



# Public Hearing

**for the City of La Habra's**

**2020 Urban Water Management Plan**

**2020 Water Shortage Contingency Plan**

**Appendix J Addendum to the 2015 Urban Water Management Plan**

June 21, 2021



# Public Hearing Items

## 2020 Urban Water Management Plan (UWMP)

- Represents the City's planning elements to satisfy the UWMP Act

## 2020 Water Shortage Contingency Plan

- Provides the City's planned actions to respond to water shortage conditions

## Appendix J Addendum to the 2015 Urban Water Management Plan

- Provides Reduced Delta Reliance reporting to satisfy Delta Plan Policy WR P1

# 2020 Urban Water Management Plan





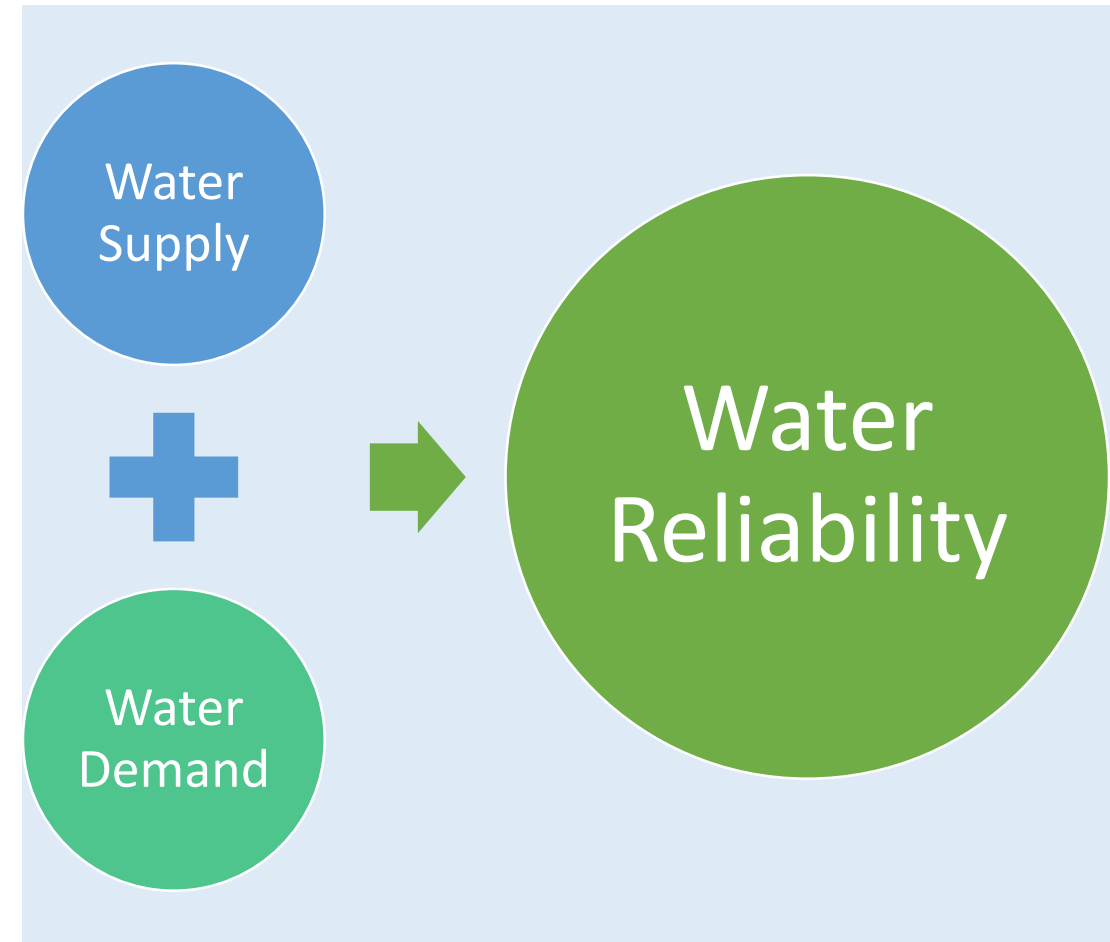
# 2020 UWMP Background

Urban Water Management Planning Act of 1983

To demonstrate to the State that there are adequate water supplies for existing and future demands

Every urban water supplier providing **>3,000 customers** or **3,000 acre-feet of water annually**

To be filed to DWR every 5 years





# New Items in the City's 2020 UWMP

Long-term 5-consecutive year drought assessment for 2025-2045

Near-term drought risk assessment for 2021-2025

Water Shortage Contingency Plan

- Annual Supply and Demand procedures
- Six Shortage Stages, Shortage Response Actions
- Seismic Risk Assessment and Mitigation Plan

Energy Intensity reporting

Reduced Delta Reliance reporting



# City's Water Use and Supply Overview

## Water Use

Water usage decreased since 2013/14 to below 10-year average

Projecting to increase very slightly in 25 yrs

- ~3% increase between 2021 - 2025
- ~0.16% increase between 2025 – 2045

Projected use in 2045 is lower than 10-yr avg.

