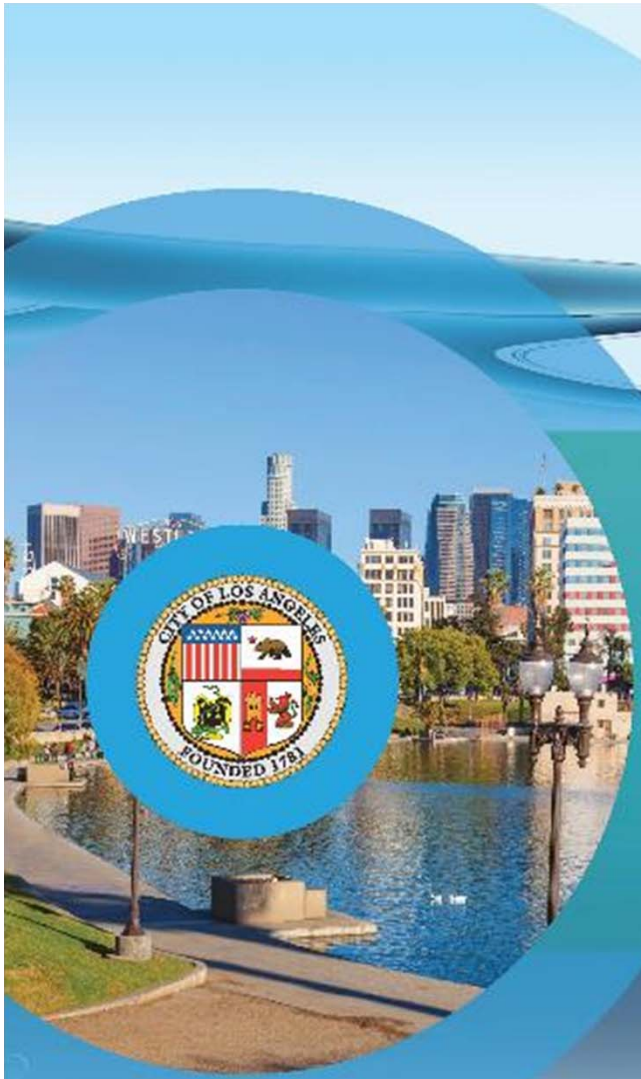


Stakeholder Informational Meeting

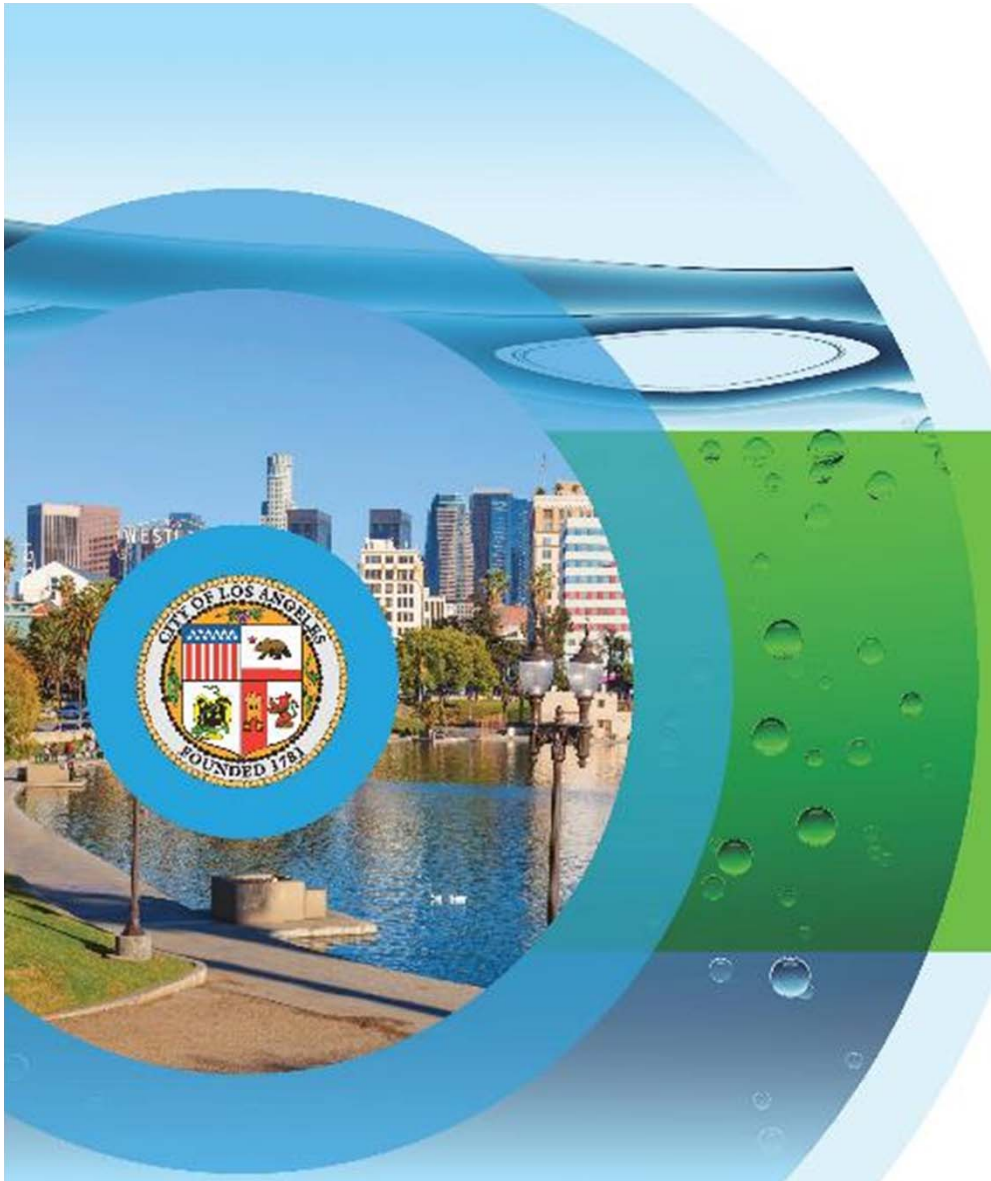
One Water LA Overview

February 16, 2017

Agenda

1.	Welcome, Introductions & General Updates	1:00 – 1:15 p.m.
2.	Purpose of One Water LA	1:15 – 1:25 p.m.
3.	Who's Involved: A Collaborative Effort	1:25 – 1:45 p.m.
4.	One Water LA 2040 Plan Elements	1:45 – 3:15 p.m.
5.	Next Steps & Upcoming Events	3:15 – 3:30 p.m.
	Meeting Close	3:30 p.m.

One Water LA .org

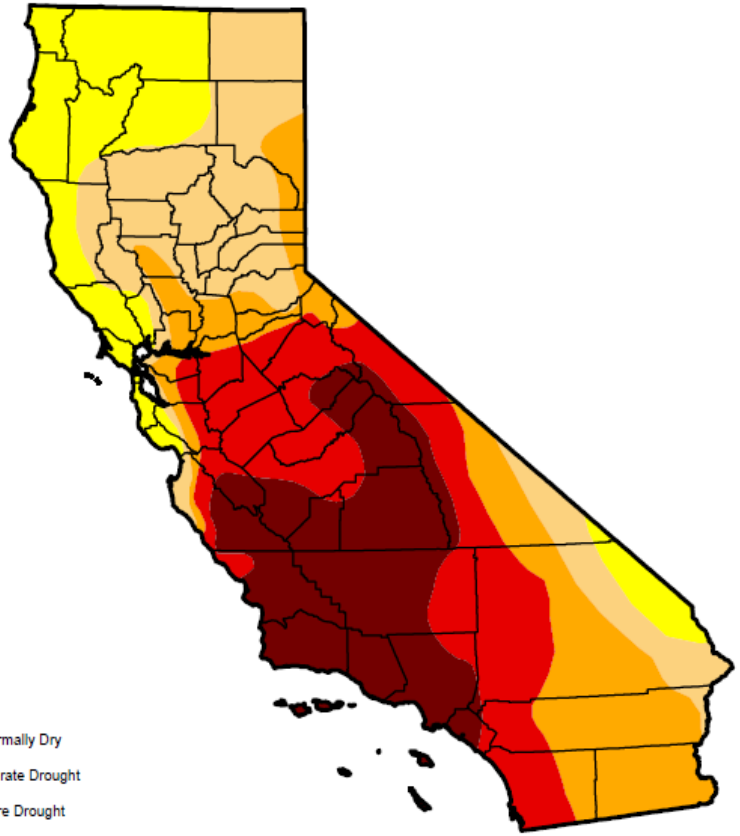


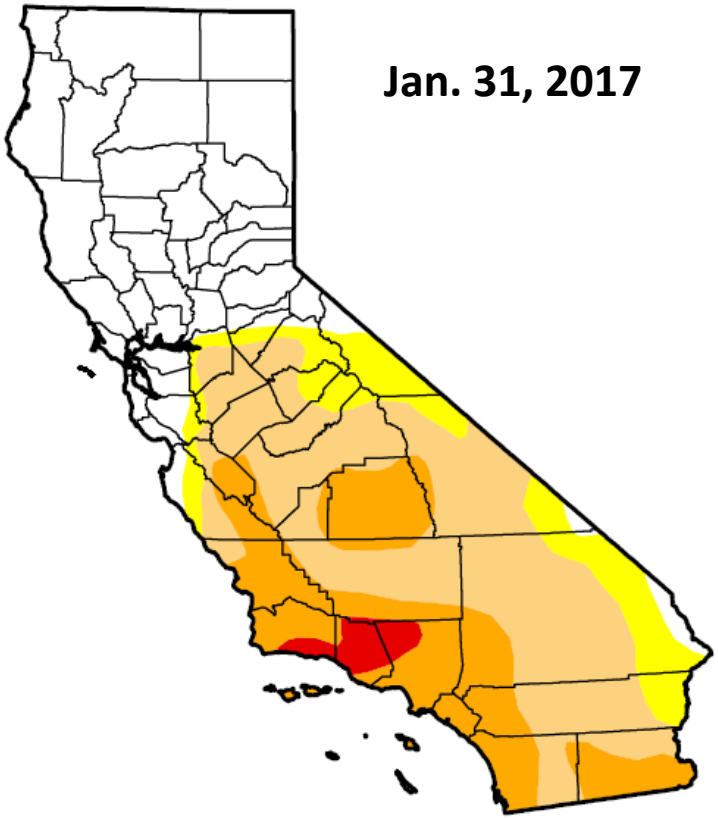
General Updates

Recent Storms and Drought Conditions

U.S. Drought Monitor

California





Jan. 31, 2017

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

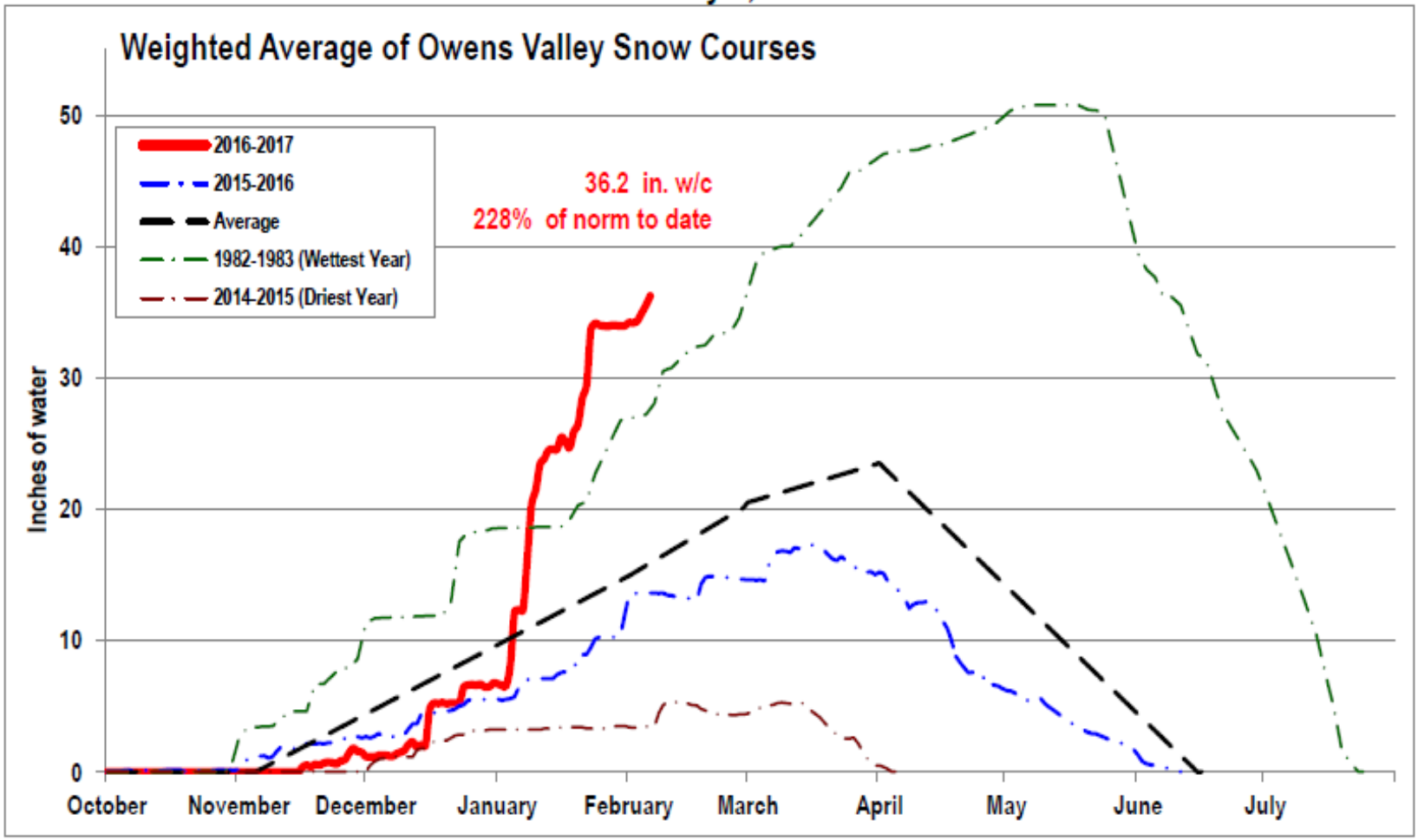
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

