

APPENDIX I

Catalog of Recommended Actions by Type

Action Acronyms

Enhance Mobility of all Transportation Modes **(EM)**
Sustainable Community Design **(SC)**
Water Conservation and Technology **(WC)**
Protect Air Resources **(AR)**
Waste Reduction **(WR)**
Increase the Use of Renewable Energy Resources **(RE)**
Building Energy Conservation **(BE)**
Public Outreach and Involvement **(PO)**

Numbering Format of Action Items

The numbering format of actions references an action's goal and strategy. For example, Action 4.3.1 is known as Action 1 of Strategy 3 of Goal 4.

Types of Action Items

Permit Tools

- New Codes
- New Standards
- New Guidelines and Policies
- New/Adjusted Fee Program
- Encourage/Incentives
- Use of Existing Review Tools

Infrastructure

- Plan
- Consider/Explore
- Construct

Public Services/Programs

- Plan/Develop
- Explore/Encourage
- Enhance Existing Efforts

Bolded Action Items

Bolded action items are those that are part of a formally adopted plan, such as the *Merced Vision 2030 General Plan* (Including the Housing Element), and the *2010 Urban Water Management Plan*. By state law, the City is required to abide by its own General Plan, unless amended through a public hearing process.

State Mandates

These action items can be: 1) direct requirements or; 2) directly responsive. For example, a "direct requirement" refers directly to either the law or codes provided by the state, such as the CAL Green Code, or requirement for commercial recycling. "Responsive" actions are those that seek to meet a broader state mandate. For example, the CAP includes many water conservation "responsive" actions that seek to meet the broader state mandate of reducing per capita water consumption by 20% by 2020. While this is the mandate, the actions are simply a response to that, and are not themselves individual mandates. The City has flexibility in selecting these "responsive" actions.

PERMIT TOOLS

New Codes

SC 2.1.3 (Encouragement to Develop Infill Sites)

SC 2.1.6 (Multi-Family Increased Density)

SC 2.2.5 (Create a work-live ordinance)

SC 2.2.6 (Codify Village Core Land Uses)

SC 2.2.7 (Create Business Park Zone)

SC 2.2.8 (Create Mixed Use Industrial Zone)

RE 6.1.7 (Adopt code allowances for renewable energy generators)

RE 6.1.11 (Peaker Plant Regulation)

BE 7.2.4 (Energy Efficiency Performance Code)

STATE MANDATE

New & Clarified Standards

EM 1.3.9 (Update City Design Standards)

EM 1.4.5 (Redeveloped Pedestrian Environs)

SC 2.4.1 (Gateway Design Standards in County and City)

AR 4.2.5 (Establish City Design Standards for traffic roundabout)

BE 7.2.3 (Update the City's Public Infrastructure Design Standards)

New Guidelines and Policies

EM 1.1.1 (Mobility Design Guidelines)

EM 1.1.2 (Mobility Design Guidelines)

SC 2.2.9 (Bellevue Corridor Community Plan)

SC 2.3.2 (Infrastructure Encouragement Zones)

AR 4.1.3 (Implement "Complete Streets" policies)

BE 7.5.2 (Urban Heat Island)

PO 8.3.3 (Development of the Sustainable Community Strategy)

STATE MANDATE

STATE MANDATE

New/Adjusted Fee Programs

SC 2.3.1 (Maintain Reduced "Infill" fees)

WC 3.1.6 (Consider a tiered water rate structure)

STATE MANDATE

Support/Facilitate/Encourage/Incentives

EM 1.3.7 (Encourage Destination Amenities)

SC 2.1.7 (Identify and Encourage Dev. of Vacant Infill Sites)

SC 2.1.6 (Identify Suitable Multi-family Development Sites)

SC 2.1.2 (Encourage Cleanup/Development of Brownfields)

STATE MANDATE

SC 2.1.1 (Focus Development Downtown)

SC 2.2.1 (Encourage Mixed Use Developments)

SC 2.2.2 (Create Neighborhood Activity nodes)

SC 2.2.3 (Expand Employment Base)

SC 2.3.3 (Encourage High-Performance Designs)

SC 2.4.3 (Support Commercial Design Improvement Projects)

SC 2.4.4 (Support Downtown Beautification Efforts)

RE 6.1.1 (Encourage installation of solar energy systems)

RE 6.1.2 (Implement solar hot water & space heating program)

