

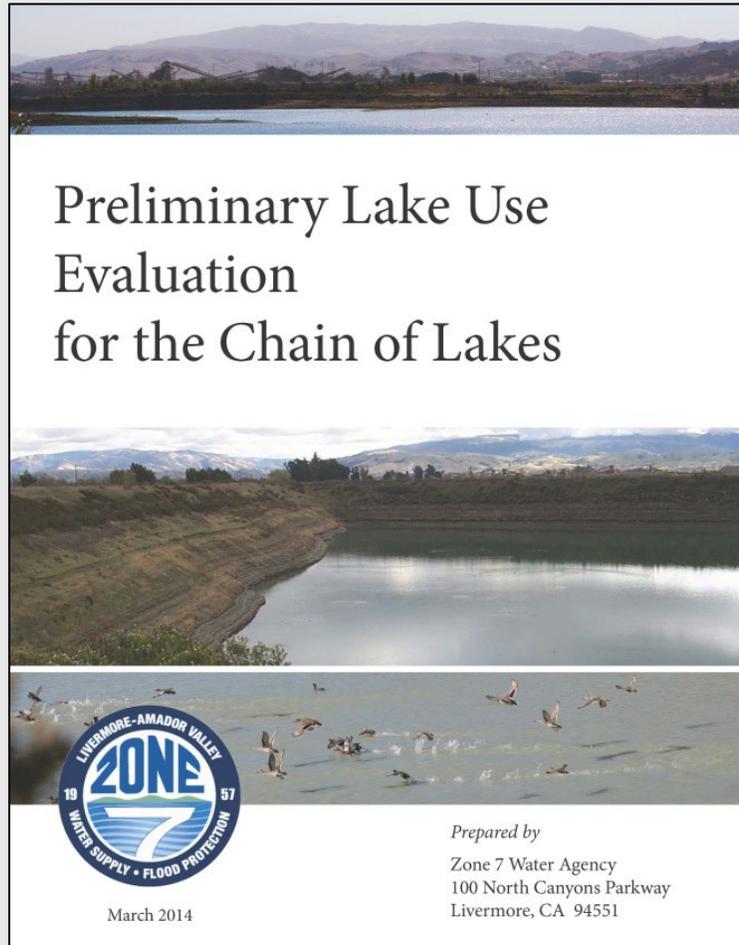
An aerial photograph showing a city with a large reservoir in the foreground. The reservoir is divided into several sections. In the background, there are rugged mountains under a clear blue sky. The text is overlaid on the image.

# Chain of Lakes Lake Use Evaluation Overview

Zone 7 and Pleasanton Liaison Committee  
Meeting

February 24, 2026

# COLs Lake Use Evaluation 2014



- Developed to communicate planned uses internally
- Assist external planning efforts by identifying compatible land-use options
- All lakes were evaluated in an “As Is” condition
- Any identified uses would take priority