USDA

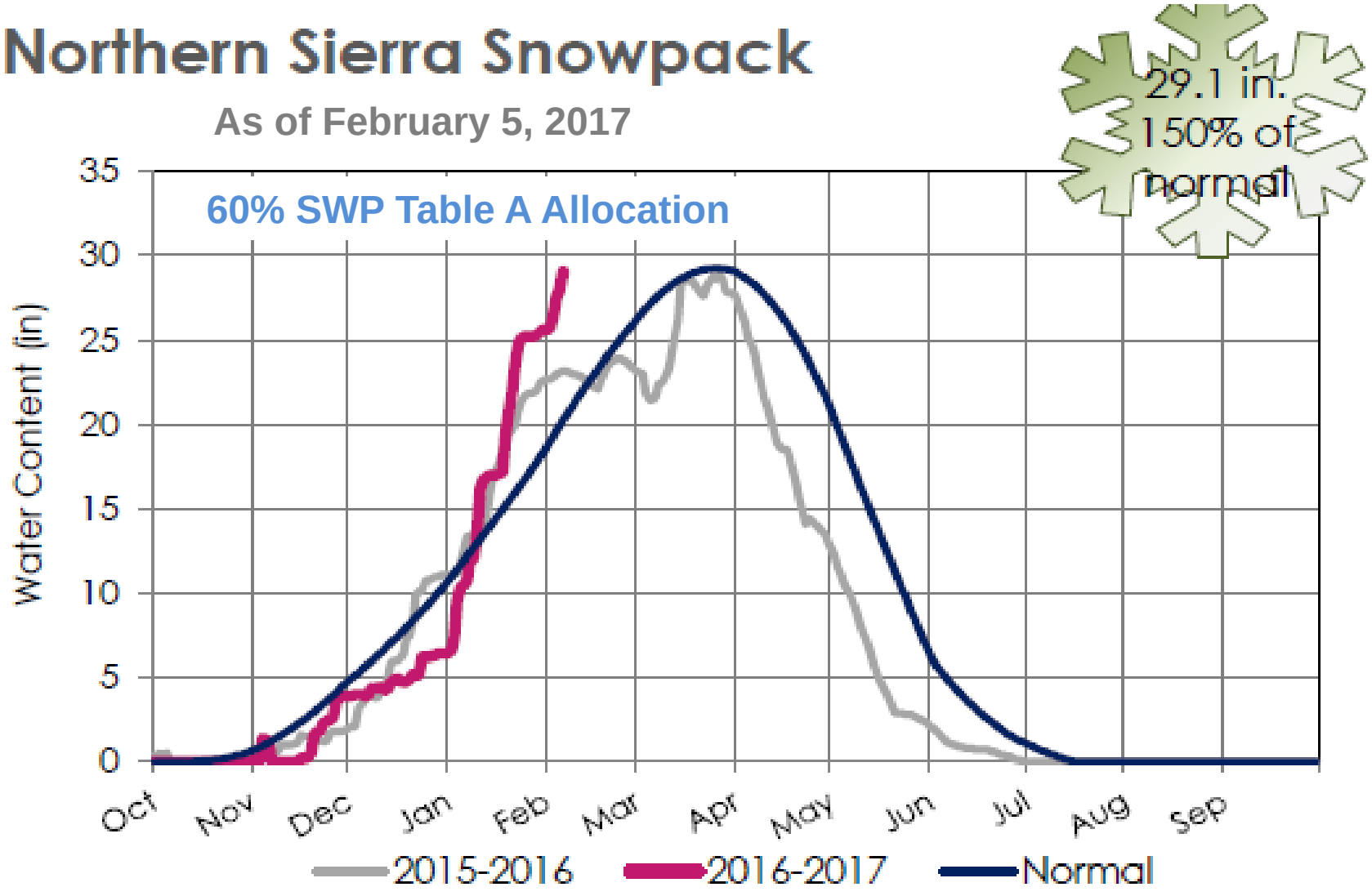
http://droughtmonitor.unl.edu/

LA's Water Supplies

Eastern Sierra Snowpack Conditions

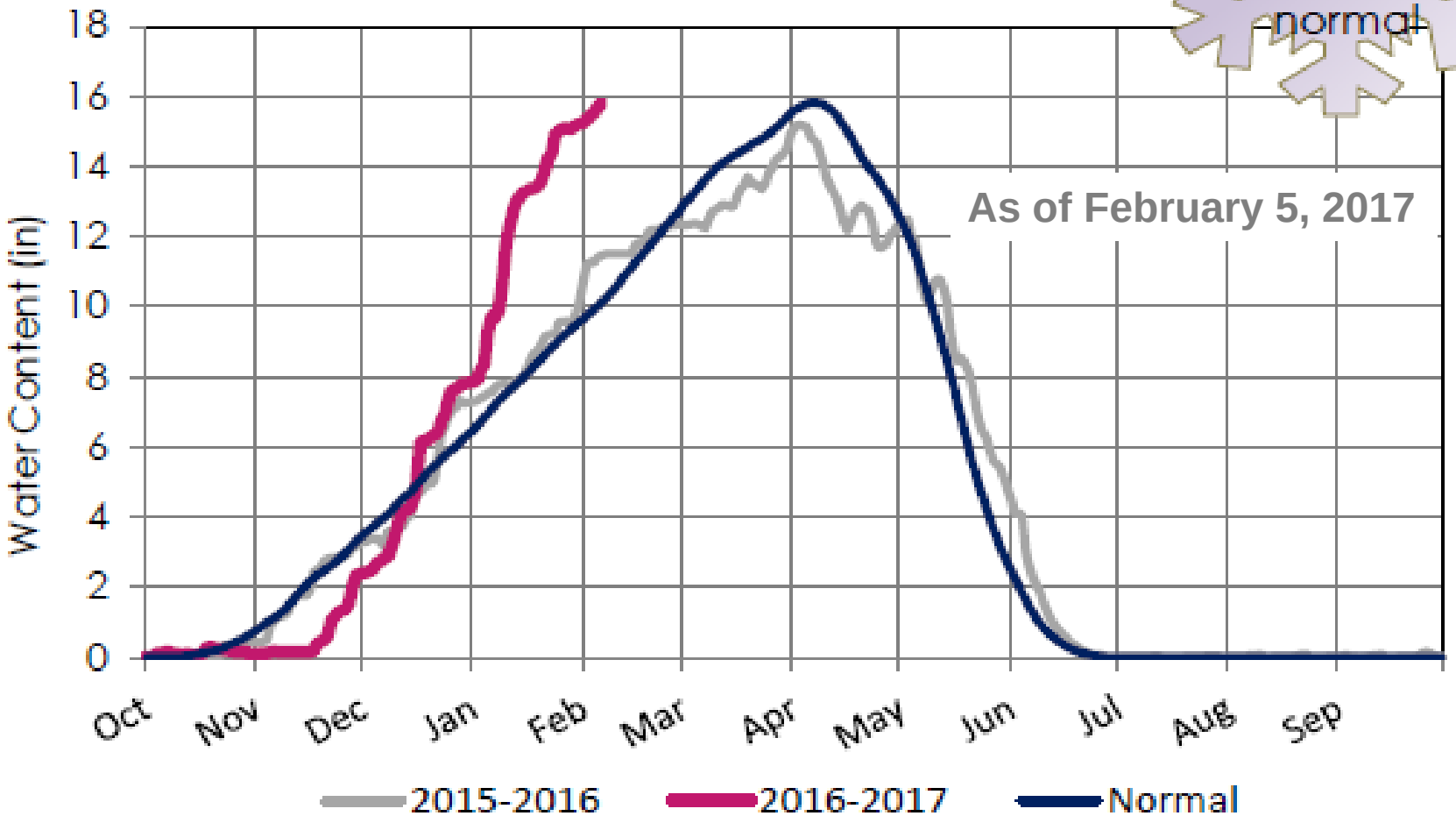


Northern Sierra Snowpack



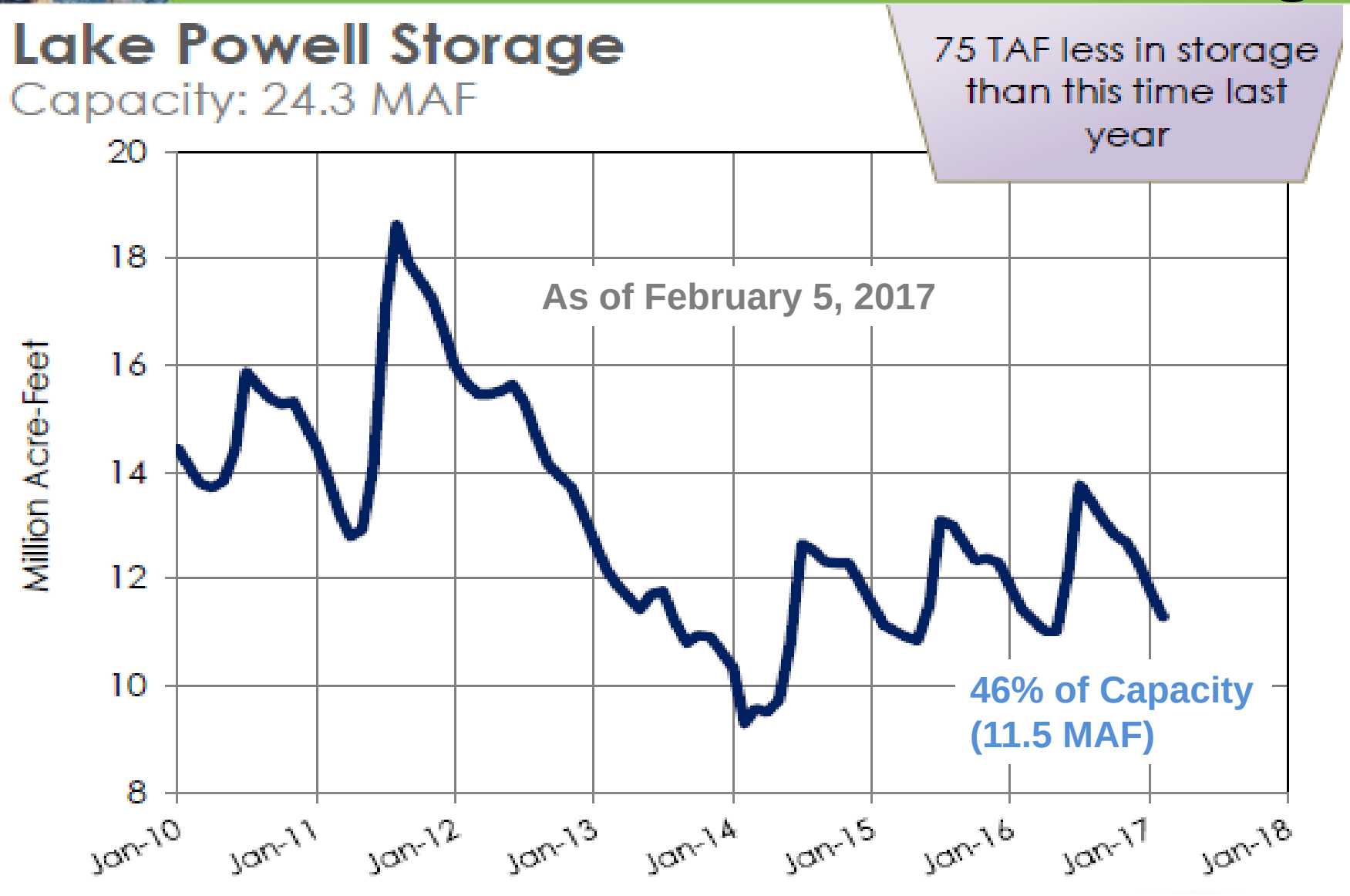
Upper Colorado Basin Snowpack

Upper Colorado Basin Snowpack



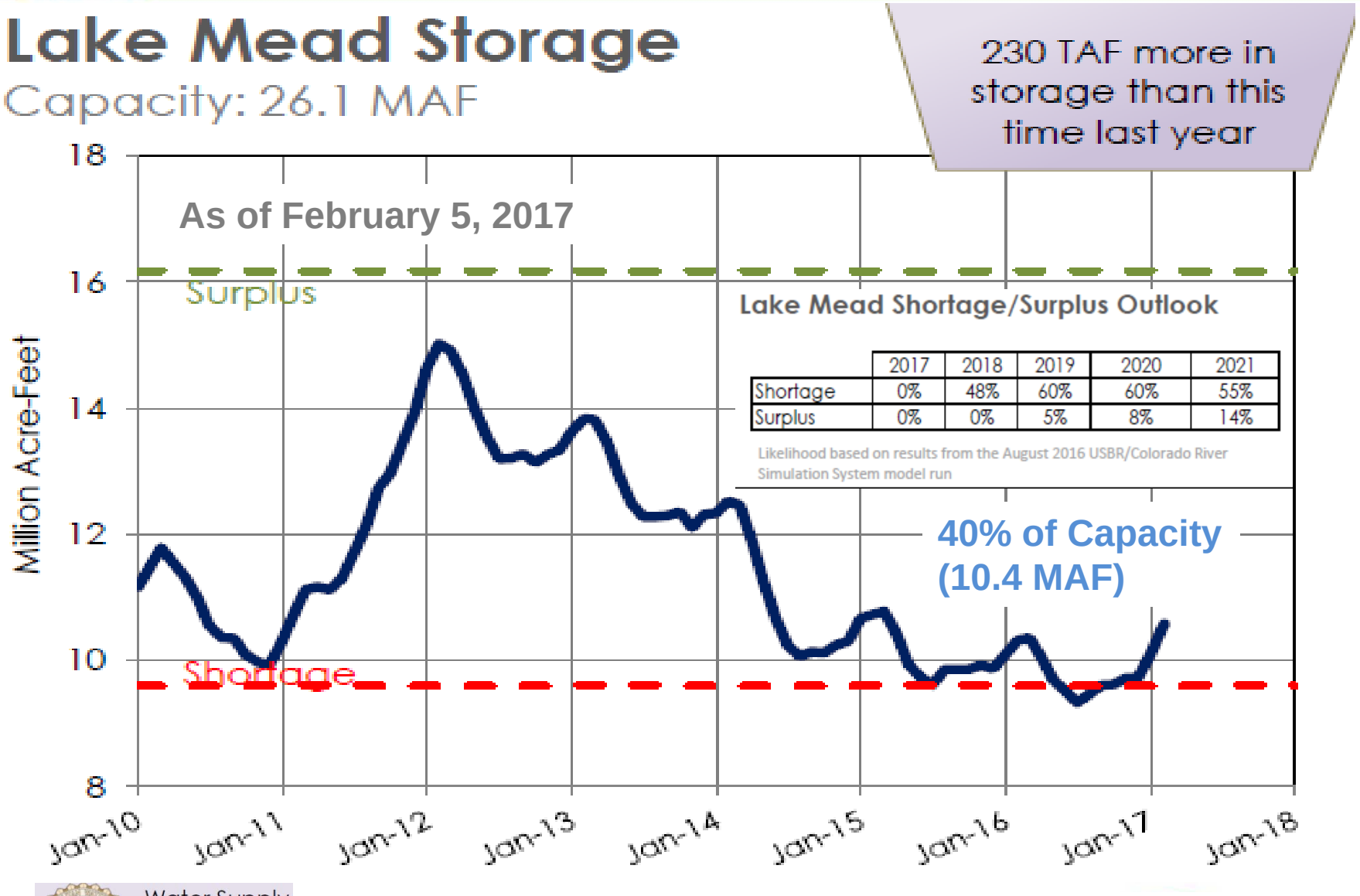
Water Supply Report

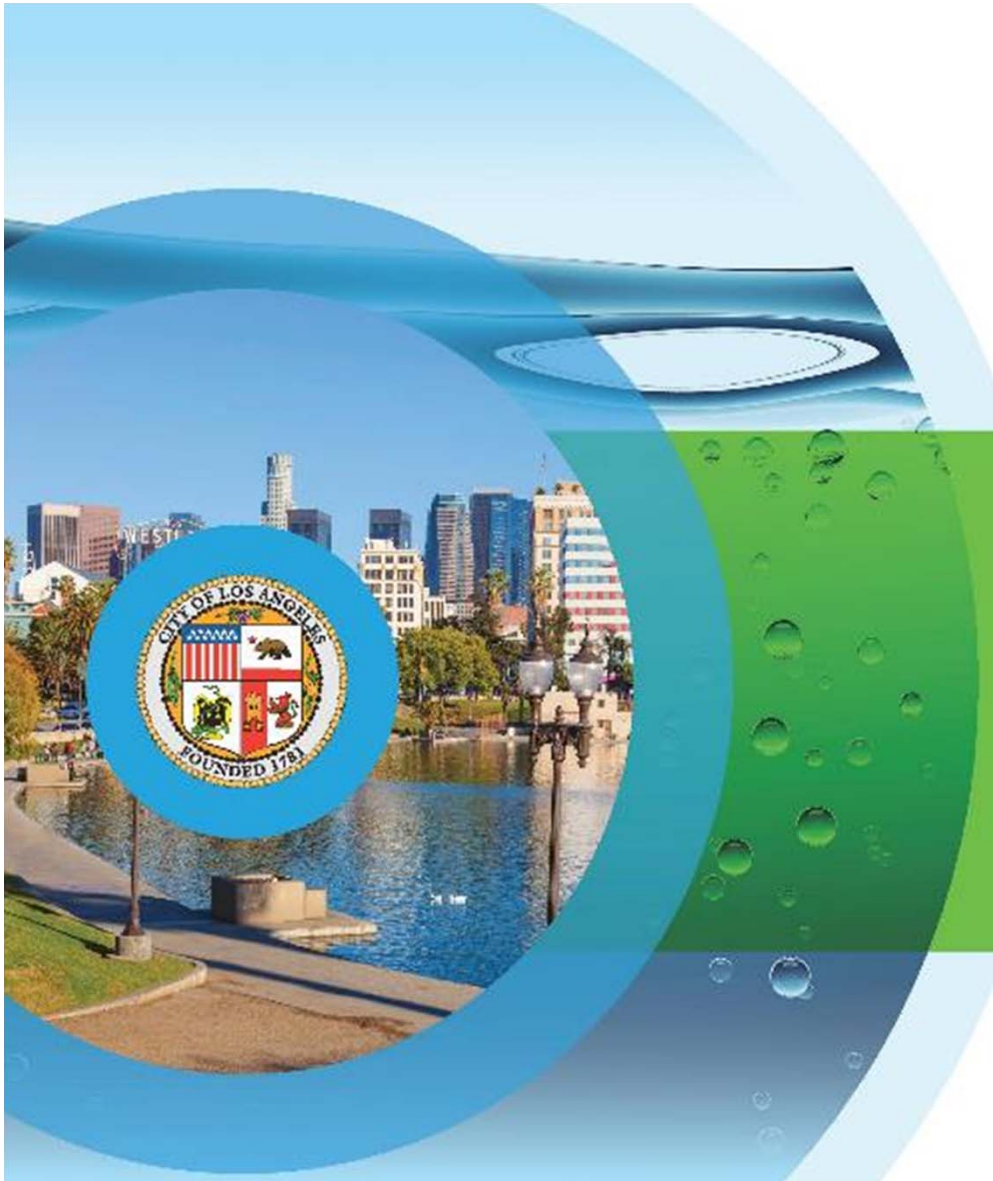
Lake Powell Storage



Water Supply Report

Lake Mead Storage





One Water LA

Purpose of One Water LA

LA's Current Water Picture

Approximately 90% of L.A. water supplies are imported

Challenges

- Recurring Drought
- Flooding
- Increasing demand
- Aging infrastructure
- More stringent regulations
- Limited funding
- Dependence on imported water
- Climate change

Sustainable City p**LA**n

- Reduce water use by 20% by 2017
- Reduce purchased imported water by 50% by 2025
- Reduce per capita potable water use by 25% by 2035
- Source 50% of water locally by 2035
- Create Integrated Local One Water Strategy

One Water LA: A central part of LA's efforts to reduce reliance on imported water by increasing local water supply

One Water LA Vision

Collaborative approach to develop an integrated framework for managing the City's watersheds, water resources, and water facilities in an **environmentally**, **economically**, and **socially** beneficial manner.