RE 6.1.3 (Encourage on-site renewable energy systems)

RE 6.1.4 (Incentivize siting of solar hot water systems for new pools)

RE 6.1.8 (Community financing of renewable systems)

BE 7.2.2 (Promote enhanced energy conservation standards)

BE 7.3.6 (Encourage energy audits at time of remodels)

BE 7.4.1 (Implement a “Green Building” Incentive Program)

Use of Existing Review Tools

SC 2.1.4 (Limit Rural Residential Expansions)

SC 2.4.2 (Expand program to underground utilities)

WC 3.1.1 (Enforce existing water shortage regulations)

WR 5.1.6 (Implement Green Code)

BE 7.2.1 (Implement the minimum CALGreen standards)

BE 7.5.4 (Open Space/Protect and Conserve Tree-Cover Areas)

BE 7.5.5 (Maintain Tree Cover)

PO 8.1.8 (Support San Joaquin Valley Blueprint)

PO 8.3.4 (Revitalized Urban Villages)

STATE MANDATE

INFRASTRUCTURE

Plan

EM 1.2.2 (Mobility Access at Transit Stations)

EM 1.3.1 (Trails along Urban Streams)

EM 1.3.6 (Plan Updates)

EM 1.4.4 (Open Space/Green Streets)

AR 4.1.4 (Enable Transfer Between Mobility Options)

AR 4.2.4 (Reduce Idling)

Consider/Explore

EM 1.3.8 (Expanded Bike Realm in Streets)

EM 1.4.1 (Pedestrian Master Plan)

WC 3.2.5 (Explore use of MID surface water for other than Ag)

WC 3.2.6 (Consider Use of Reclaimed Water)

- WC 3.2.8 (Consider upgrades to energy efficiency of water systems)
- WC 3.3.2 (Convert industrial & irrigation demands to recycled H₂O)
- BE 7.1.2 (Title 24 Enhanced for City Buildings)
- BE 7.1.3 (Renewable energy systems on City-owned facilities)
- AR 4.1.8 (Narrow Streets for reduced speeds and traffic)
- AR 4.2.1 (Expand Green Fleet)**
- AR 4.2.8 (Explore Neighborhood Electric Vehicle Network)
- AR 4.2.9 (Explore methods to reduce heavy duty diesel emissions)
- RE 6.1.11 (Consider methods to discourage *Peaker Plants*)

Construct

- EM 1.2.1 (M / Bellevue Transitway)**
- EM 1.3.2 (Coordination with Merced County Facilities)**
- EM 1.3.3 (South Merced Facilities)**
- EM 1.3.4 (20 miles of bike lanes)
- EM 1.3.5 (Continuous Bike Connections with Land Uses)
- EM 1.4.3 (Shared Streets)
- WC 3.2.3 (Reach a long-water term transfer agreement with MID)**
- WC 3.2.7 (Increase water storage capacity)
- AR 4.1.2 (Encourage development of communication infrastructure)**
- AR 4.1.6 (Complete network of bicycle and pedestrian routes)**
- AR 4.1.9 (Park and Ride Lots)
- AR 4.2.3 (Signal Timing)
- RE 6.1.5 (Install methane-powered electric generators at WWTP)
- BE 7.1.1 (Complete Phase I of the City Energy Retrofit Project)
- BE 7.1.6 (Energy efficiency upgrade when replacing equipment)
- BE 7.1.7 (Lighten colors of rooftops and street paving)

Public Services and Programs

Plan/Develop

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|---|---------------|
| SC 2.1.5 (Work to annex Rural Residential Areas) | |
| SC 2.1.6 (Identify Suitable Multi-family Development Sites) | STATE MANDATE |
| SC 2.2.4 (Industrial Workforce Housing Nexus study) | |
| SC 2.4.2 (Expand program to underground utilities) | |
| SC 2.4.5 (Revitalize Existing Urban Villages) | |
| WC.3.1.4 (Implement voluntary Washing Machine Rebate Prgm) | STATE MANDATE |
| WC.3.1.5 (Implement voluntary Conservation Program) | STATE MANDATE |
| WC.3.1.7 (Implement voluntary-Low-Flush Toilet Program) | STATE MANDATE |
| WC.3.1.8 (Implement the <i>Large Landscape Conservation Program</i>) | STATE MANDATE |
| WC.3.1.2 (Implement voluntary residential water audit program) | STATE MANDATE |
| WC 3.2.1 (Pursue Demand-Reduction programs for potable water) | |
| WC.3.2.2 (Perform a <i>System Water Audit</i>) | STATE MANDATE |

