of water |
| 21. Septics any one action |  |  |
| 22. Solid Waste 1 or 2; & one from 4-8 | **NO** | 22.4 COMPLETE @ 1 STAR -- Hennepin Recycling Group (3 cities) does annual collection of products not suitable for weekly garbage collection as well as an every other week curbside collection of such goods  |
| 23. Local Air Quality any two actions | **NO** | 23.2 COMPLETE @ 1 STAR**YES** |
|  **ECON & COMM DVLP: 3 BPs required; are 3 done?** |
| **24. Benchmarks & Involvement** **Actions 1 & 2** | **YES** | 24.1 COMPLETE @ 1 STAR -- Crystal Environmental Quality Commission24.2 COMPLETE @ 1 STAR – EQC will post annual reports to the City Council on their web page |
| **25. Green Businesses** **any two actions** | **YES** | 25.2 COMPLETE @ 1 STAR25.5 COMPLETE @ 1 STAR |
| 26. Renewable Energy any two actions | **NO** | 26.5 COMPLETE @ 1 STAR -- solar panels on city hall, pool building and community center |
| 27. Local Food any one action | **YES** | 27.2 COMPLETE @ 1 STAR -- Chickens permitted, Beekeeping not prohibited27.3 COMPLETE @ 2 STARS |
| 28. Business Synergies action 2, 3 or 4 |  |  |
| **29. Climate Adaptation** **action 1**  | **YES** | 29.1 COMPLETE @ 2 STARS – 2016 Hazard Mitigation Plan: City Manager is Emergency Manger; city website and social media to do alerts, reach community members 29.2 COMPLETE @ 1 STEP -- Emergency Operations Plan with West Metro Fire-Rescue includes risk assessment of the community, established a congregate care facility (the Crystal Community Center) and communications plan |