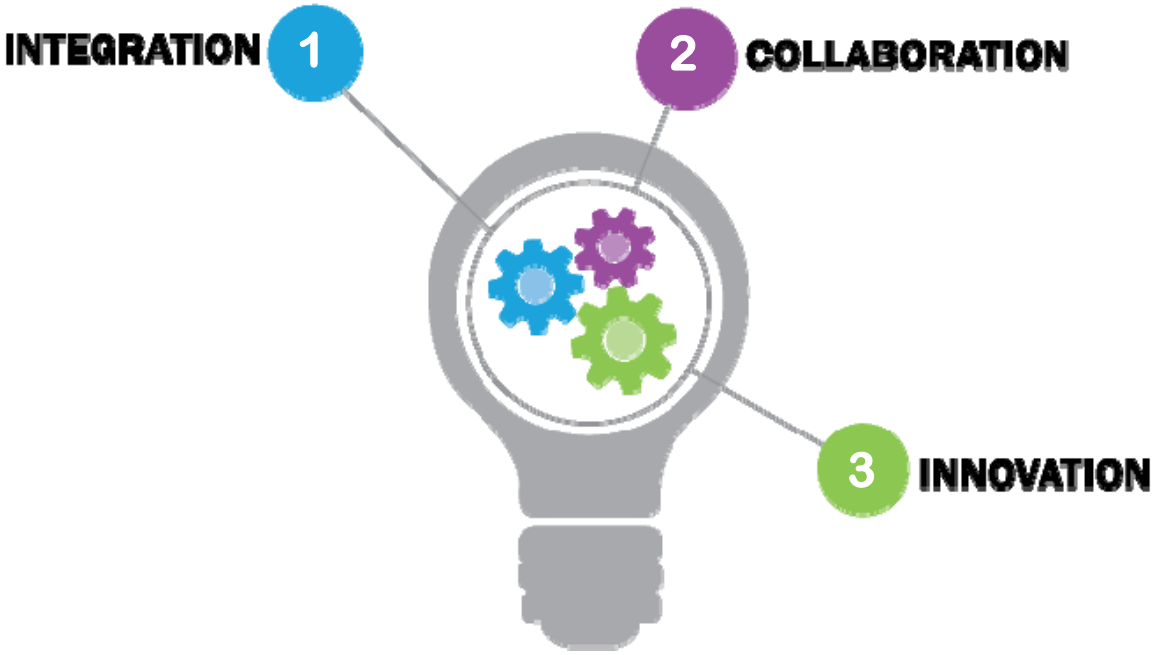
One Water LA

- **Phase 1:** Lay the groundwork *(Completed 2015)*
- **Phase 2:** Develop One Water LA 2040 Plan *(To be completed 2017)*

Phase 1: Objectives

- Integrate **management of water resources** and policies
- Balance **environmental, economic, and societal** goals
- Improve health of local **watersheds**
- Improve local water **supply reliability**
- Implement, monitor, and maintain a **reliable wastewater** system
- Increase **climate resilience**
- Increase **community awareness** and advocacy for sustainable water

Phase 2: Key Considerations



- Water supplies
- Declining sewer flows
- Water quality
- Climate change impacts
- Potable reuse
- Funding
- Regional collaboration
- Implementation of short- and long- term policies
- Balancing LA River and water supply needs

1) Integration

Conserve

Reduce demand and make supply last longer

SAVE the DROP
SAVETHEDROPLA.ORG

Reuse

Non-Potable

Potable

Capture

Centralized

Distributed

2) Collaboration

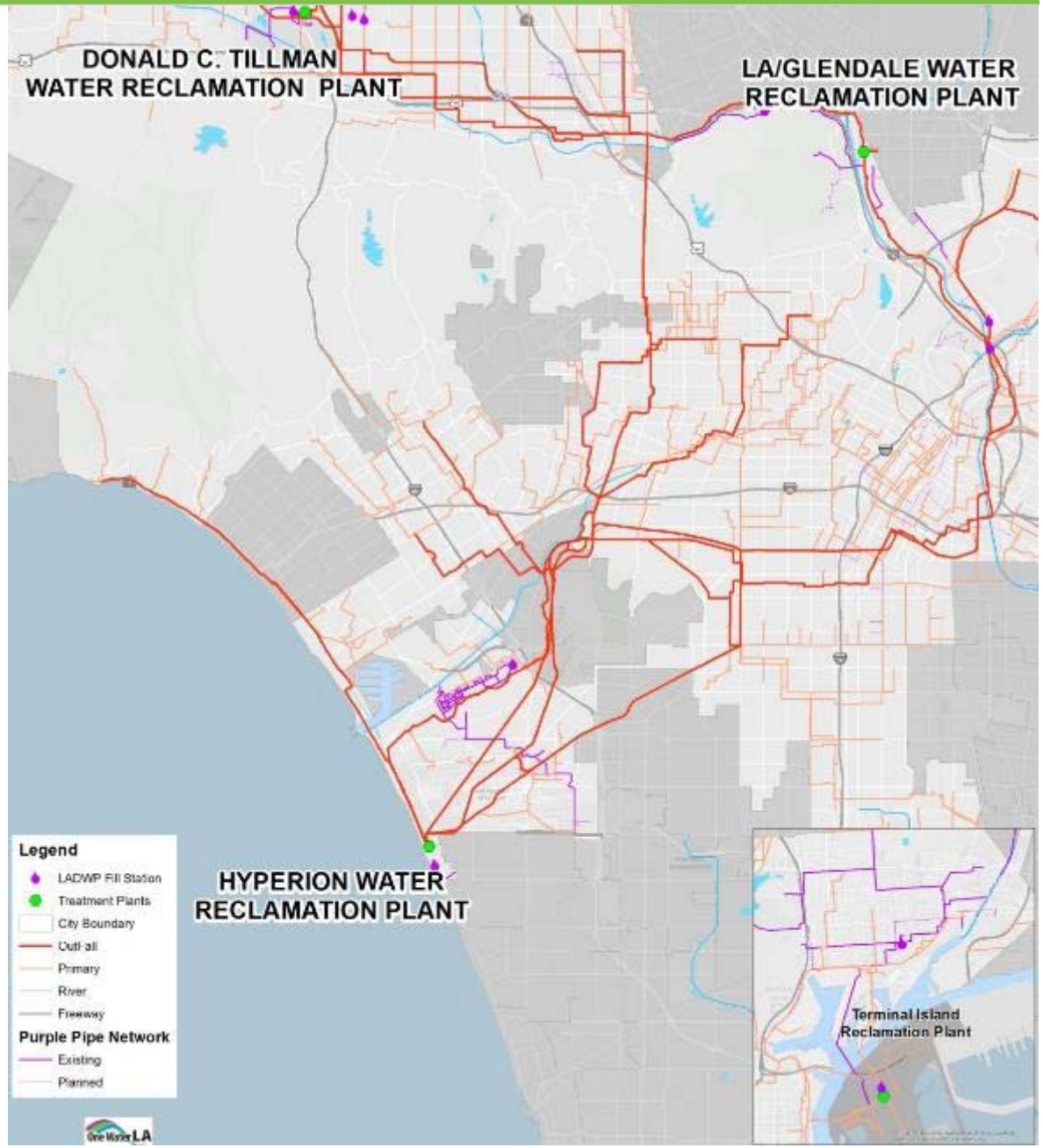
Working Together to Address Complex Issues

- Alternatives Analysis
- Project and Policy Identification
- Funding Strategies
- Partnerships

3) Innovation

Creative Water Management:

- Maximize recycled water production and use from existing water reclamation plants (WRPs)
- Augment sewer flows with runoff to increase water recycling
- Reconfigure sewer alignment(s) to increase flows to WRPs
- New strategically located City-owned satellite water reclamation plant(s)



Benefits

One Water LA: Smarter land use, healthier watersheds, increased efficiency, enhanced communities, climate change resilience, and greater protection of public health.