- WR 5.1.3 (Develop a volunteer “Master Recycler” program)
- WR 5.1.4 (Establish a Business and Resident reuse campaign)
- WR 5.1.5 (Implement State Commercial recycling requirements)
- WR 5.1.7 (Provide recycling opportunities at special events)
- WR 5.1.8 (Form waste-reduction programs w/schools and businesses)
- WR 5.1.9 (Develop and implement a waste audit program)
- WR 5.1.11 (Consider program to evaluate major waste generators)
- WR 5.1.12 (Waste Diversion and Recycling Programs)
- RE 6.1.9 (Establish AB 811 energy financing districts)
- BE 7.1.5 (Energy efficient standard procurement policy)
- BE 7.3.1 (Assessment district bond financing program)

STATE MANDATE

BE 7.3.4 (Low/moderate income family weatherization program)

STATE MANDATE

- BE 7.3.7 (Explore financing tool for residential energy retrofits)
- BE 7.3.9 (Residential Rental energy efficiency strategies)
- BE 7.4.2 (Free Resource and Energy Business Evaluation)
- BE 7.4.3 (Energy efficiency rebate programs)
- BE 7.4.4 (Establish PACE (AB 811) program)
- BE 7.4.5 (Revolving loan fund for industrial Energy Projects)
- BE 7.5.3 (Merced Tree Planting Initiative)

PO 8.1.3 (Coordinate waste reduction efforts with State)

PO 8.1.4 (Implement an Energy Program Website)

- PO 8.1.5 (DoRight Leadership Corps)
- PO 8.1.7 (Cool Roofs and Pavement Campaign)
- PO 8.2.1 (Create a Green Business Challenge)
- PO 8.2.2 (Encourage efforts of REACON team)
- PO 8.2.4 (Green Business Program)
- PO 8.3.2 (Community-Climate Action Challenge Program)

Consider/Explore/Encourage

EM 1.2.4 (Transit Connection between jobs and housing)

- WC 3.3.1 (Landscape audits for large commercial customers)
- AR 4.1.7 (Local car-share program)

AR 4.1.10 (Encourage Community Based Farms and gardens)

- AR 4.2.6 (Purchase fuel efficient vehicles / alternative fuel vehicles)
- AR 4.3.1 (Participate in the Clean Green Yard Machine Program)

WR 5.1.1 (Reuse Construction Materials)

- WR 5.1.10 (Consider establishing recycling incentives)
- WR 5.1.13 (Consider implementing food waste segregation)
- RE 6.1.6 (Enable B20 Biodiesel to fuel City Fleet)
- RE 6.1.10 (Revolving loan fund for renewable energy)
- RE 6.1.12 (Geothermal and grey-water plumbing options)
- BE 7.1.4 (Day time Janitorial Service)
- BE 7.3.5 (Promote point-of-sale energy audits and retrofits)
- BE 7.3.8 (Promote Energy Upgrade California)

PO 8.1.1 (Form Partnership with local energy utilities)

Enhance Existing Efforts

EM 1.2.3 (Downtown Mobility Connections)

EM 1.4.2 (Bike, Pedestrian)

WC.3.1.3 (Enhance Residential Retrofit Program)

WC.3.1.9 (Enhance the existing *Water Metering Program*)

WC.3.2.4 (Preserve and enhance MID surface water system)

AR 4.1.1 (Support employer-based trip reduction programs)

AR 4.1.5 (Increasing Use of Ridesharing)

AR 4.2.2 (Adopt a City-fleet fuel-efficiency standard)

AR 4.2.7 (Retire or sell old and underutilized vehicles)

WR 5.1.2 (Locate a recycling / hazardous-waste facility)

BE 7.1.8 (Recover food waste)

BE 7.3.2 (Public Information on Energy Conservation)

BE 7.3.3 (Low-income homeowners and renters energy audits)

BE 7.5.1 (Community Planting Program)

PO 8.1.2 (Coordinate Bike Plan Efforts with County and UCM)

PO 8.1.6 (Work with Community Action Agency weatherization)

PO 8.2.3 (Partnerships with area employers)

PO 8.3.1 (LEED Neighborhood Planning)

STATE MANDATE

STATE MANDATE

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