

City and County of Honolulu Integrated Plan City Council Energy, Environment & Sustainability Committee Meeting



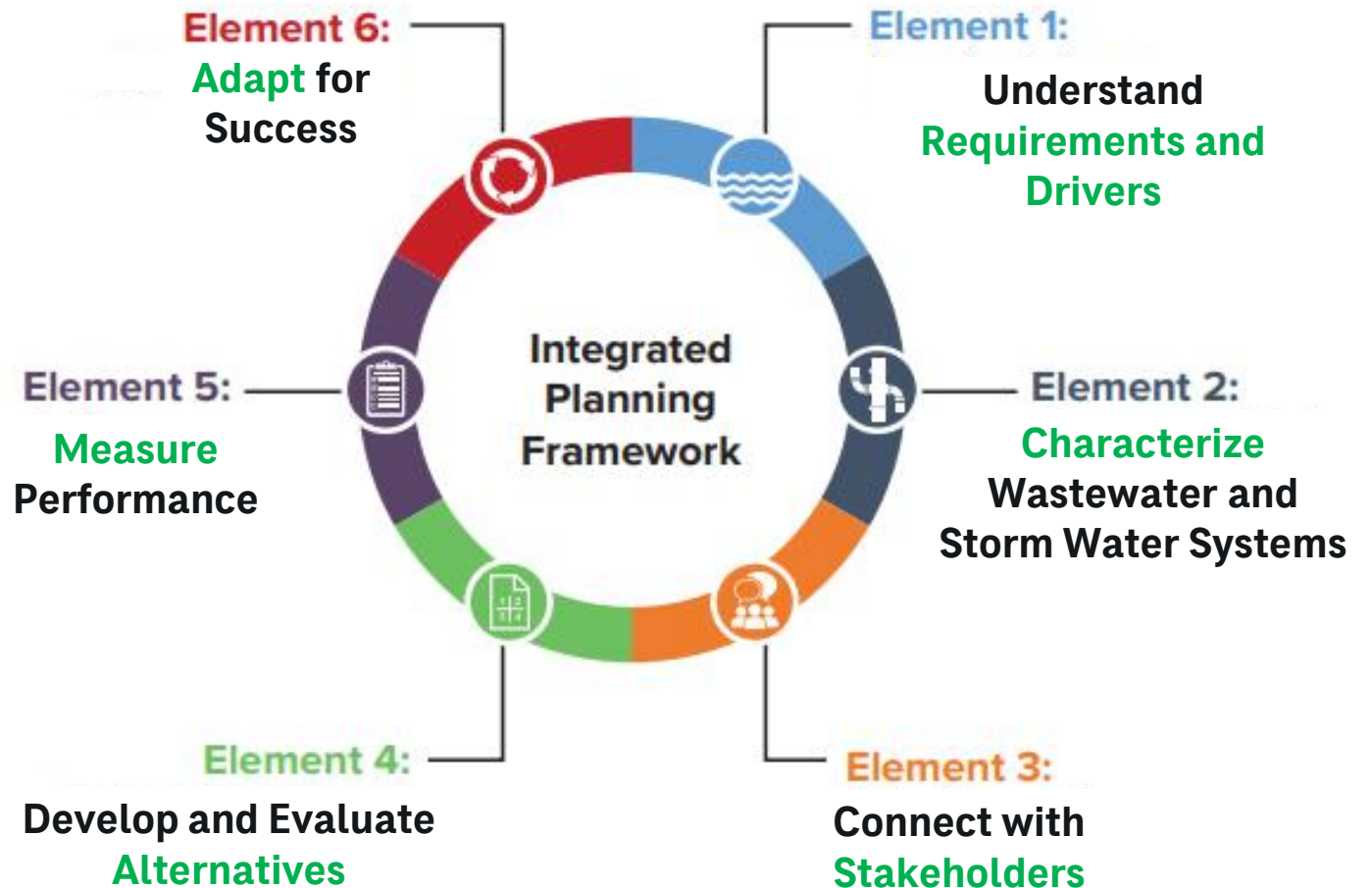
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EPA Integrated Planning

- Recognizes burden on communities from compliance with multiple Clean Water Act (CWA) requirements (WW+SW)
- Offers flexibility in timing and prioritization of CWA requirements
- Provides a long-term strategy for improved water quality while addressing community and economic concerns



- Desire to ensure that investments are addressing the community's highest priority water quality concerns first
- Maintaining affordable rates for customers while making investments to meet CWA regulations and maintain/upgrade infrastructure
- Seeking opportunities to collaborate in spirit of One Water

Beach closures

Urban runoff

Green space

Water quality

Supply reliability

Cultural practices

Climate adaptation

Flooding

Cesspools

Construction disruptions

Environmental justice

Sustainable growth

Opportunities Provided by Integrated Planning

Process:

-  Community input on priorities
-  Stakeholder involvement in definition of project evaluation criteria and sequencing
-  Project resequencing and development of spending schedule

Key Goals:

-  Greater benefits to water quality and community priorities sooner
-  Improved affordability to CCH rate payers
-  Clean Water Act regulatory compliance and adaptability for future regulations
-  Improve relations with customers, the community, and regulators – understanding of common goals and costs to achieve them