LIVABLE COMMUNITIES

- Green Streets
- Parks & Open Space

ENVIRONMENT

- Ecosystem Restoration
- Reduced Carbon Emissions

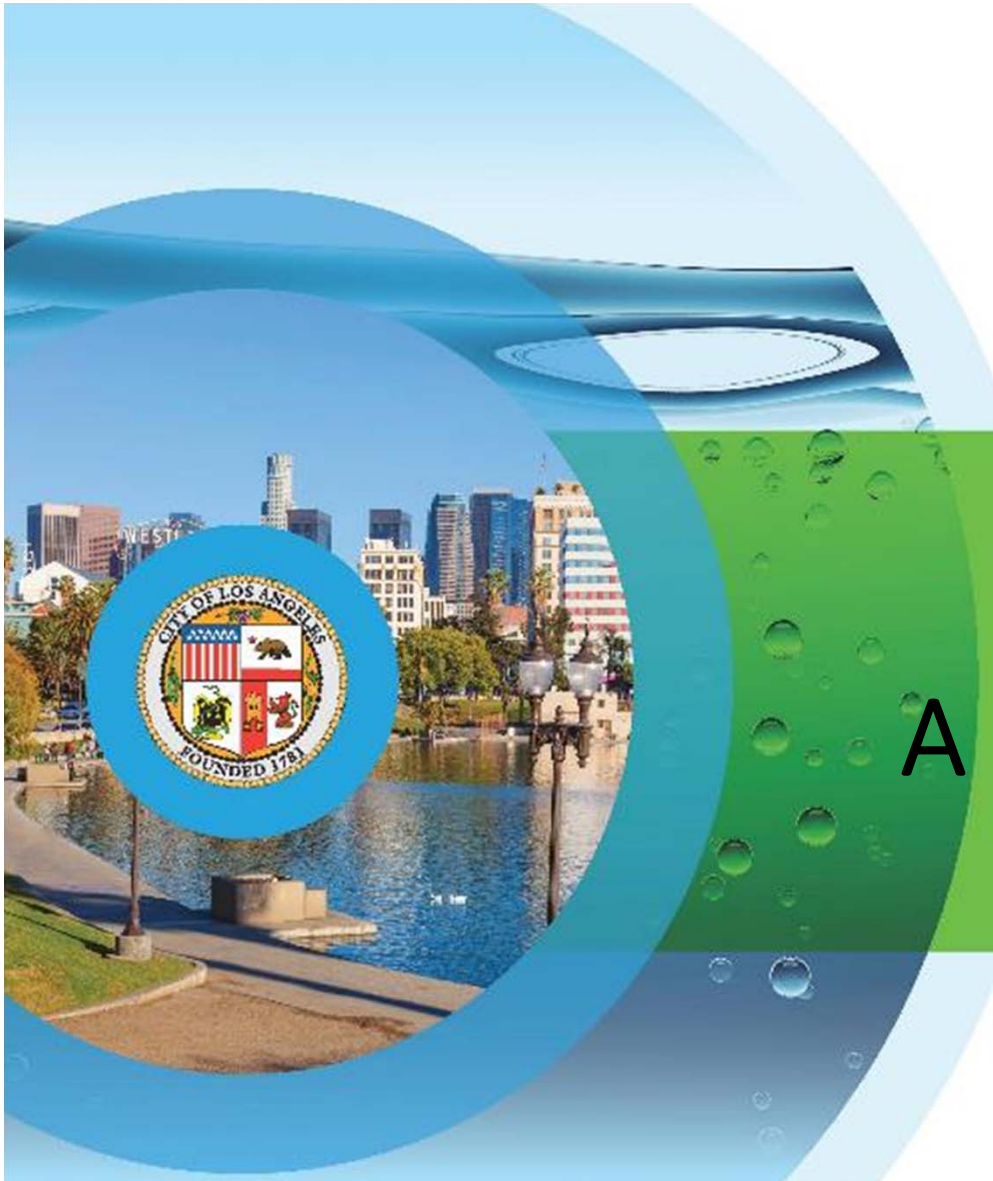
ECONOMIC BENEFITS

- Local Job Creation
- Utility Efficiencies

ENERGY MANAGEMENT

- Lower Energy Needs
- Greener Energy

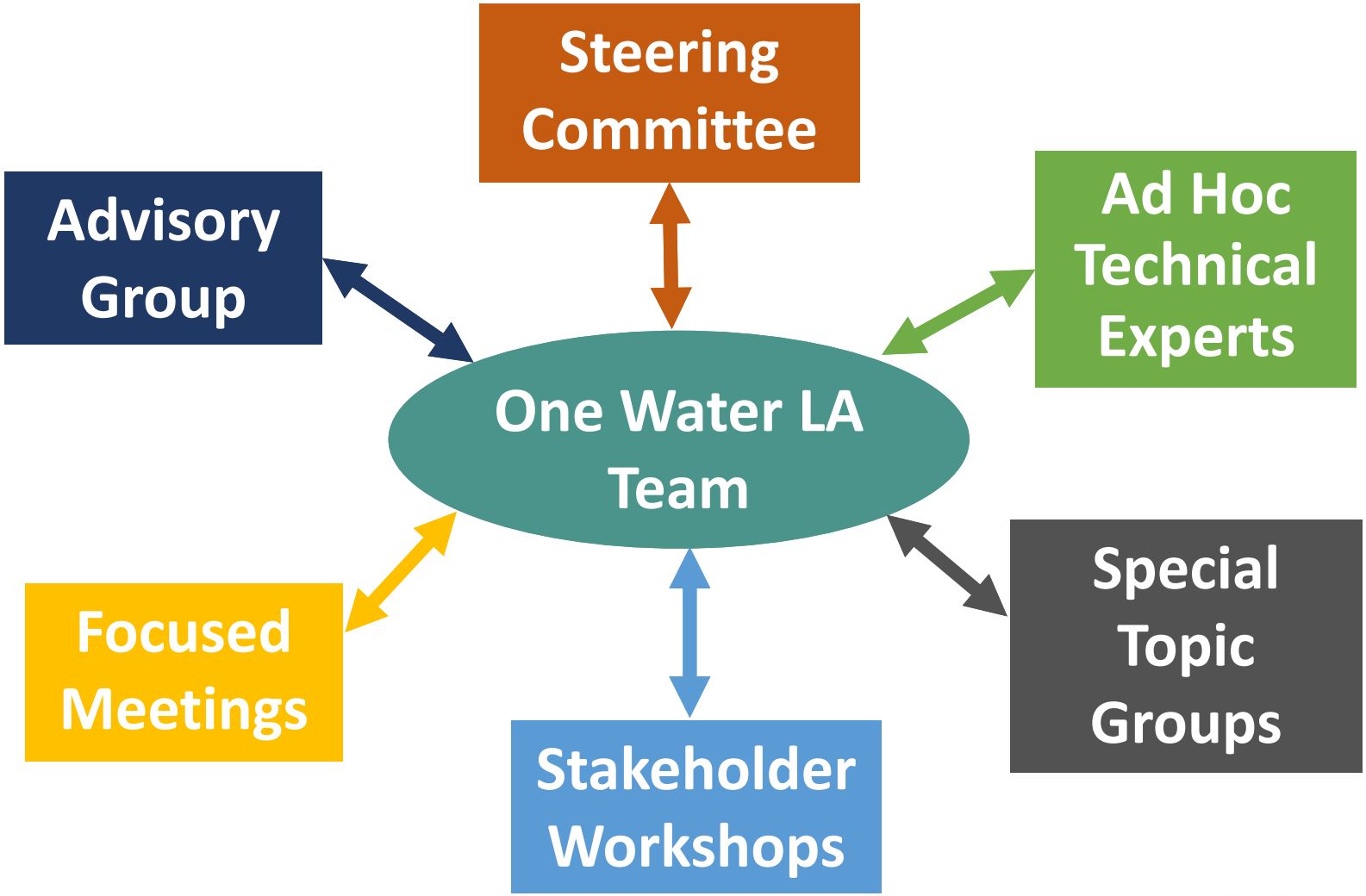
One Water LA .org



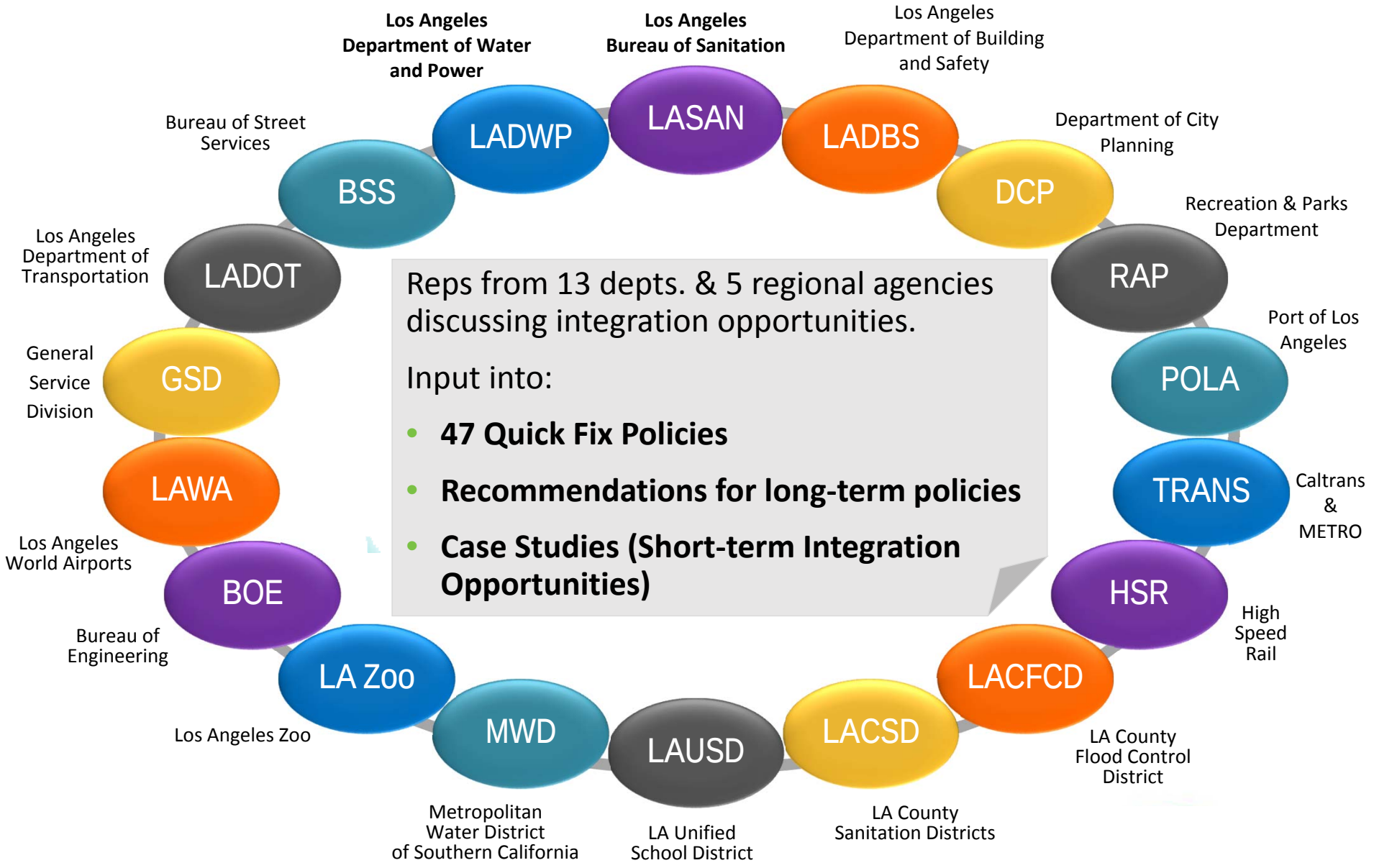
One Water LA

Who's Involved?
A Collaborative Effort

Who's Involved?



Steering Committee



Advisory Group

10 Stakeholder Advisors representing a diversity of groups & interests

Carolyn Casavan *(Sherman Oaks Neighborhood Council)*

Brad Cox *(LA Business Council Institute)*

Ken Murray *(Wilderness Corps)*

David Nahai *(David Nahai Companies)*

Melanie Winter *(The River Project)*

Jack Humphreville *(Greater Wilshire Neighborhood Council)*

Mike O'Gara *(Sun Valley Area Neighborhood Council)*

Veronica Padilla *(Pacoima Beautiful)*

Kelly Sanders *(USC)*

Louise McCarthy *(Community Clinic Association of LA County)*

Receive advice on direction and next steps.

Input into:

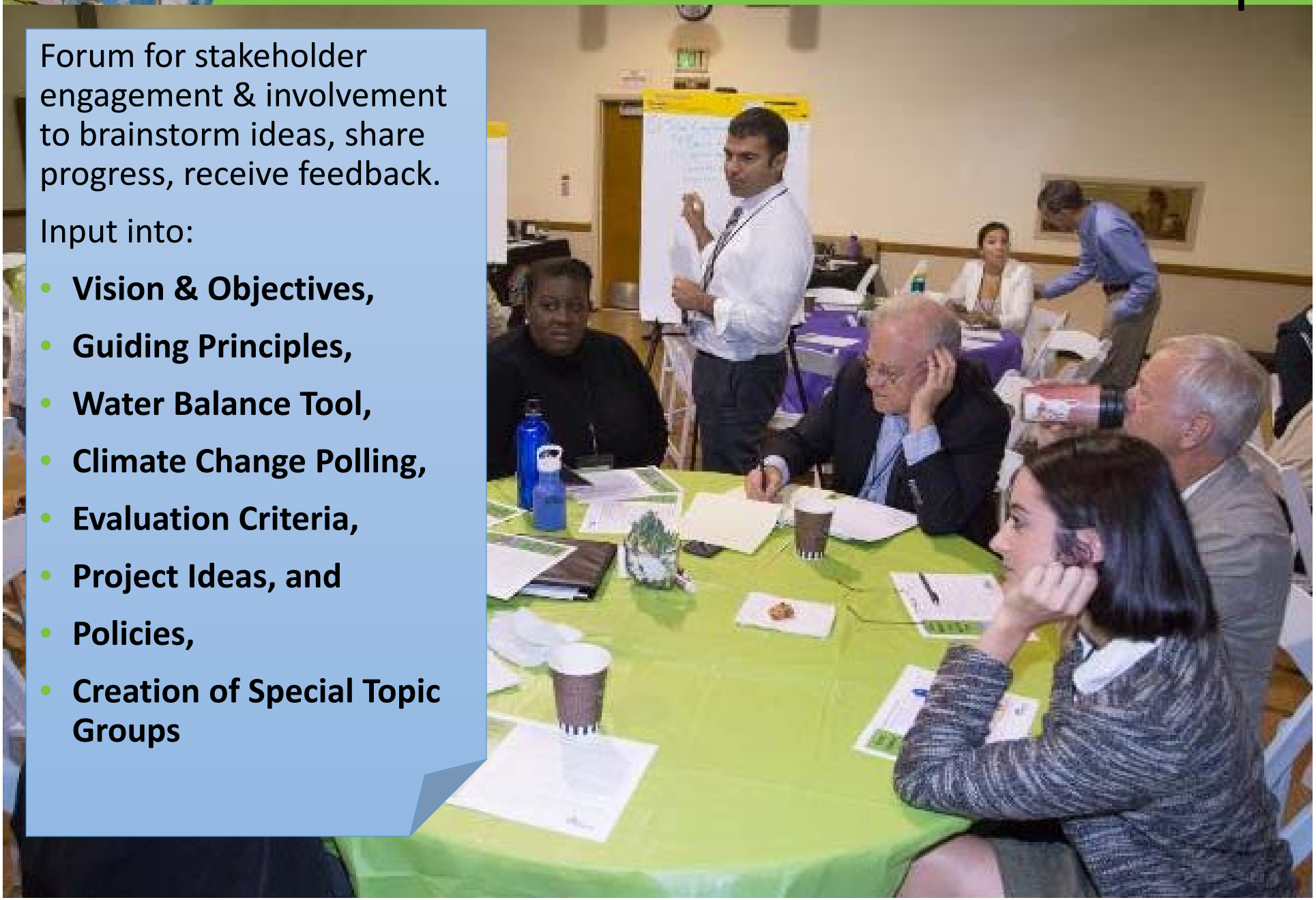
- **Vision, Objectives, Guiding Principles**
- **Process and expansion of stakeholder engagement**
- **Policies**
- **Integration Opportunities**
- **Evaluation Criteria**
- **Project Ideas**
- **Progress Report**

Stakeholder Workshops

Forum for stakeholder engagement & involvement to brainstorm ideas, share progress, receive feedback.

Input into:

- **Vision & Objectives,**
- **Guiding Principles,**
- **Water Balance Tool,**
- **Climate Change Polling,**
- **Evaluation Criteria,**
- **Project Ideas, and**
- **Policies,**
- **Creation of Special Topic Groups**



Special Topic Groups

Groups of stakeholders discussing 5 key topics:

1. **Funding**
2. **Outreach & Communications**
3. **Stormwater**
4. **Partnerships & Innovation**
5. **Decentralized/ Onsite Treatment**

Focused Meetings

MAYOR'S REQUEST: "INCLUDE AND ENGAGE ALL CITY DEPARTMENTS"

20+ Departments and Agencies Engaged:

- Water Departments and Agencies
- Transportation
- Construction and Code Enforcement
- Open Space Recreation Education
- Land Use Planning and Community

Already Producing Results:

- **City Engineering Specs allowing recycled water in concrete**
- **Working with Planning on ReCode:LA**
- **Working with LAUSD to increase stormwater capture**
- **Increasing uses for recycled water (LA Zoo)**
- **Leveraging resources among partners**

Special Meetings

Organized to discuss various topics in greater detail.

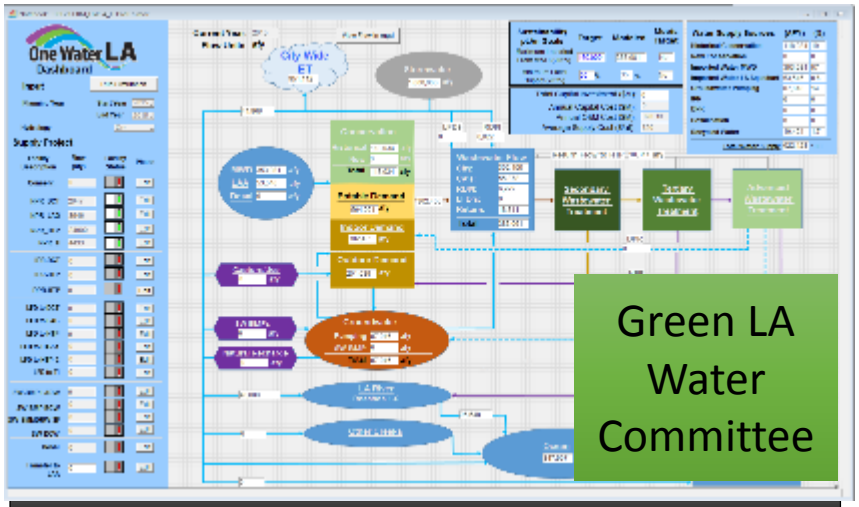
Input Into:

- **Project Ideas Workshop (Nov. 2016)**
- **Stormwater Fee Dialogue (Jan. 2017)**
- **Info/Overview Meeting (today)**

Other Engagement Highlights

Academia

Youth Education – LA Charter School



Non-profits

Business Community

Get Involved

All of us can take action to capture, conserve and reuse water – *Success relies on everyone!*

- Get Involved
- Request a Presentation
- Take Tours
- Share your ideas
- Share with others
- Become a partner

Questions

Do you have any questions

One Water LA 2040 Plan Elements

All Water is One Water

Plan Elements

Basis of Planning

Horizon

- **Long-Term Program:** To ensure LA's water future

Planning Process

- Start with Previous Studies
- Develop actionable plans to implement Objectives & Guiding Principles

2020

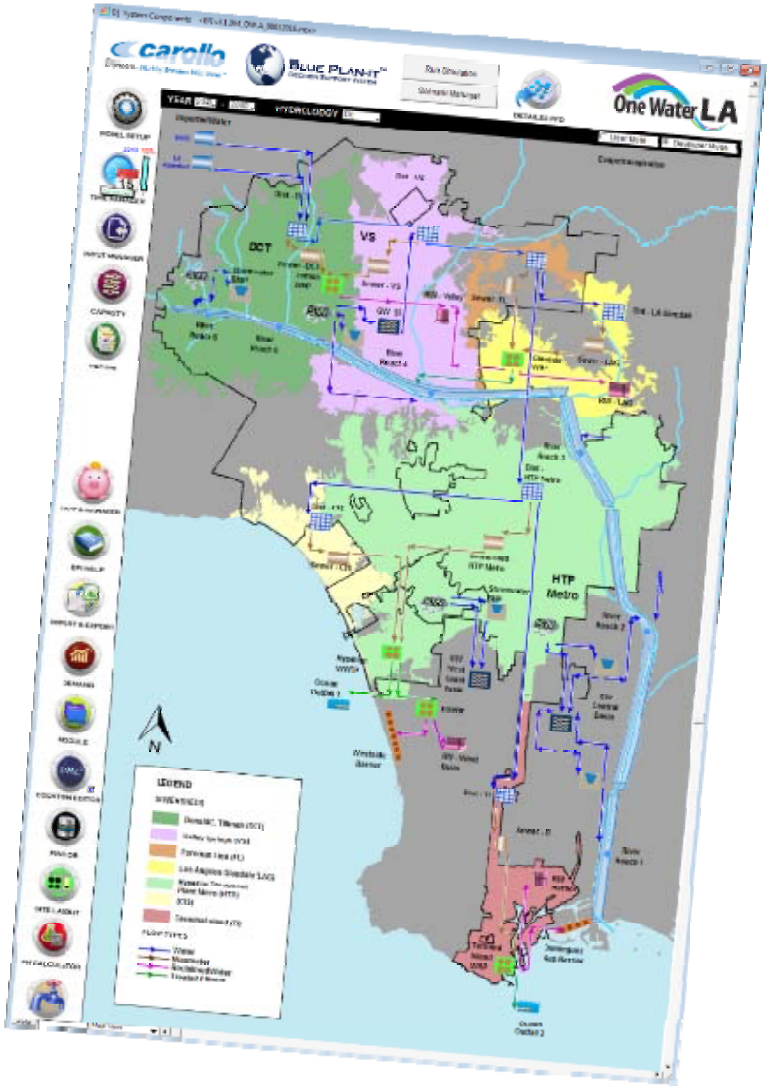
2040

Mass Balance Tool

Mass Balance Tool

Purpose

The Tool was developed to support integrated "One Water" planning by quickly calculating the city-wide flow changes for a variety of future conditions.