# COLs Lake Use Evaluation 2020 Update

*FINAL*

**ADDENDUM 1 – 2020 UPDATE**

**Preliminary Lake Use Evaluation  
for the Chain of Lakes**

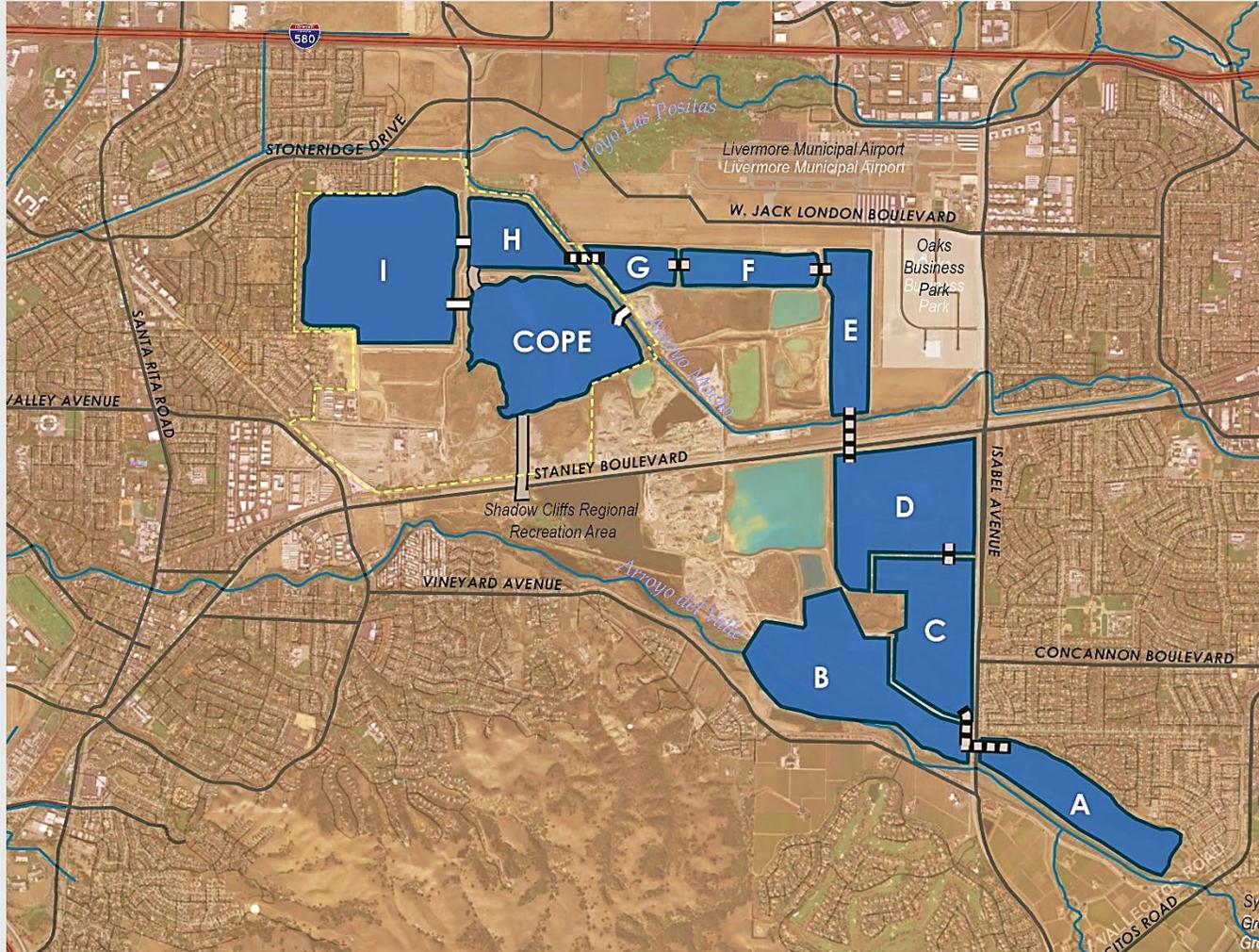
*Prepared by*

Zone 7 Water Agency  
100 North Canyons Parkway  
Livermore, CA 94551

September 2020

- Revisit thinking behind potential lake uses
- Incorporate new information and changed conditions
- Confirm that scoring criteria accurately reflect each use
- Ensure that uses are updated and valid in light of near-term planning efforts

# Background



## The Future Chain of Lakes

- supply a reliable source of high-quality drinking water
- enhance groundwater recharge
- provide effective flood protection

Still under surface mining permits and most still being actively mined or reclaimed

