**2020 Category A City: APPLE VALLEY**

Currently a **Step Three** GreenStep City as of June 2015

- joined June 2011 -

***Assessor and date****: Philipp Muessig, 3/11/20*

**19**

***Total BPs done out of 16***

|  |  |  |
| --- | --- | --- |
| Best practices (**required**) BP implemented? Action summary by # and star level achieved  Action rules (req. in **bold**) Distribution requirement met?  **YES** | | |
| **BUILDINGS: 2 BPs required; are 2 BPs done?** | | |
| **1. Public**  **1 & 2; & one action from 3-7** | **YES** | 1. COMPLETE @ 1 STAR – index ratio .84: very good building performance!  2. COMPLETE @ 1 STAR – have building improvements included no/low cost changes?  3. COMPLETE @ 1 STAR  5. COMPLETE @ 2 STARS |
| 2. Private  any two actions | **YES** | 1. COMPLETE @ 2 STARS – Better Energy Apple Valley very impressive!  4. COMPLETE @ 2 STARS  5. COMPLETE @ 1 STAR |
| 3. New  1 or 2; one from 3-5 | **NO** | 1. COMPLETE @ 2 STARS – two Green Globes certified city-owned buildings |
| 4. Lighting/Signals  2 actions with one from 5-8 | **YES** | 4. COMPLETE @ 3 STARS  8. COMPLETE @ 3 STARS |
| 5. Reuse: any one action |  | **YES** |
| **LAND USE: 2 BPs required; are 2 BPs done?** | | |
| **6. Comp Plan**  **1 & 2** | **YES** | 1. COMPLETE @ 1 STAR  2. COMPLETE @ 1 STAR  3. COMPLETE @ 1 STAR |
| 7. Density  any one action | **YES** | 1. COMPLETE @ 1 STAR  2. COMPLETE @ 1 STAR  3. COMPLETE @ 1 STAR  4. COMPLETE @ 1 STAR |
| 8. Mixed Uses  any two actions | **YES** | 2. COMPLETE @ 1 STAR  3. COMPLETE @ 1 STAR  7. COMPLETE @ 1 STAR – were the incentives in the Central Village area financial and/or regulatory? |
| 9. Highway Development  any one action | **YES** | 1. COMPLETE @ 1 STAR  3. COMPLETE @ 1 STAR |
| 10. Conservation Development  any one action | **YES** | 3. COMPLETE @ 1 STAR |
| **YES**  **TRANSPORTATION: 2 BPs required; are 2 BPs done?** | | |
| **11. Complete Green Streets**  **action 1; & two additional actions** | **YES** | 11.1 COMPLETE @ 1 STAR – comp plan intention on “great streets” to include sidewalks, landscaping, safety, encouraging travel by bicycles and pedestrians, enhances land use and quality of life and identity  3. COMPLETE @ 1 STAR  6. COMPLETE @ 1 STAR |
| **12. Mobility Options**  **any two actions** | **YES** | 1. COMPLETE @ 2 STARS  6. COMPLETE @ 3 STARS – first BRT in MN coming end of 2012! |
| 13. Fleets  any two actions | **YES** | 2. COMPLETE @ 1 STAR  3. COMPLETE @ 1 STAR |
| 14. TOD / TDM  any two actions |  | **YES** |
| **ENVIRON MGT: 4 BPs required; are 4 done?** | | |
| **15. Purchasing**  **1; and one additional action** | **YES** | 1. COMPLETE @ 1 STAR  15.2 COMPLETE @ 1 STAR – geothermal & daylighting for muni liquor  15.3 COMPLETE @ 1 STAR  15.4 COMPLETE @ 1 STAR  15.5 COMPLETE @ 1 STAR |
| **16. Trees**  **any two actions** | **YES** | 1. COMPLETE @ 1 STAR  4. COMPLETE @ 1 STAR  5. COMPLETE @ 1 STARS |
| **17. Stormwater**  **any one action** | **YES** | 5. COMPLETE @ 1 STAR  6. COMPLETE @ 1 STAR |
| 18. Parks & Trails  any three actions | **YES** | 2. COMPLETE @ 1 STAR  3. COMPLETE @ 3 STARS  8. COMPLETE @ 1 STAR |
| 19. Surface Water  if state public water: 4; and one additional action  if no state water: any one action | **NO** | 4. COMPLETE @ 1 STAR  -- I am assuming there are DNR-designated waters in Apple Valley |
| 20. Water / Wastewater  1 & 2; and one additional | **NO** | 2. COMPLETE @ 1 STAR  4. COMPLETE @ 3 STARS – backwash optimization |
| 21. Septics  any one action | **YES** | 1. COMPLETE @ 1 STAR  3. COMPLETE @ 1 STAR |
| 22. Solid Waste  1 or 2; & one from 4-8 | **NO** | 3. COMPLETE @ 2 STARS  4. COMPLETE @ 1 STAR |
| 23. Local Air Quality  any two actions | **NO** | 2. COMPLETE @ 1 STAR  **YES** |
| **ECON & COMM DVLP: 3 BPs required; are 3 done?** | | |
| **24. Benchmarks & Involvement**  **1 & 2** | **YES** | 24.1 COMPLETE @ 1 STAR – employee green team  24.2 COMPLETE @ 2 STARS -- outcomes from better energy, water (storm, ground, waste, drinking); annual state of the city address  4. COMPLETE @ 2 STARS – Through the better energy Apple Valley campaign: over 2 years 793 homeowners at workshops, 98% completed audits, 16,680 CFLs, 759 low-flow shower heads, 1,491 low-flow aerators installed; 149 homes completed major upgrades (attic insulation, furnace, water heaters); $437,000 lifetime savings. Since 2007, Apple Valley businesses have worked with Dakota Electric and Center Point Energy on over 100 efficiency projects and cut their annual energy bills by over $285,000. |
| **25. Green Businesses**  **any two actions** | **YES** | 4. COMPLETE @ 1 STAR  6. COMPLETE @ 1 STAR – ARROW program |
| 26. Renewable Energy: any 2 act. |  |  |
| 27. Local Food: any 1 action | **YES** | 3. COMPLETE @ 2 STARS |
| 28. Business Synergies: 2,3,or 4 |  |  |

**APPLE VALLEY** – notable actions

* **First BRT** (bus rapid transit) system in MN.
* **Longstanding recognition of business** waste reduction via the ARROW program
* **Apple Valley businesses cut over $285,000/yr.** in energy bills since 2007, working with Dakota Electric and Center Point Energy on over 100 efficiency projects promoted by the city’s Better Energy Apple Valley effort
* **Better Energy Apple Valley 2-yr. campaign: $437,000 lifetime savings**; 793 homeowners attended workshops, 98% completed audits, installing 16,680 CFLs, 759 low-flow shower heads, 1,491 low-flow aerators; 149 homes completed major upgrades (attic insulation, furnace, water heaters)