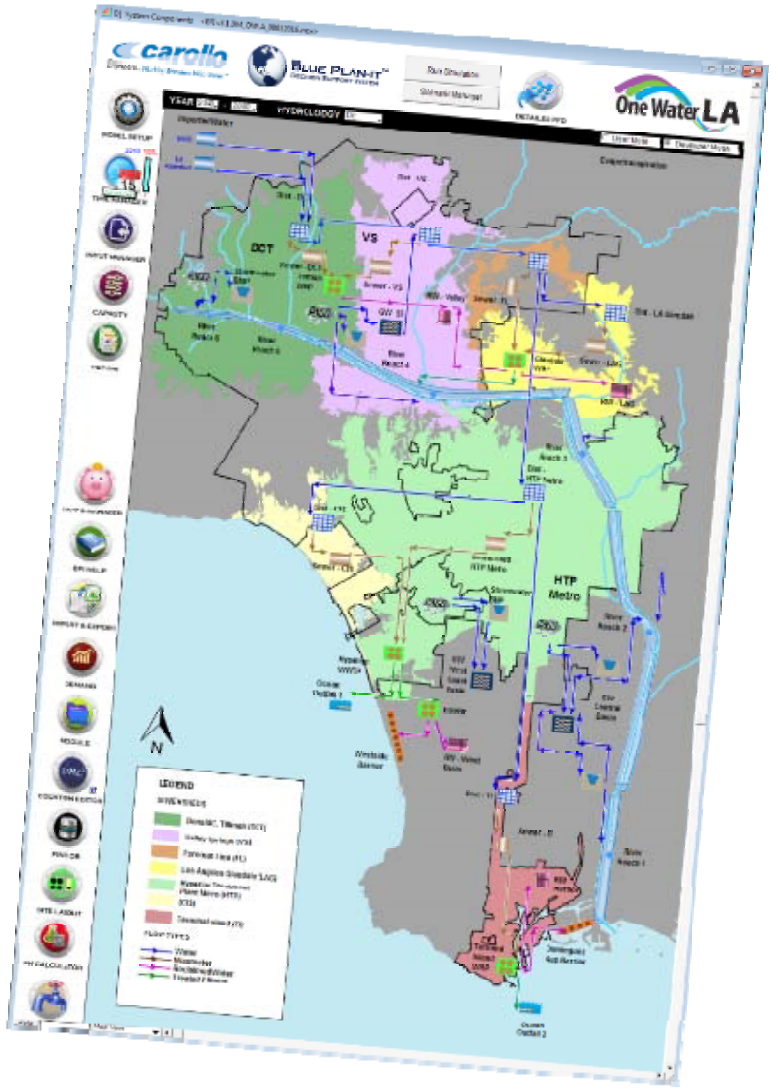


Key Components

- First-ever flow balance of LA's entire Water Cycle
- Collaborative data effort of multiple departments
- Annual flow projections from 2015 to 2040
- Normal, wet, and dry year hydrology
- Potential Future Facilities/Concept Ideas
- High Level Unit Costs

Mass Balance Tool – Flow Components

Water Type	Flow Components
Water Supply	LA Aqueduct Deliveries, MWD Purchases, Groundwater Pumping, Water Conservation
Potable Water	Indoor demands Outdoor demands
Wastewater	City wastewater flows, Contract Agencies flows, RDII, Treatment Plant flows
Recycled Water	NPR (Purple Pipe use), Environmental Use, RW flows by treatment plant Future IPR & DPR
Stormwater	Rainfall, Runoff, Natural Infiltration, Stormwater Recharge via BMPs
LA River Flows	Stormwater, WRP discharges, Flows by Reach
Groundwater	Groundwater pumping, Stormwater recharge by Basin



Status & Next Steps

Model Development
Existing Flows (2015)
Future Flows (2015 UWMP)

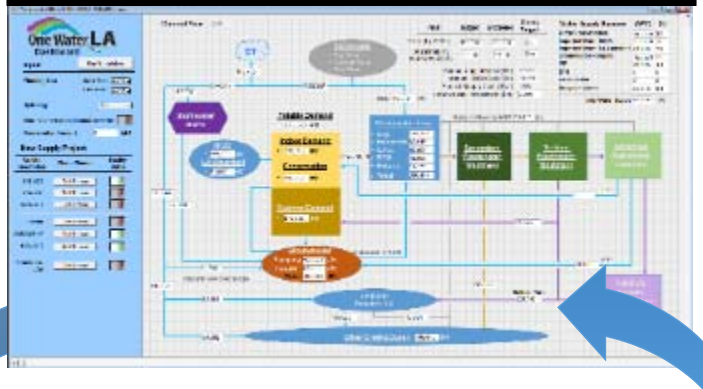
Model Validation
Wet Year (2001)
Normal Year (2005)
Dry Year (2007)

Model Future Concept Ideas
Model New Routing Options
Input Flows & Cost

In Progress

Long-Term Strategies
Portfolio Evaluation

What-if Analysis Dashboard



Collaborative Development

Climate Resilient Infrastructure

What are Climate-based Infrastructure Risks?

Basic Climate Conditions

- Temperature Increase
- High Winds
- Precipitation
- Sea Level Rise
- Earthquake
- Tsunami

Threats To Assets

- Power Outages During Peak Demand
- Severe Drought/ Water Rationing
- More Frequent & Intense Wild Fires
- Mudslides / Landslides
- Localized Flooding/ Erosion
- Coastal Flooding/High Tides/ Storm Surges
- Prolonged Power Outage/ Lack of Fuel

Risks to Assets

- Property/Structural/ Equipment Damage
- Loss of Power
- Interrupted Service and Process Operations
- Emergency Fuel Depletion
- Inundation/Loss of Access
- Regulatory Non-Compliance
- Loss of Revenue

Determining Climate Risk

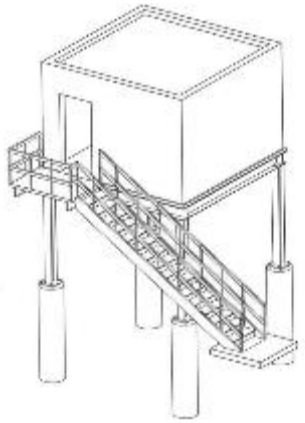
How do future climate conditions impact the City's wastewater and stormwater assets through 2040?

- **Site visits**
- **Review ex. climate impact assessments**
- **Climate science modeling (EPA's CREAT model)**
- **Identify Vulnerability: WW & SW infrastructure and systems**

Site visits conducted to assess vulnerable facilities & identify practical, cost-effective measures to mitigate climate threats.

Status & Next Steps

Analysis at Terminal Island and LA Glendale Reclamation Plants



Conveyance system Analysis – Various pump stations

Climate Evaluations, Risk, Impacts, & Assessments ✓

WW, SW, & Conveyance Evaluations & Analysis ✓

Infrastructure Options, Strategies, Funding & Recommendations

85% Complete

Present recommendations to Management & Mayor's office

Near-Term Integration Opportunities

Near-Term Opportunities

Near-term Integration Opportunities are within the next **1 to 5 years.**
For the purpose of:

- Demonstrating the **advantages of collaboration** and
- Developing an **institutional framework** to **streamline collaboration** among departments & agencies.
- Iterative process that **selected top 4 case studies from 44 initial ideas**

Top Four Case Studies

Recycled Water and Stormwater for the LA ZOO

Distribution of Advanced Treated Recycled Water to LAX & Vicinity

Capture of Off-site Stormwater at a School Site

Rancho Park

Four Near-Term Case Study Projects

Recycled Water & Stormwater for the LA Zoo

- Recycled Water for irrigation, exhibits & restrooms
- Stormwater capture opportunities within Zoo
- Agencies: LA Zoo, LADWP, LASAN

Rancho Park

- On-Site WRP
- Recycled Water & Stormwater for irrigation
- Agencies: LASAN, LADWP, RAP

Distribution of Advanced Treated Recycled Water to LAX & Vicinity

- Advanced Treated Recycled water for Terminals and Cooling Towers
- Agencies: LAWA, LADWP, LASAN

Capture of Off-Site Stormwater at a School Site

- Stormwater capture for infiltration on School Site
- Agencies: LAUSD, LASAN
- Location: TBD

Status & Next Steps

For each Case Study documented:

- Objectives & Benefits
- Implementation Considerations
- Agreements & Policies
- Cost Considerations
- Schedule

Case Study Development Process & Descriptions ✓

Task 3 Technical Memorandum (Draft) ✓

Input from Steering Committee →

Task 3 Technical Memorandum (Final) — **In Progress**

Part of One Water LA 2040 Plan, Further Studies TBD

Mayor's Office & Water Cabinet Support

Implementation & Replication

Long-Term Integration Opportunities

Evaluation Criteria

Evaluation Criteria are used to **balance environmental, economic, and societal goals** when comparing future project concept options

4 Categories and 18 Criteria

Economic Criteria

- Unit cost
- Financial benefits
- Funding mechanism
- Likelihood to obtain outside funding

Resiliency Criteria

- Drought resiliency
- Earthquake resiliency
- Flood risk mitigation
- Local supply benefit
- Energy Impact/ GHG Emissions

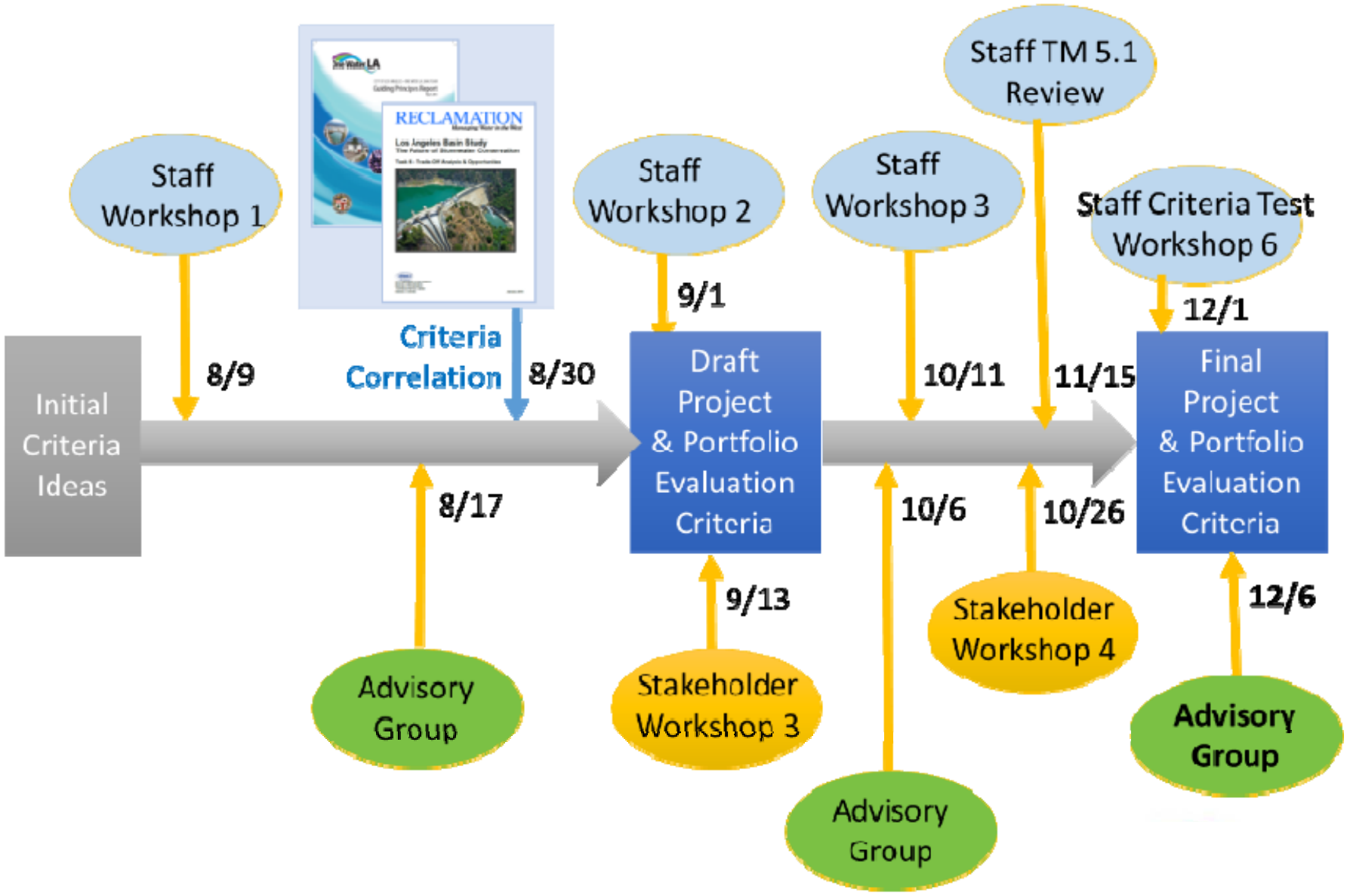
Implementation Criteria

- Constructability
- Institutional collaboration
- Regulatory approval
- Public engagement
- Public and political support

Environmental Criteria

- Environmental justice
- Open/natural space and recreational benefit
- Stormwater quality
- Ecological benefit

Rigorous Criteria Development Process



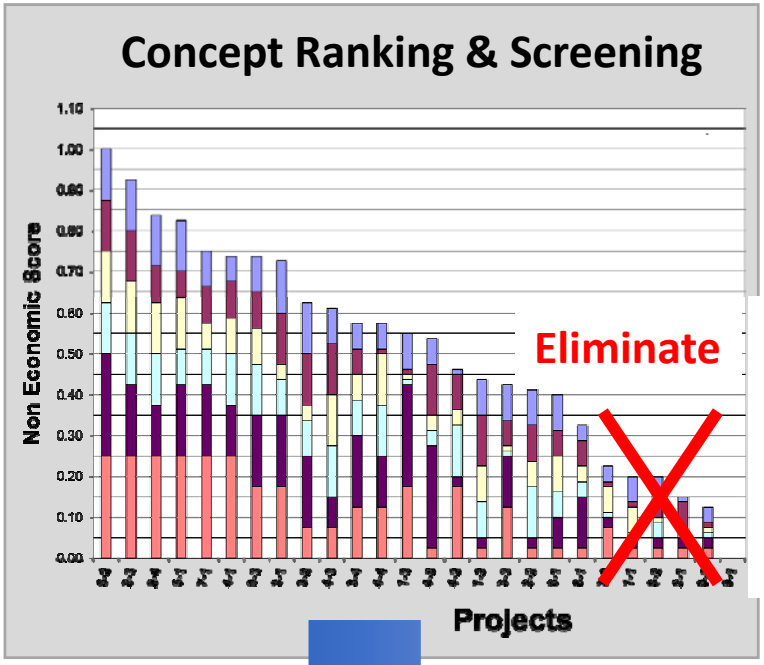
Evaluation Criteria Screen Concepts

Concept Scoring

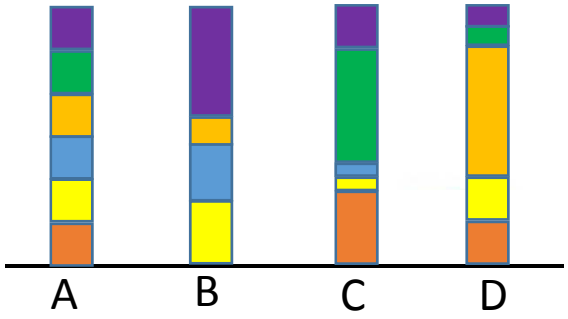
Economic Criteria	Resiliency Criteria	Implementation Criteria	Environmental Criteria
• Unit cost • Financial benefits • Funding mechanism • Likelihood to obtain outside funding	• Drought resiliency • Earthquake resiliency • Flood risk mitigation • Local supply benefit • Energy Impact/ GHG Emissions	• Constructability • Institutional collaboration • Regulatory approval • Public engagement • Public and political support	• Environmental justice • Open/natural space and recreational benefit • Stormwater quality • Ecological benefit

1. Calculate Total Benefit Score per concept
2. Rank concepts based on Total Score
3. Select concepts for Portfolio Evaluation

Concept Ranking & Screening



Themed Portfolios



Types of Concept Options

Regional Stormwater BMPs

Distributed Stormwater BMPs

Groundwater Replenishment (IPR)

Non-Potable Reuse (NPR)

Stormwater to Sewer (LFDs)

Advanced Treatment (IPR/DPR)

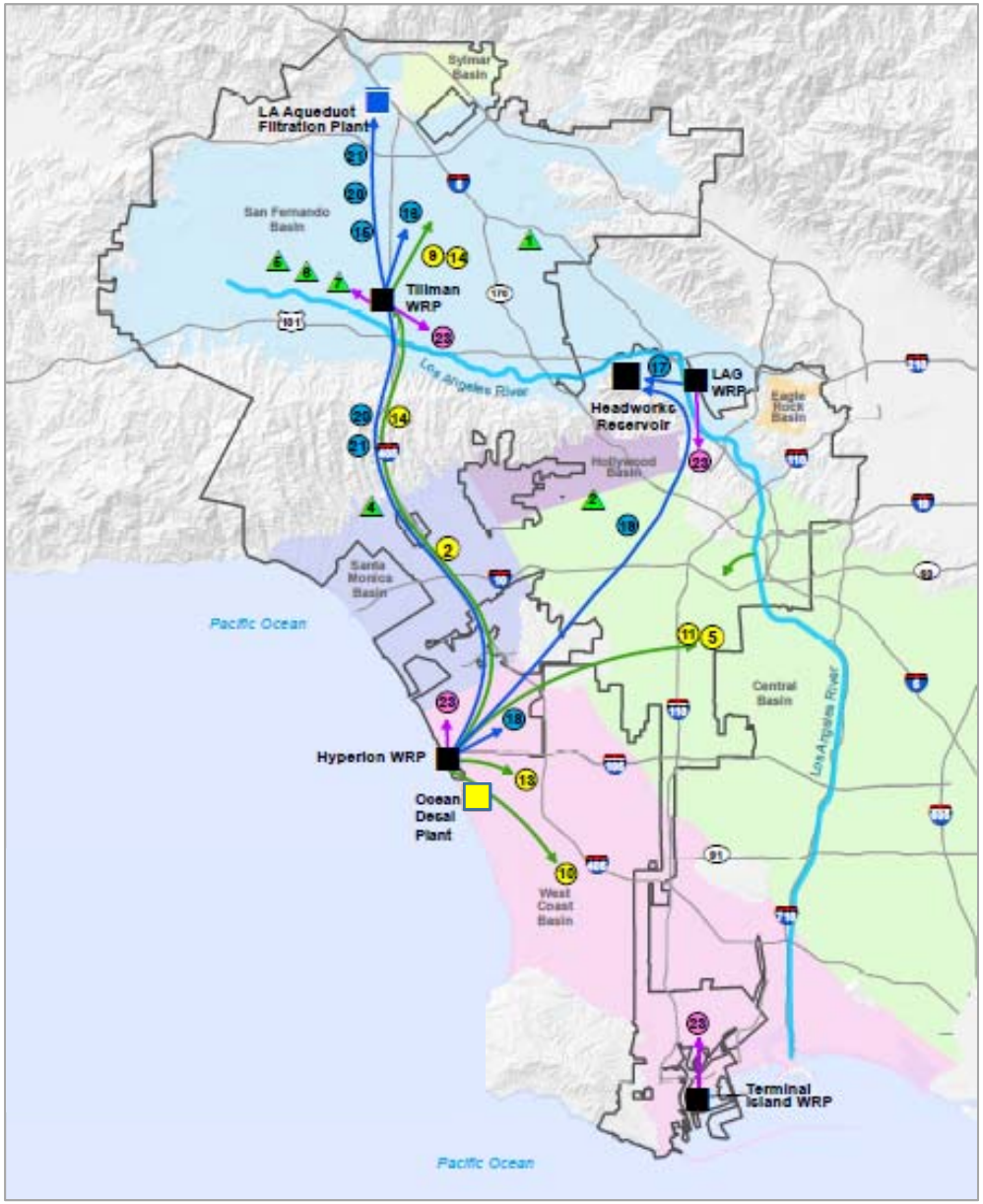
LA River Storage & Reuse

Ocean Desalination

Concept Options Evaluation

Types of Concepts	No.
Stormwater	8
IPR	6
DPR	7
Other	4
Total	**25**

Evaluation process will identify the most beneficial strategies (i.e. projects & programs) to achieve long-term goals