ENV Regulatory Pressures

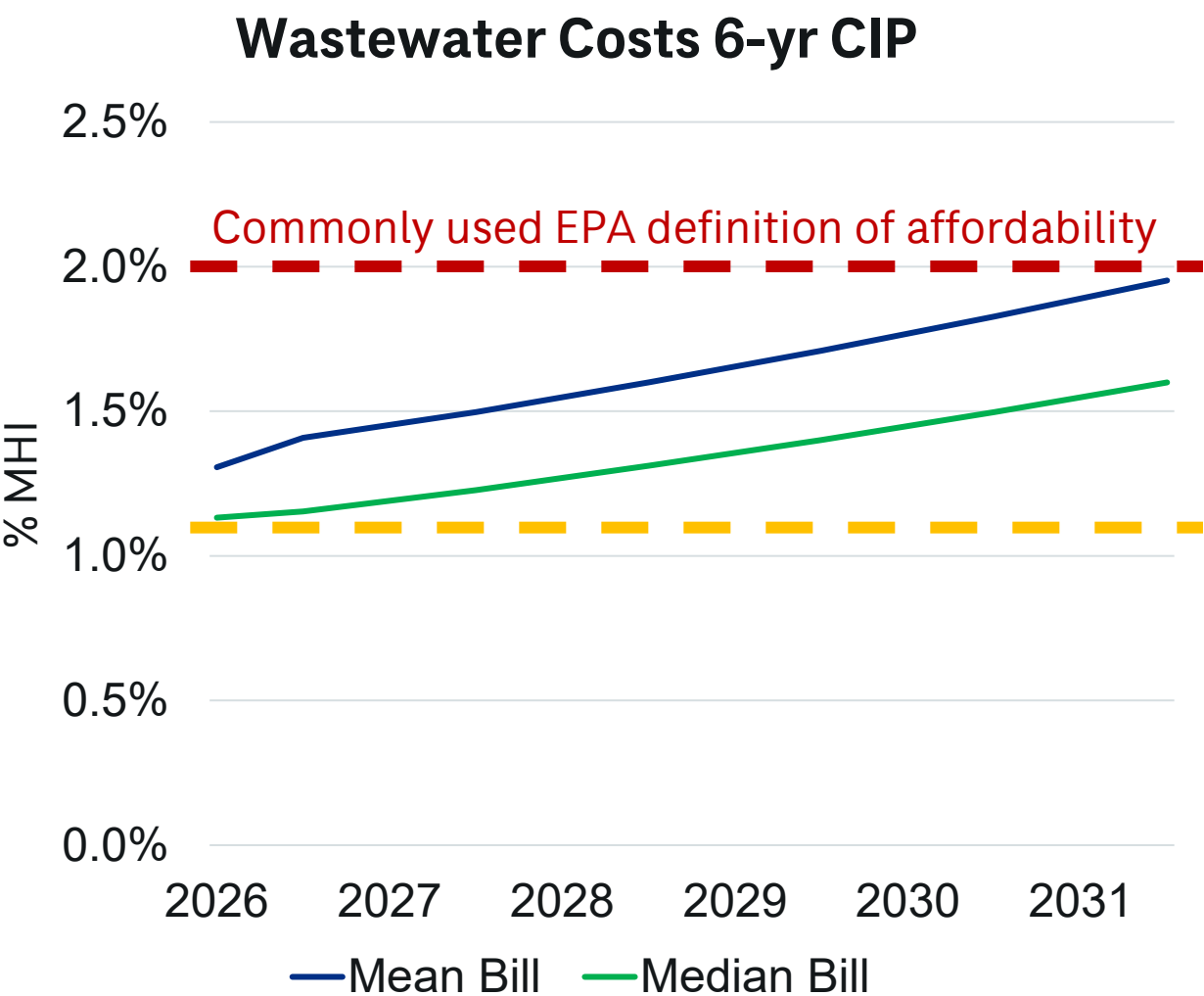
- 2010 Consent Decree:
 - Secondary treatment at Honouliuli - *complete*
 - Secondary treatment at Sand Island - *on schedule for 2035*
- Administrative Order on Consent Kailua
 - Disinfection - *complete*
 - Biotowers by 2027 - *on schedule*
- Known NPDES permit requirements
 - Dieldrin at Kailua by 2035 – *conducting advanced treatment studies – very costly*
- On-Going system investment
 - Inspect and rehabilitate collection system
 - Treatment maintenance
 - Facility maintenance
- Unknown future requirements
 - PFAS in discharge and biosolids
 - Underground injection control viability



SWQ Regulatory Pressures

- Waste Load Allocation reductions required for 8 streams
 - 2-3 constituents each
 - Seasonal or annual limits
- New stream and watershed Total Maximum Daily Load restrictions

Key Issues Facing City and County of Honolulu (CCH)



Storm Water

CCH completed a study in 2020 on the potential formation of a storm water utility for Oahu to fund enhanced storm water programs and infrastructure maintenance to protect streams and nearshore waters.

The effort was delayed in part due to concerns of affordability during the Covid-19 pandemic.



Schedule

- ✓ Feasibility Study 2025 - *completed*
- On-going stakeholder engagement
 - EPA
 - DOH
 - CCH Agencies Stakeholder Group
 - Public
 - City Council
- System characterization and needs development – by summer 2026
- Project identification, evaluation, and prioritization – by summer 2027
- Integrated Plan completion and acceptance - by end of 2027
- Implementation, monitoring, and adaptation – 2028 and beyond



Mahalo!