Completion and Zone 7 full operation anticipated by 2065

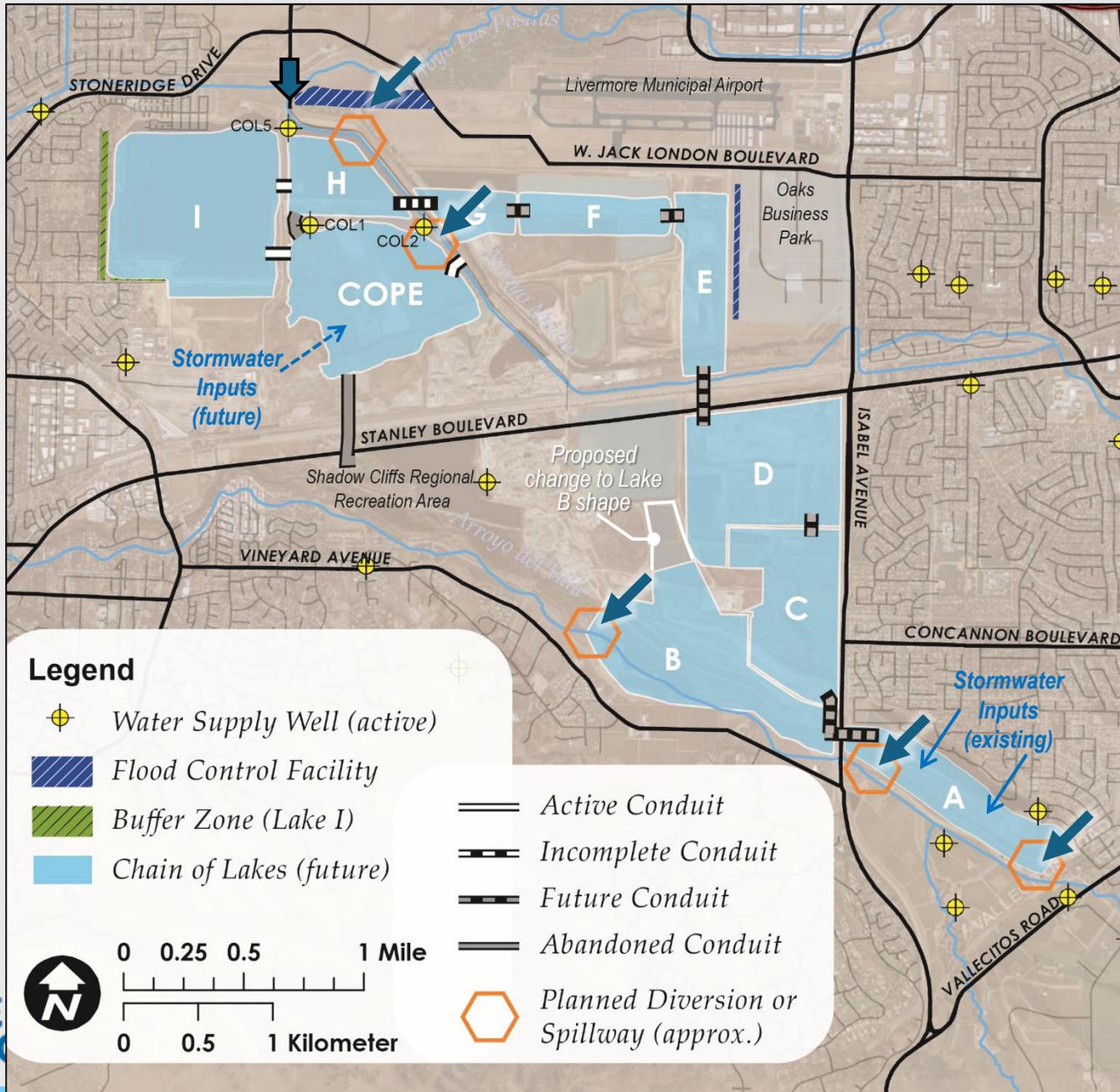
# Potential Uses Evaluated: Zone 7 Primary Uses

POTENTIAL USE	DESCRIPTION
 Stormwater management	Capture of stormwater and/or flood water (e.g., from a 100-year flood event) for flood protection.
 Groundwater recharge	Recharge of the Main Basin with surface water from Arroyo Del Valle diversions, SWP water, or other sources <i>[potentially including purified water for potable reuse]</i> .
 Surface water storage and conveyance	Storage and conveyance of surface water for recharge or later treatment and direct delivery <i>[potentially including purified water for potable reuse]</i> .

# Potential Uses Evaluated: Secondary Uses

POTENTIAL USE	DESCRIPTION
	Recycled water storage Seasonal storage of recycled water for use during the dry season.
	Habitat/Conservation Protected or enhanced wildlife habitat/habitat corridor.
	Active recreation Recreational activities that involve potential body-contact with the lake or its slopes (e.g., swimming, fishing)
	Public education/ Passive recreation Recreational activities that do not involve body contact with the lake (e.g., bird-watching).