Status & Next Steps

Economic Criteria
- Unit cost
- Financial benefits
- Funding mechanism
- Likelihood to obtain outside funding

Resiliency Criteria
- Drought resiliency
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- Flood risk mitigation
- Local supply benefit
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Implementation Criteria
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Environmental Criteria
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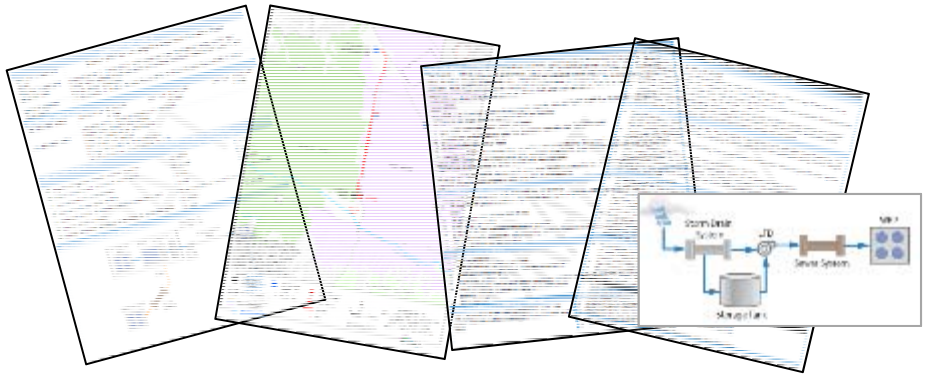
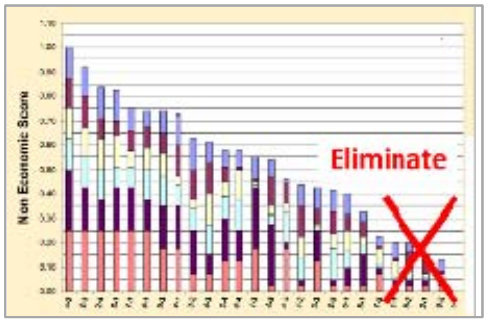
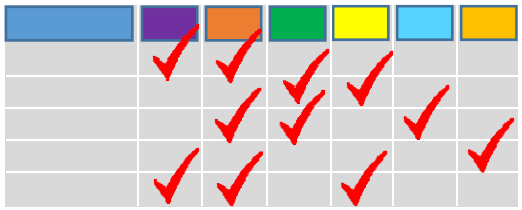
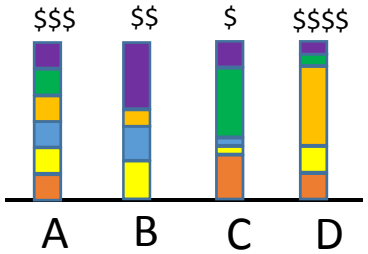






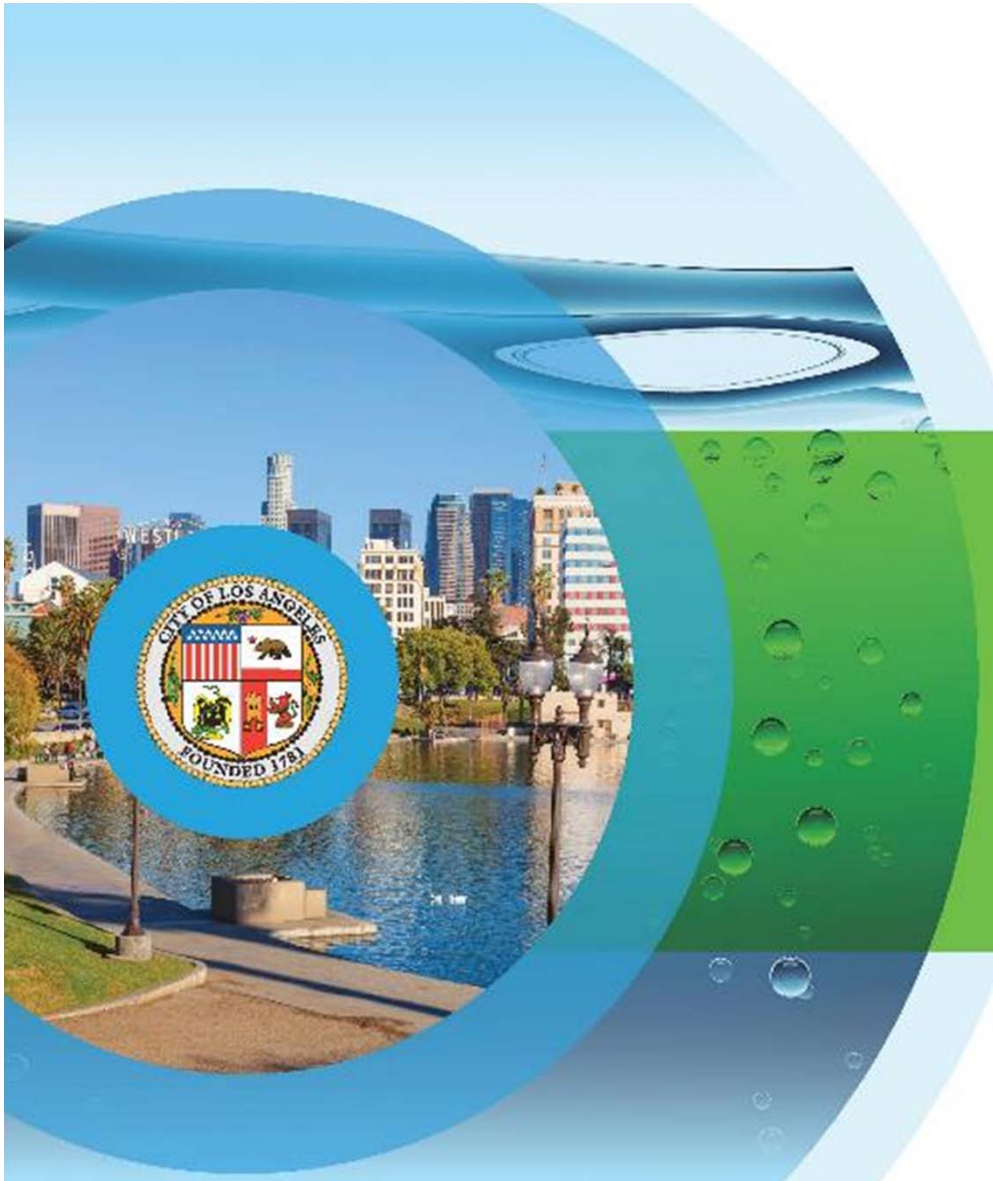


Criteria Development; Identify Concept Options ✓

Concept Options Development: Descriptions, Schematics & Maps, Cost Estimates ✓

Concept Option Evaluation: Use of Criteria to Compare Benefits of Concept Options — **In Progress**

Long-Term Strategies Portfolio Evaluation



Wastewater Facilities Plan

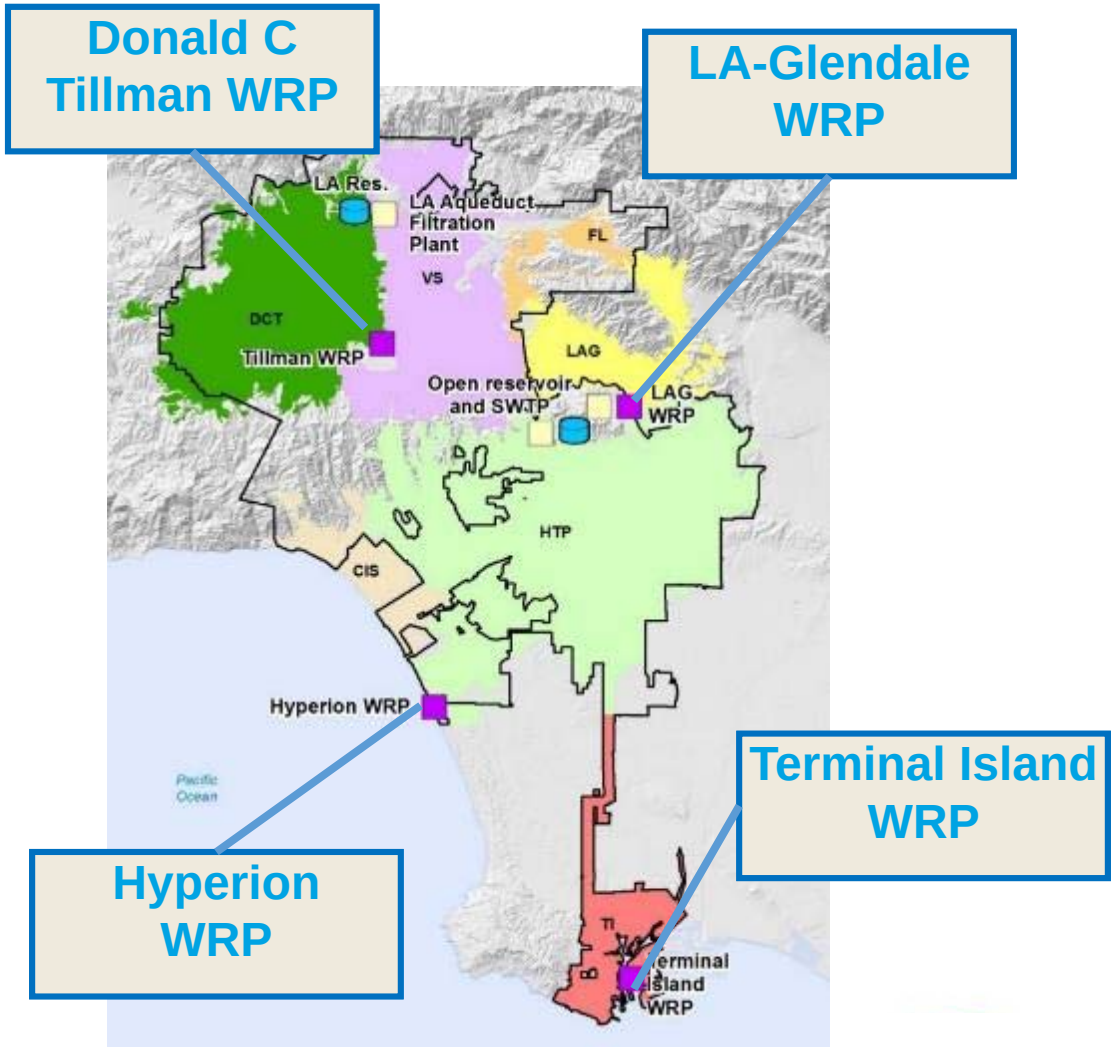
Wastewater Facilities Plan

Purpose

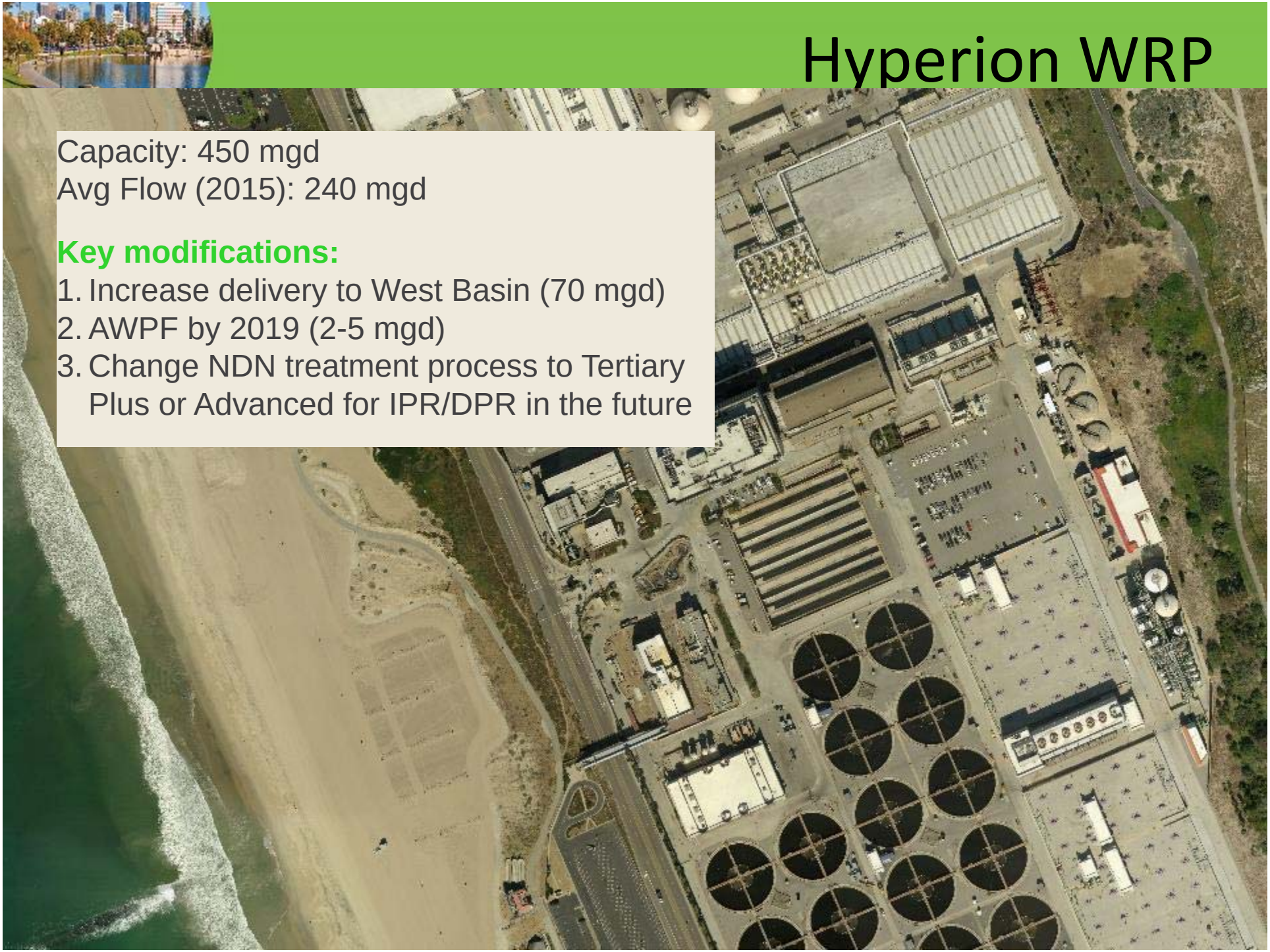
Develop facility plans for the 4 reclamation plants to address future system needs through 2040

Why are we doing it?