## Water Supply

### Imported Groundwater (CDWC)

- In 2020 ~ 68% of City's supply
- In 2045 ~71% of City's supply

### Local Groundwater (La Habra Basin)

- In 2020 ~ 31% of City's supply
- In 2045 ~ 27% of City's supply

### Treated Imported Water (Metropolitan)

- In 2020 ~ 1% of City's supply
- In 2045 ~ 1% of City's supply



# Key Findings of City's 2020 UWMP

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The City has **long-term** (25 yrs) water service reliability under average year, single dry year, five consecutive drought years

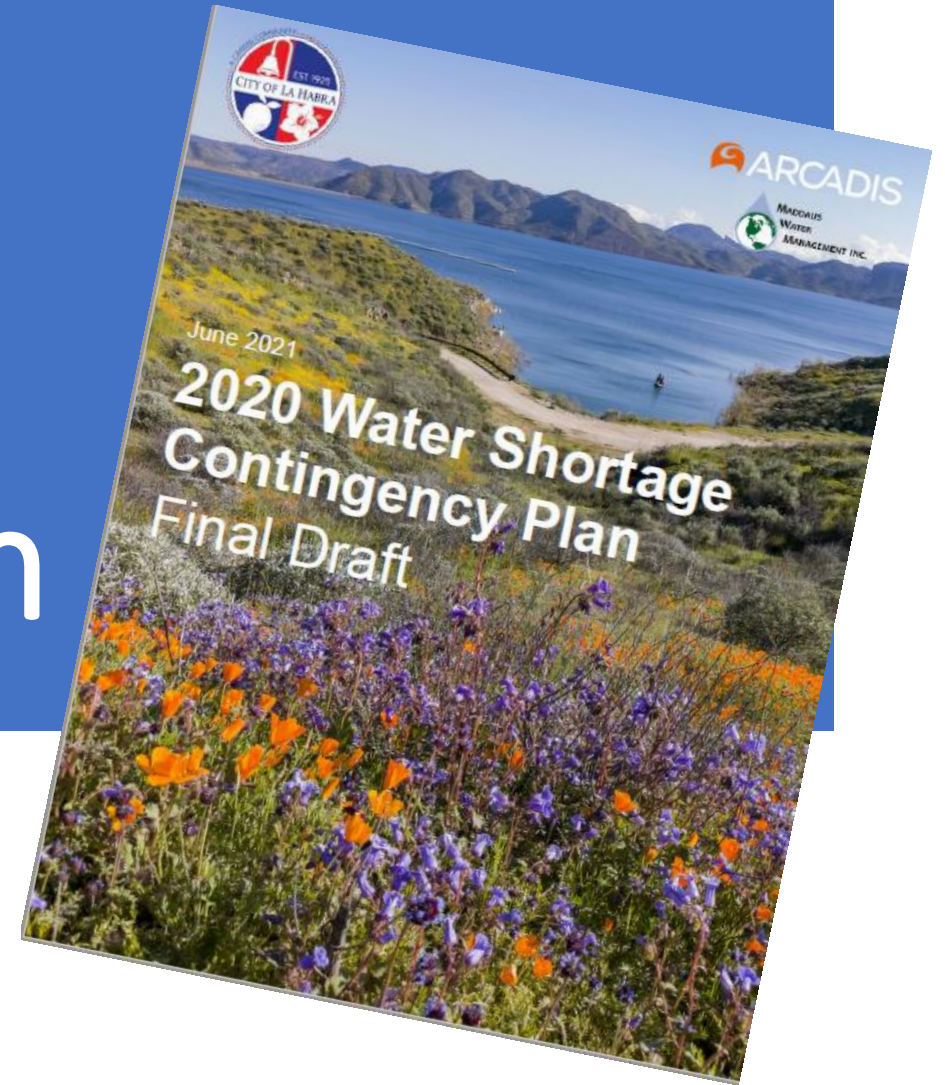
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The City has **near-term** (5 yrs) supply capabilities sufficient for a drought period lasting five consecutive years

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The City has plans for supply implementation and water use efficiency investments to meet its projected water demands

# Water Shortage Contingency Plan





# WSCP Overview

New requirement  
of 2018 Water  
Conservation  
Legislation

- Included in 2020 UWMP but also a **standalone document**

Key Elements of  
WSCP :

- Annual Water Supply and Demand Assessment
- Six Standard Water Shortage Levels
- Shortage Response Actions
- Communication Protocols

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Appendix J  
Addendum to 2015 UWMP  
Reduced Delta Reliance Reporting



# DWR Issued Guidance on Delta Plan Policy

Delta Plan Policy WR P1 requires Suppliers to demonstrate consistency with reduced reliance on the Delta and improved regional self-reliance.

2020 UWMP Guidebook Appendix C helps Suppliers provide reporting described in Delta Plan Policy WR P1

City's reporting is consistent with approach detailed in UWMP Guidebook and MET's and MWDDOC's 2020 UWMP

- Set a **water use baseline** (2010)
- Calculate **water use efficiency** since baseline (out to 2045)
- Calculate **change in per capita** use since baseline (GPCD)
- Calculate supplies contributing to **regional self-reliance** (i.e. water use efficiency programs) (out to 2045)



# Presentation Summary

- ✓ Draft 2020 UWMP and draft WSCP satisfy all UWMP Act requirements
- ✓ Draft Appendix J Reduced Delta Reliance report consistent with guidance
- ✓ Draft plans prepared in coordination with appropriate agencies
- ✓ Draft plans posted for public review
- ✓ Submission on track to meet July 1 deadline



# Recommended Actions

- ✓ City Council to adopt the City's
  - ✓ 2020 Urban Water Management Plan
  - ✓ 2020 Water Shortage Contingency Plan
  - ✓ Appendix J Addendum to 2015 Urban Water Management Plan