# New Developments Since 2014

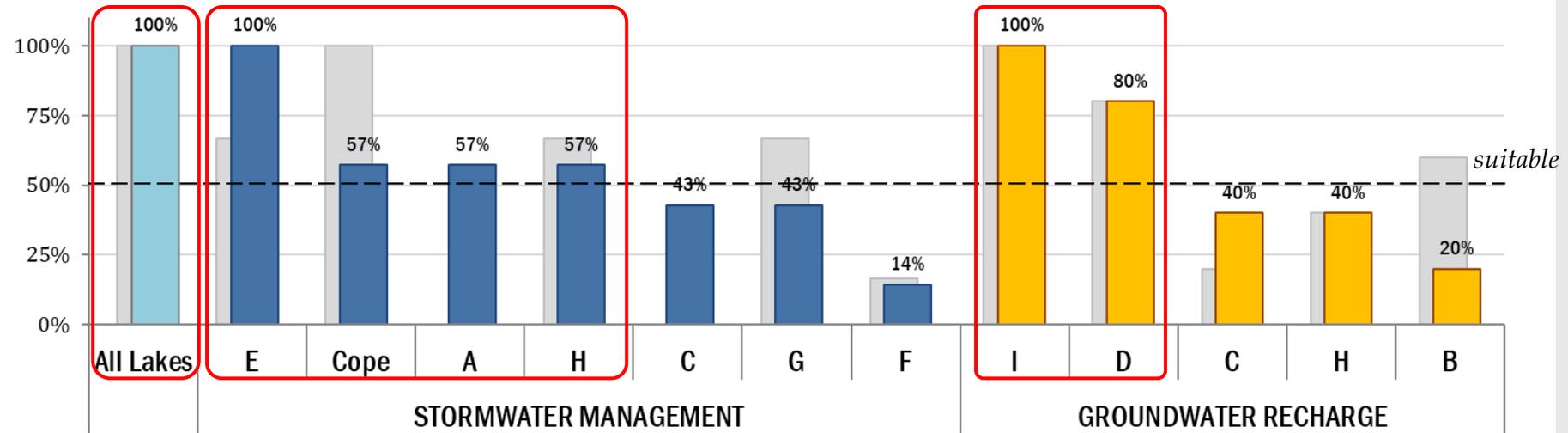


- Chain of Lakes Pipeline (in planning)
- Re-initiation of the EPSP
- Potential use of lakes for potable reuse
- Steelhead listing and identification of potential habitat
- Updated floodplain hydraulic model
- New features:
  - Chain of Lakes No. 5
  - Stormwater runoff
  - Proposed diversions and spillways
- Changes in mining operations
  - Modified lake configurations
  - Changes in timing of lake turnovers to Zone 7
  - Mining permit amendments and revised Reclamation Plans
  - New geotechnical information