Implement, monitor, and maintain a reliable wastewater system that safely conveys, treats and reuses wastewater while also reducing sewer overflows and odors



Hyperion WRP



Capacity: 450 mgd
Avg Flow (2015): 240 mgd

Key modifications:

1. Increase delivery to West Basin (70 mgd)
2. AWPF by 2019 (2-5 mgd)
3. Change NDN treatment process to Tertiary Plus or Advanced for IPR/DPR in the future

Donald C. Tillman WRP

Capacity: 80 mgd
Avg Flow (2015): 32 mgd

Key modifications:

1. Advanced treatment for GWR project by 2020
2. Interim ozonation (6 mgd)

LA-Glendale WRP

Capacity: 20 mgd
Avg Flow (2015): 19 mgd

Key modifications:

1. 5 MG equalization tank to increase water recycling
2. Recycled water expansion to Elysian Park and Downtown LA

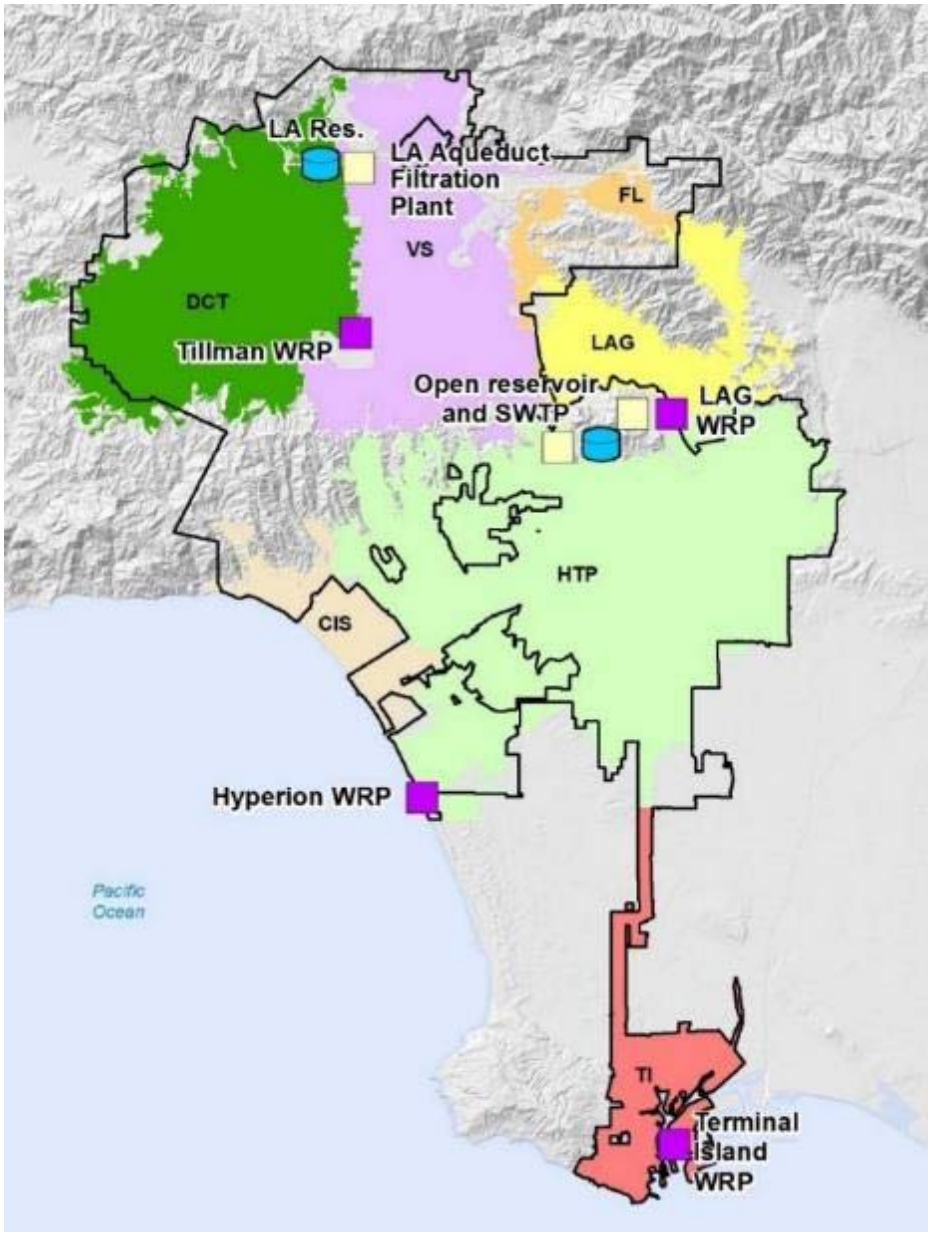
Terminal Island WRP

Capacity: 30 mgd
Avg Flow (2015): 14 mgd

Key modifications:

1. Expansion to 12 mgd of Advanced Treatment
2. Full Advanced Treatment
3. 100% Reuse with Harbor and Intrusion Barrier

Status & Next Steps

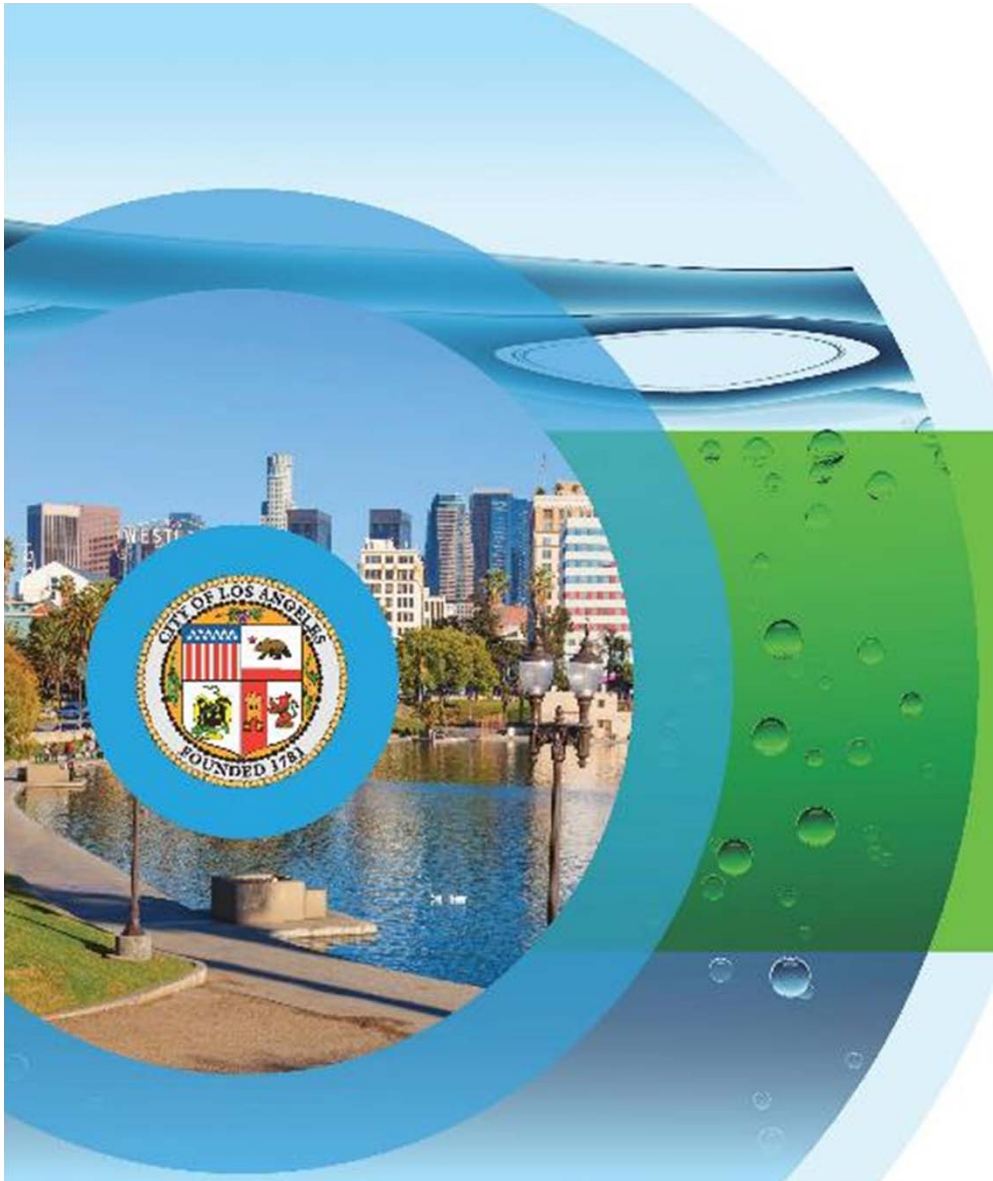


Facilities Plan Technical Memorandums: Discuss specific processes, identify issues and needs

Future System Needs Technical Memorandums: Identify upgrades & additions

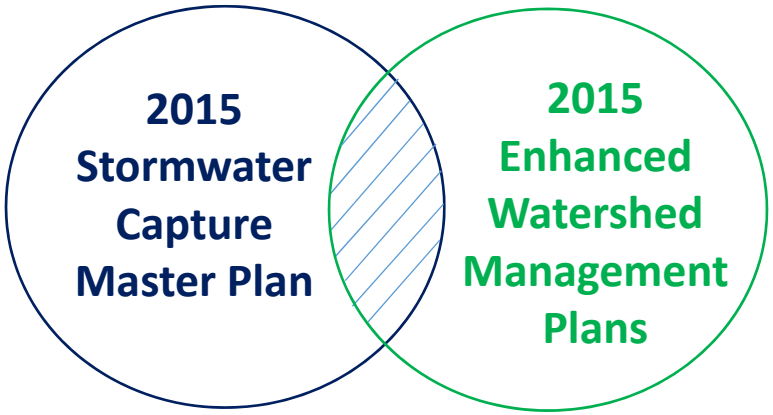
In Progress

CIP Prioritization Technical Memorandum: Develop short, mid & long term CIPs



Stormwater Facilities Plan

Plan Status & Next Steps



Data Gathering
Stormwater Flows & Events
Stormwater Conveyance System ✓

System Consideration
Stormwater System Analysis
Capital Improvement Program — **In Progress**

Stormwater & Urban Runoff Facilities Plan — **In Progress**

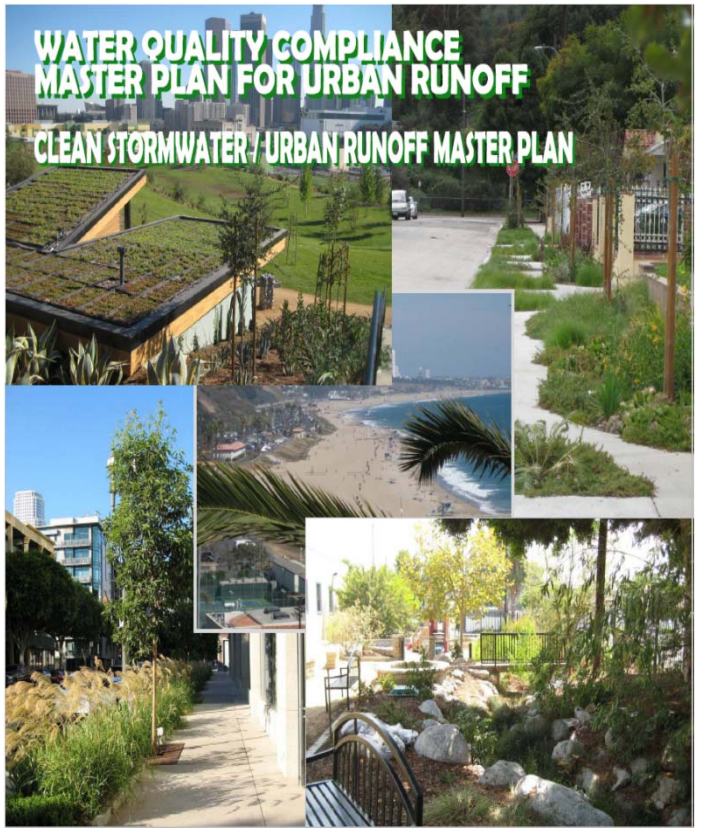
3-Legged Stool Approach

A Stormwater and Urban Runoff Facilities Plan integrates previous planning efforts and utilizes a 3-legged stool approach to prioritize over 1,000 projects (consisting of both centralized and distributed stormwater projects) based on flood protection, water supply and water quality benefits.

What is the 3-Legged-Stool Approach?

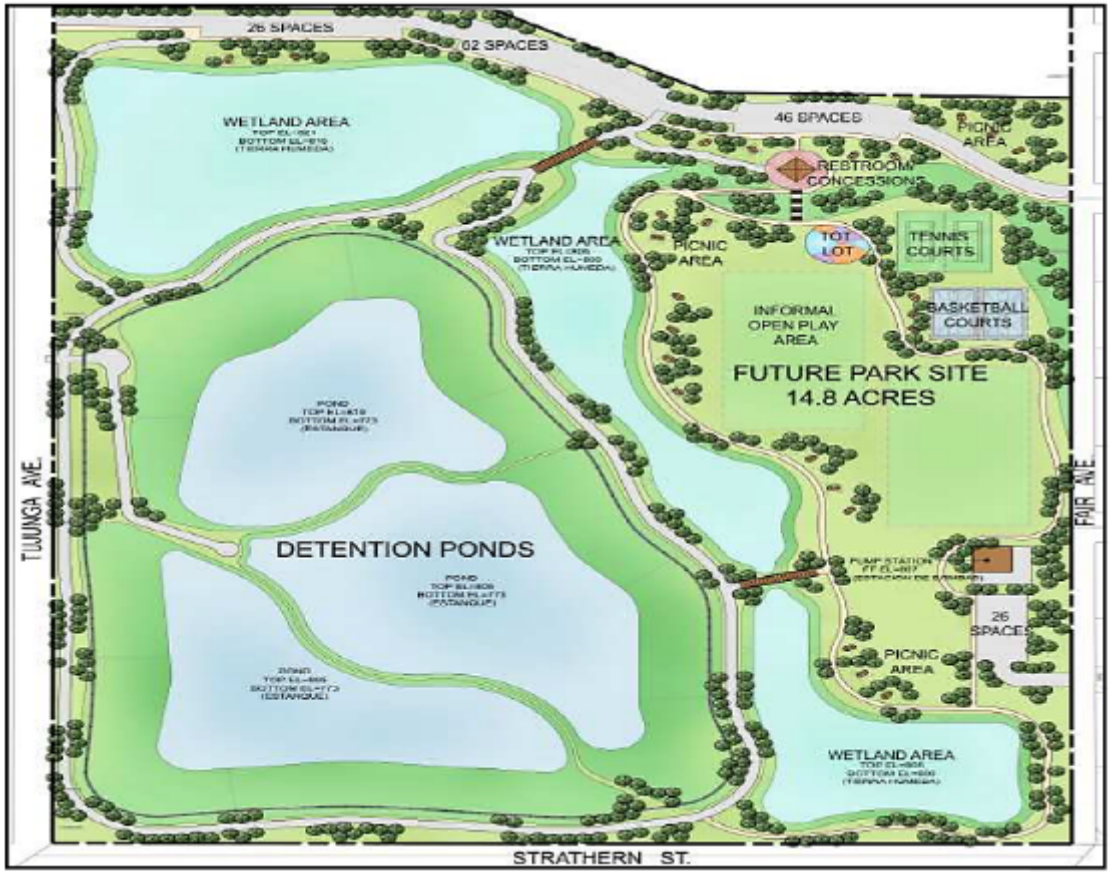
Stormwater Management

For every $1 Million in Water Quality investments, there is up to $22 Million in added benefits or avoided costs.



Example of Regional Integrated Project

Rory Shaw Wetlands Park – *A collaborative project led by LA County in collaboration with City of LA and other partners*



Project area:

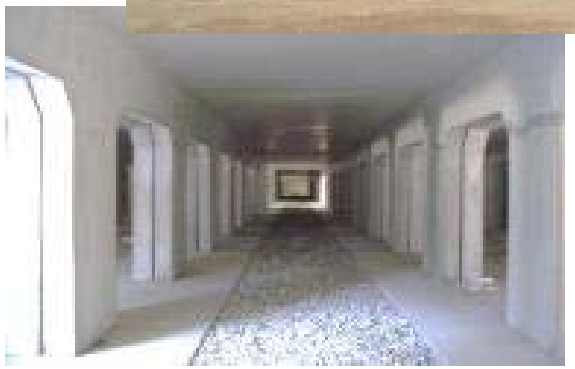
46 acres

Upstream drainage area:

929 acres

Expected water capture & use:

900 ac-ft



Example of Distributed Project

Riverdale Green Street

- Infiltration units capture runoff from 14 acres of residential land
- Parkway landscaping features drought-tolerant native plants

Additional Studies: LA River

LA River Study Purpose

PURPOSE

Identify considerations, assumptions, and areas of future study necessary to determine optimal flow conditions in the LA River that balance the City's water supply needs with the River's needs to support its water-dependent and regulatory uses.

