

## Working Matrix of Policies and Actions for the Public Facilities & Infrastructure Chapter (February 2016)

Reader guides are included to help indicate how proposed policies relate to those in the 2000 General Plan:

- Policies without bold or italic emphasis are unchanged from those in the 2000 General Plan.
- Policies in *italics* have been updated or revised.
- Policies in **bold** are new.

Draft Infrastructure Policies & Actions	Rationale for Proposed Policy	Possible Actions or Additional Policies
<b>Water Supply Policy</b>		
(a) <i>Implement long-range planning to guide expansion, improvement, rehabilitation of water systems, and rate structures.</i>	Updates 2000 GP policy to acknowledge that water planning includes private systems.	
(b) <i>Water service area boundaries and criteria should support population growth projections and land use designations in the General Plan.</i>	Re-works 2000 GP implementing action 7.4.5(b) into a policy to reduce redundancy and connect to the implementing action 7.4.5(b).	
(c) Support compact development by giving priority to water supply improvements for existing and planned Urban Center, Residential Community, and Resort areas, while also supporting development in already-established Agricultural Communities.	Unchanged from 2000 GP policy, and to be revisited once the draft Land Use Map is available.	
(d) <b>Encourage water conservation and re-use of non-potable water.</b>	Conservation and re-use are new concepts to the GP.	
<b>Water Supply Implementing Actions</b>		
(a) <i>Develop and update long-range water system plans to guide decisions on the Capital Improvement Program, improvement financing, and water rates.</i>	Updates 2000 GP policy to remove reference to responsible agency (will be addressed elsewhere)	
<b>Wastewater Treatment Policy</b>		
(a) <i>Implement a coordinated wastewater collection, treatment and disposal system that safeguards public health, potable water supplies, and the quality of stream and ocean waters.</i>	Updates 2000 GP policy to acknowledge and include individual wastewater systems.	
(b) <i>Extend the use of sewers and package treatment plants to areas that support population growth.</i>	Re-words the 2000 GP policy to direct priorities toward growth areas (rather than only mentioning facility plans)	
(c) <i>Divert wastewater from treatment facilities using green infrastructure and reuse treated wastewater.</i>	Updates the 2000 GP policy to streamline the text, reference green infrastructure,	

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	and to allow for treated wastewater to be used for things other than irrigation.	
<b>Wastewater Treatment Implementing Actions</b>		
<i>(a) Prepare a long-range wastewater plan and update it regularly.</i>	Minor changes to streamline the text of the 2000 GP policy.	
<i>(b) Prepare and update facility master plans, as needed.</i>	Minor changes to streamline the text of the 2000 GP policy.	
<i>(c) Institute new methods for diverting and reusing wastewater.</i>	Updates the 2000 GP policy by adding diversion as an option in addition to reuse. Streamlines the text.	
<b>Solid Waste Policy</b>		
<i>(a) Implement an island-wide system of solid waste collection, reuse, recycling and disposal that (1) is environmentally sound; (2) is cost-effective; (3) increases diversion of waste from the island's landfill(s); (4) provides for the timely and orderly expansion of solid waste facilities, as necessary; (5) employs entrepreneurial principles; and (6) supports market-oriented innovations and initiatives that utilize and reduce the waste stream.</i>	Updates the 2000 GP policy to include additional key principles mentioned in the 2000 GP, specifically: entrepreneurial principles, and innovations and initiatives to utilize and reduce the waste stream.	
<i>(b) Through a multi-faceted program of education, management measures, and financial incentives, the County shall support and stimulate Kaua'i businesses and residents to reduce their solid waste generation and increase the reuse and recycling of materials.</i>	Unchanged from 2000 GP policy, as it remains relevant today.	
<b>Solid Waste Implementing Actions</b>		
<i>(a) Prepare a long-range Solid Waste Integrated Management Plan, to be adopted by the County Council and updated every five years. The SWMP shall set policies to guide solid waste programs, facility planning, capital improvements, operations, user fees, and financing.</i>	Unchanged from 2000 GP policy, as it remains relevant today.	
<i>(b) Increase the effectiveness of the County's solid waste system by maximizing the convenience of reuse and recycling centers for users.</i>	Unchanged from 2000 GP policy, as it remains relevant today.	

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<b>Police &amp; Fire Safety Policy</b>		
<i>(a) Develop additional facilities and programs to support population growth projections and land use designations in the General Plan.</i>	Updates 2000 GP policy to add emphasis that links facility/functional planning with the GP's efforts to direct growth.	
<i>(b) Maintain or improve 2015 levels of service island-wide.</i>	Updates 2000 GP policy to emphasize level of service, rather than evaluation, which is already required by Charter.	
<b>Police &amp; Fire Safety Implementing Actions</b>		
<i>(a) Kaua'i Water Use and Development Plan updates should account for fire flow requirements.</i>	Streamlines 2000 GP text to remove language already referenced in the policy section.	
<i>(b) Develop a long-range, phased facilities plan to maintain or improve the existing level of service island-wide.</i>	Minor changes to streamline 2000 GP text.	
<b>Education Policy</b>		
<i>(a) Approve new residential developments only after the State DOE certifies that adequate school facilities, either at existing schools or at new school sites, will be available when the development is completed.</i>	Updates 2000 text to rephrase it as an action rather than a policy.	
<i>(b) Design school facilities to facilitate community use during non-school hours and weekends.</i>	Minor changes to streamline text.	
<i>(c) Design and construct school buildings so that these facilities also serve as emergency shelters.</i>	Updates 2000 GP text to streamline and broaden use of shelters beyond only hurricanes.	

Notes:

- This draft is based on the contents of the Infrastructure Assessment and corresponding policies and actions in the 2000 GP. The proposed Public Facilities & Infrastructure Chapter includes topics not covered in the Infrastructure Assessment, including drainage (currently addressed in the Natural/Cultural Resources Chapter), hazard mitigation response, and social services.
- Certain topics - parks, neighborhood centers, libraries, energy, and telecommunication - are not included below because they will appear in other sections of the GP.