

Hazen



Integrated Water Resources Master Plan - Priority Setting

January 10, 2019

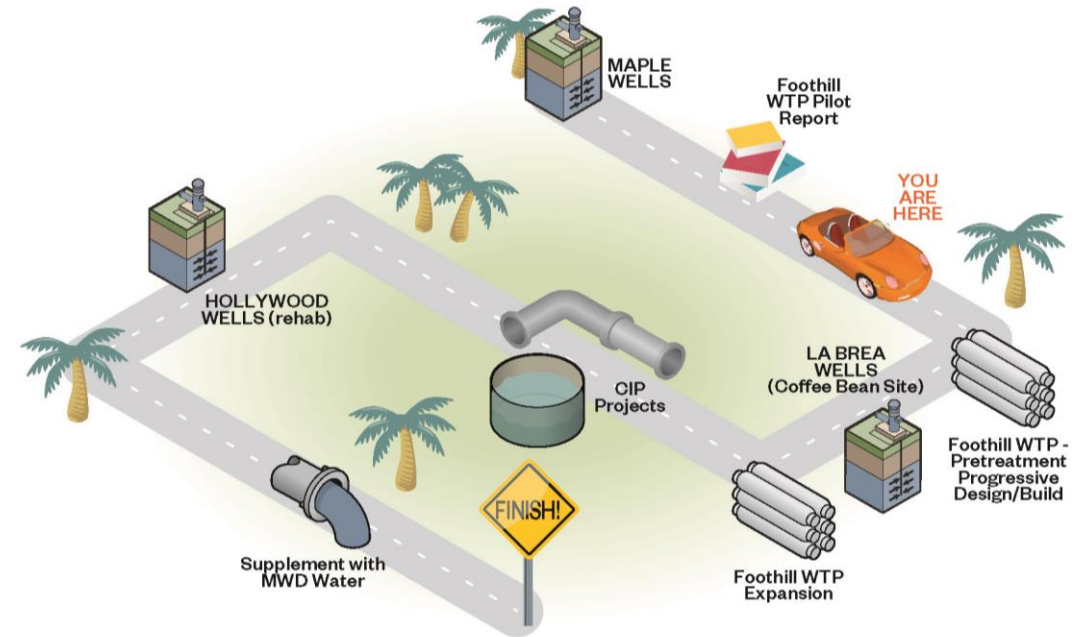


Presentation Purpose

- Introduce the Integrated Water Resources Master Plan (IWRMP)
- Establish Commission priorities

What is the IWRMP?

- Final authority on previous studies
- Actionable and achievable project plan (Capital Improvement Program)
- Roadmap for integrating all water portfolio components
- Addresses water, sewer, stormwater, non-potable water, and control (SCADA) systems



Establishing Policy Decisions to Drive IWRMP Priorities

<u>IWRMP Policy</u>	<u>Priority</u>
• Water Reliability	
• Water Quality	
• Water Efficiency	
• Leveraging Non-potable Systems (Sewer and Storm)	
• Addressing Aging Infrastructure	

Establishing Policy Decisions to Drive IWRMP Priorities

- Water Reliability

Balancing Supply Independence with Regional Partnering

Extent of Maximizing Groundwater Production

Developing Non-potable Sources

Expanding Emergency Storage

Establishing Policy Decisions to Drive IWRMP Priorities

- Water Quality

Water Treatment Plant Improvements

Balancing Additional Emergency Storage with Water Quality

Establishing Policy Decisions to Drive IWRMP Priorities

- Water Efficiency

Water Demand Projections (City and WeHo)

Water Loss Prevention (Leak/Break Prevention)

Operational Standardization of the Control System

Water Rates and Charges

Conservation

Establishing Policy Decisions to Drive IWRMP Priorities

- Leveraging Non-Potable Systems (Sewer and Storm)

Developing Non-Potable Water Resources
Regulatory Compliance

Establishing Policy Decisions to Drive IWRMP Priorities

- Addressing Aging Infrastructure

Pipeline Replacements

Pump Station Replacements and Upgrades

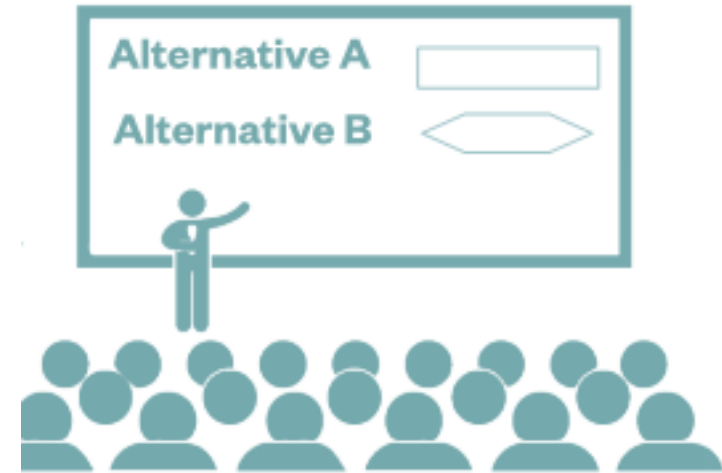
Storage Upgrades

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• Addressing Aging Infrastructure	

Key Component: Workshops

- Establishing goals, requirements, and preferences
- Evaluate the existing ideas, generate fresh ideas
- Presentation of alternatives
- Five (5) workshops anticipated



IWRMP Schedule

2019	Q1*	Q2	Q3	Q4
	<ul style="list-style-type: none">• Data Review• Workshops	<ul style="list-style-type: none">• Workshops• Hydraulic Modeling	<ul style="list-style-type: none">• Analysis	<ul style="list-style-type: none">• Report Writing• Draft #1
	Q1	Q2		
	<ul style="list-style-type: none">• Draft #2• Draft #3	<ul style="list-style-type: none">• Final Report		

*Commission updates provided at end of each quarter – Q1 update at April PWC meeting