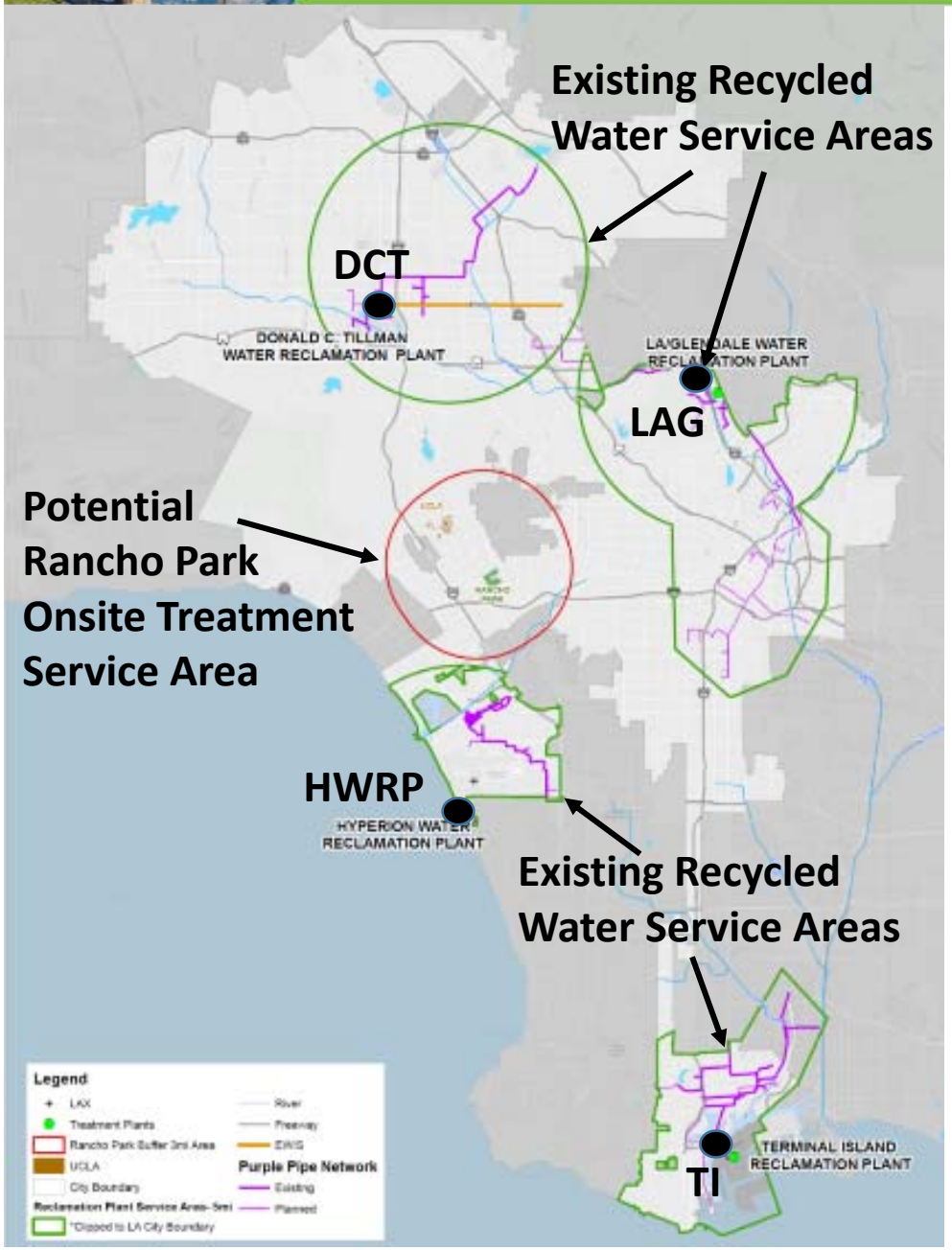
LA River Flow Study Outcomes

The key study outcomes are:

- **Understand existing low flow conditions** in the LA River over the last 3 years.
- **Estimate the potential range of low flow conditions** – considers projected changes in runoff management and wastewater flows through 2040.
- **Gain understanding of water budget assumptions in the ARBOR Study** (Area with Restoration Benefits and Opportunities for Revitalization)
- **Develop conceptual adaptive water management alternatives** that provide flexibility in the management of river flows and allow water supply opportunities.
- **Identification of future study needs** to determine optimal flow conditions that balance needs

Additional Studies: On-Site Treatment

On-Site Treatment



Objectives:

- Mayor's Executive Directive No. 5
- Significant non-potable water demand identified (2012 Recycled Water Master Planning [RWMP]documents)
- Ballona Creek EWMP and TMDL compliance

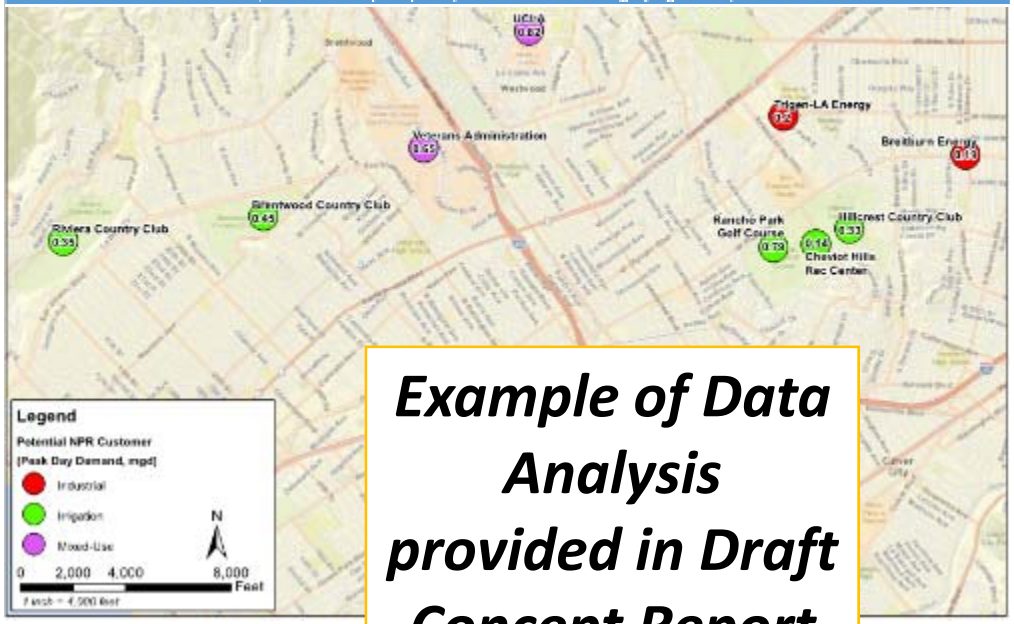
Concept Components:

- Stormwater capture and treatment concept
- Satellite water reclamation facility (WRF) concept
- Concept Nexus

Status & Next Steps

Customers	Type of Use	Annual Demand (AFY)	Annual Demand (mgd)	Peak Day Demand (mgd)
UCLA*	Mixed-use	540	0.48*	0.82
Veterans Administration	Mixed-Use	430	0.38	0.65
Rancho Park Golf Course	Irrigation	400	0.36	0.79
Brentwood Country Club	Irrigation	230	0.21	0.45
Riviera Country Club	Irrigation	180	0.16	0.35
Trigen LA Energy	Industrial	170	0.15	0.20
Hillcrest Country Club	Irrigation	170	0.15	0.33
Breitburn Energy	Industrial	165	0.15	0.15
Los Angeles Country Club	Irrigation	140	0.12	0.27
Chevlot Hills Rec Center	Irrigation	70	0.06	0.14
Non-Anchor Customers (30)		341	0.30	0.60
Total		**2,636**	**2.53**	**4.80**

*Source: RWMP 2012 Documents; UCLA current (2016) non-potable demand is 1 mgd (avg annual)



Example of Data Analysis provided in Draft Concept Report

High-Level Draft Concept Report (Input from UCLA, LASAN, LADWP, and Rec & Parks) ✓

Request for Information; Alternatives Analysis — **In Progress**

Refinement of Concepts; Data gaps; Needs for further Investigation — **In Progress**

Opportunities for Collaboration

Policies

One Water LA Policies

- Purpose – Develop Policies that increase collaboration and help implement the One Water LA vision and objectives
- Ideas have been collected from many sources
- 84 Policy ideas presented and discussed in breakout sessions at December 13 Workshop

DRAFT

Ideas and Actions for Future One Water LA Policies

Original No.	New No.	Policy Lead Department/Agency	Support	Draft Policy Ideas	Source	Ideas Shared	Notes/Comments
Water Conservation & Greywater							
1	1	EWS	LADWP, LADWP	Expand conservation retrofit on resale including showers and toilets for Commercial/Industrial.	LASAN	When a commercial building is sold, the new toilet fixtures need to connect to low flow.	
2	2	BSS	LASAN, BOP	Trees. Update the Street Tree Selection Guide (to favor climate change resistant trees) and incorporate in the Code LA, Mitigation Measures Update and Conservation	LASAN, STG-Stormwater	Urban Forest Incentives: Carefully selected tree list so only drought tolerant, heat and pest resistant trees that can capture stormwater	
3	3	LADOT	LASAN, LADWP	Expand water-efficient irrigation practices for all facilities maintained by LADOT (e.g. Los Angeles River Bike Path).	Steering Committee (LADOT)		
4	4	BSS	LASAN (R&D)	Create a treebate incentive- work with the air quality and regulatory bodies as potential funding sources.	Stormwater STG	Create a Treebate incentive- consider combining with Green Streets Plan	Incentive
					Stormwater STG	Work with the air quality agencies and regulatory bodies to consider tree installation rebates	Tap Recanter, from STG
44	5	LADOS	LASAN	Establish a mechanism to track greywater system installations throughout the city. Consider potential impacts of greywater systems on water supply needs.	Decentralized STG, Steering Committee	LAP PRD: LADBS shall evaluate tracking the installation of existing and future greywater systems where feasible. Tracking will be for laundry-to-landscape and simple systems. (NOTE: Complex systems currently	
49	6	EWS	LASAN	Consider revising Greywater standards to include eco-roof irrigation requirement.	Stormwater STG	Revise greywater standards to make eco-roofs viable	
Stormwater and Urban Runoff - Preventive Stormwater Quality Improvement Measures							
34	7	LADWP, LASAN	All City Dept.	Develop an ordinance to require drainage water from swimming pools to be discharged into the sewer (versus storm drain or street).	LASAN		
81	8	Public Works		Conduct inventory and install street parking signage as needed to allow street sweeping throughout the City.	Project Workshop		
84	9	Public Works		Conduct inventory and install more trashbins as needed to prevent trash pollution entering City storm drains and waterbodies.	Project Workshop		
87	10	LASAN	Public Works	Develop an ordinance (or rebate program) regulating types of lawn fertilizers to prevent nutrient pollution entering City storm drains.	Project Workshop		
Stormwater and Urban Runoff - Promote Integrated Planning & Design							
3	11	BOE, LAFD	LASAN	Create simplified standard plans for permeable pavement. Work with fire department to approve permeable pavement standards.	LASAN		Refer to BOE Standard Plans S-400 (with no approved agency as of yet)
7	12	LASAN		Consider overall impacts of upstream BMP installation on	LASAN, Funding STG	Concern on overbuilding infrastructure, the public should not pay for something that may not be needed	

Types of Policy Ideas Suggested

- Promote Integrated Planning and Design
- Stormwater and Urban Runoff
- Training and Education
- Improve Collaboration and Streamline Implementation
- Funding and Partnerships
- Sustainability and Climate Change Resiliency
- Water Conservation, Recycled Water
- LA River Revitalization

Status & Next Steps

Review and Refine Ideas Gathering & Polishing ✓

Policy Development: Connect ideas to guiding principles, sort policies from programs

In Progress

Determine where ideas best fit in the One Water LA Plan

Discuss ideas with Steering Committee and Water Cabinet

Funding Strategies

Funding Opportunities

Opportunities include: Federal, State, Local, and Private in the form of Grants, loans, & partnerships

Such as…

- Water Infrastructure Improvements for the Nation Act (2016)
- Measure M
- City of LA's sidewalk repair program
- LA County's Park Bond
- State of California's Proposition 1
- EPA Loan Program - Water Infrastructure Finance and Innovation Act (WIFIA)

YES ON M

YES ON A FOR LOCAL PARKS

U.S. DEPARTMENT OF HOMELAND SECURITY

FEMA

PROP 1

GOVERNOR EDMUND G. BROWN, JR.

WATER BOND 2014

RELIABILITY | RESTORATION | RESILIENCE

Collaborative Funding Approach

- Seek outside funding for the City of LA's water projects
- Potential water-focused Funding Office
  - Enhance water resiliency and economic security
  - Build off of existing City- department projects lists
  - Explore City-focused public-private partnerships
  - Verify funding application viability, resources, development and submittal

Status & Next Steps

STG Funding Strategy ideas, recommendations and input ✓

Funding Strategies Development and Recommendations — **75% Complete**

Water Funding Office Recommendations — **75% Complete**

Internal & expert review

Present recommendations to Management & Mayor's office

Implementation Strategy

Implementation Strategy

RECOMMENDATIONS

- Near-Term Integration Opportunities
- Long-Term Concept Option Recommendations
- Wastewater Facilities Plans Recommendations
- Stormwater Facilities Plan Recommendations

TRIGGERS

Growth

Flows & Demands

TMDL Deadlines

One Water Plan Recommendations

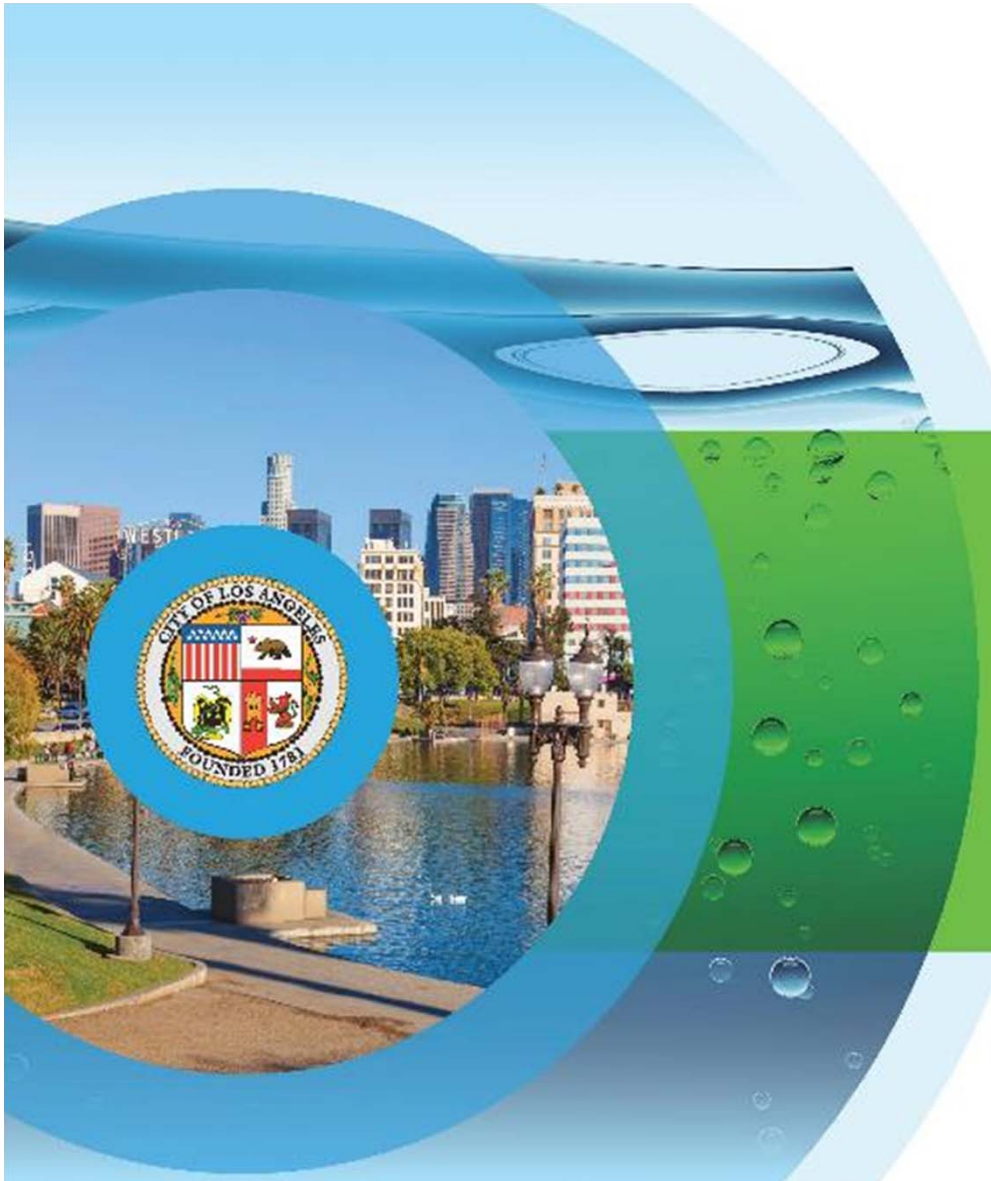
- Projects
- Programs
- Policies

Sustainability pLAn Targets

DPR Regulations

Funding & Other

IMPLEMENTATION STRATEGY



One Water LA

Next Steps & Upcoming Events

The "One Water LA Progress Report"

- High-level overview
- Purpose of One Water
- Progress since 2014
- Serve as a communication tool
- Approx. 50 pages of highlights

Upcoming Workshops & Meetings

- 3/1 - Steering Committee Meeting
- Early March - Advisory Group Meeting to discuss Draft Progress Report
- Mid March - Wastewater & Stormwater Facilities Plans Special Meeting

Other Upcoming Events

- One Water LA Day, April 11th
- Earth Day, April 22nd
- Young Citizen Artists Project (tbd)

Meeting Close

Additional Information:

www.onewaterla.org

onewaterla@lacity.org