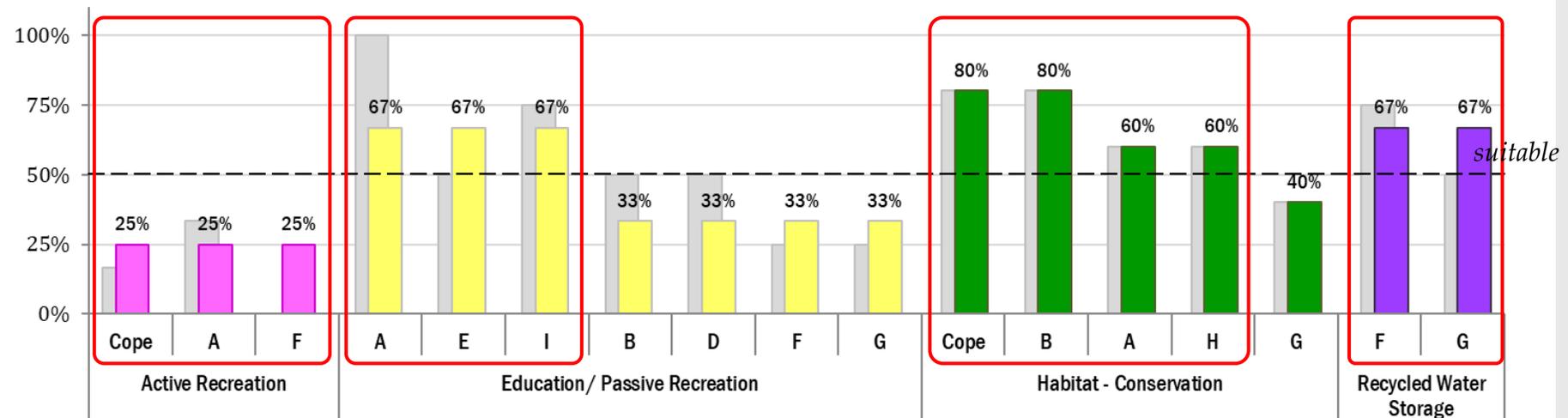


# Summary of Updated Results

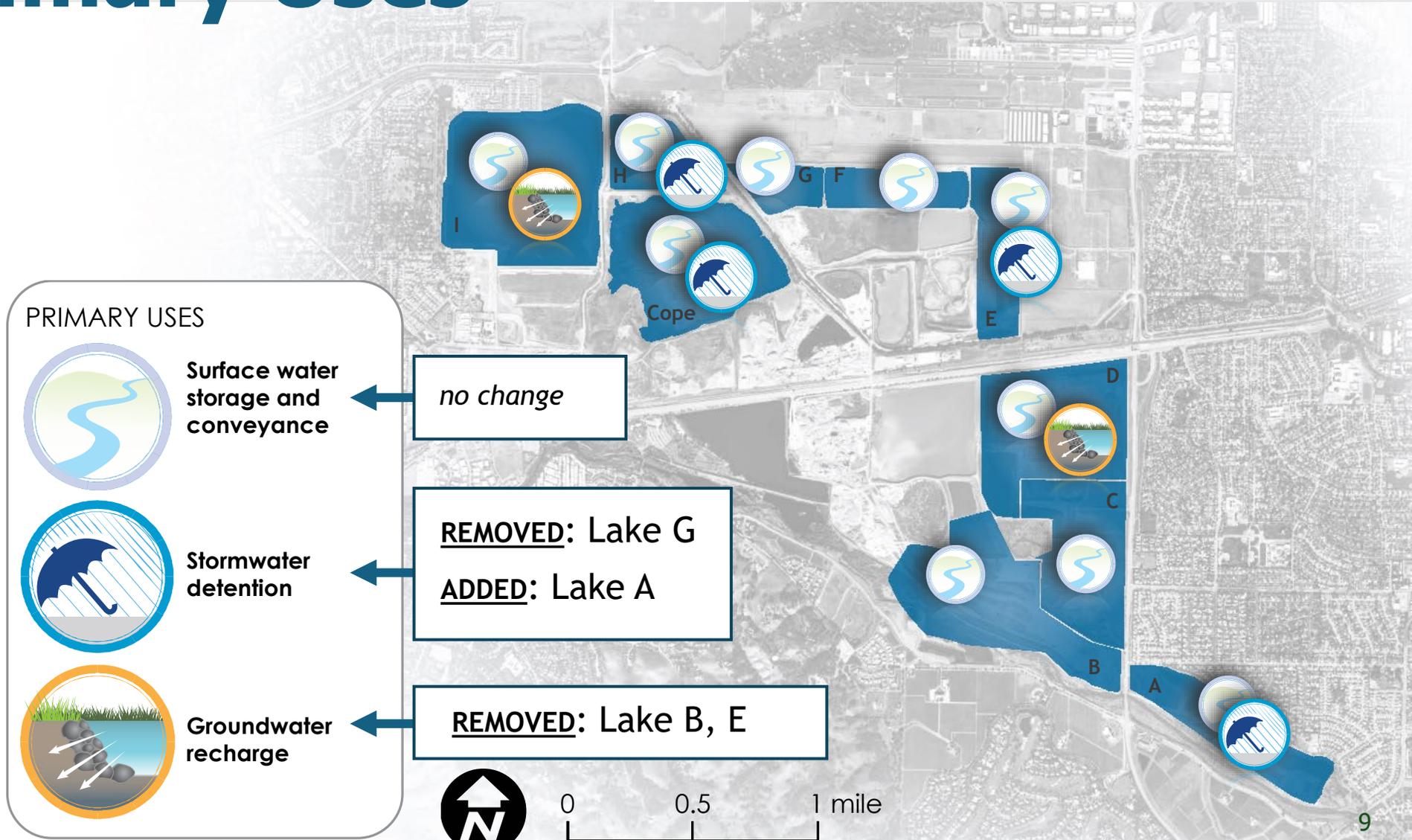
## PRIMARY USES



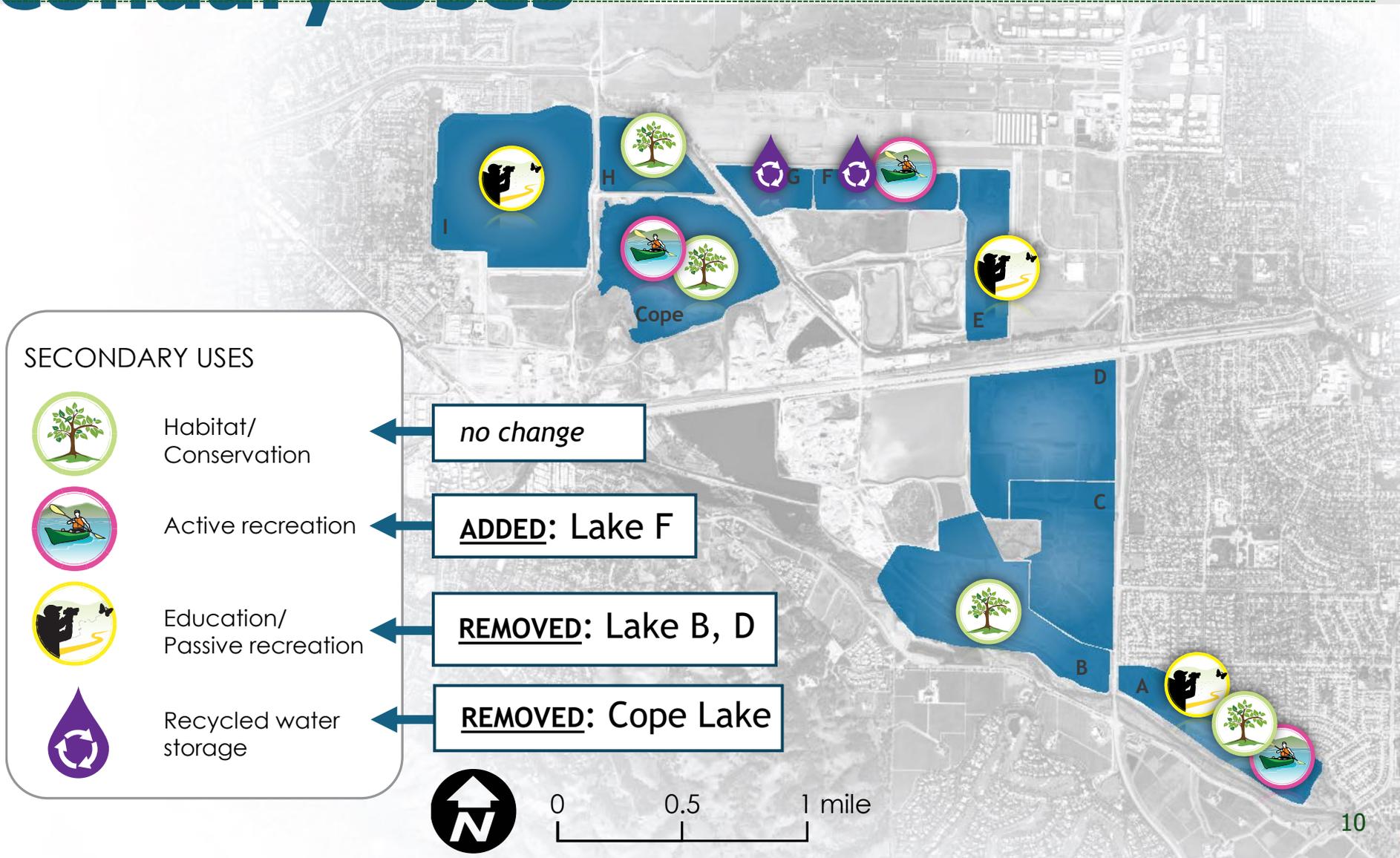
## SECONDARY USES



# Primary Uses



# Secondary Uses



An aerial photograph showing a city and a large water treatment facility. The city is densely packed with buildings and roads, extending towards a range of rugged, green mountains in the background. In the foreground, several large, rectangular water reservoirs are visible, with water that appears slightly greenish. The sky is clear and blue.

Questions?