

Council Meeting of
January 8, 2008

Honorable Mayor and Members
of the City Council
City Hall
Torrance, California

Members of the Council:

SUBJECT: Public Works – Status Report on the current water shortage situation and the potential impact on the City of Torrance. Expenditure: Not applicable.

RECOMMENDATION

Recommendation of the Public Works Director that City Council receive and file a status report on the current water shortage and the potential impact on the City of Torrance.

Funding

Not applicable.

BACKGROUND/ANALYSIS

Due to several issues, Southern California water agencies may face water shortages.

- Water sources
- Current water situation
- What could happen this year
- Possible shortage allocation
- Torrance actions/impacts
- Mitigation measures

Respectfully submitted,



Robert J. Beste
Public Works Director

CONCUR:

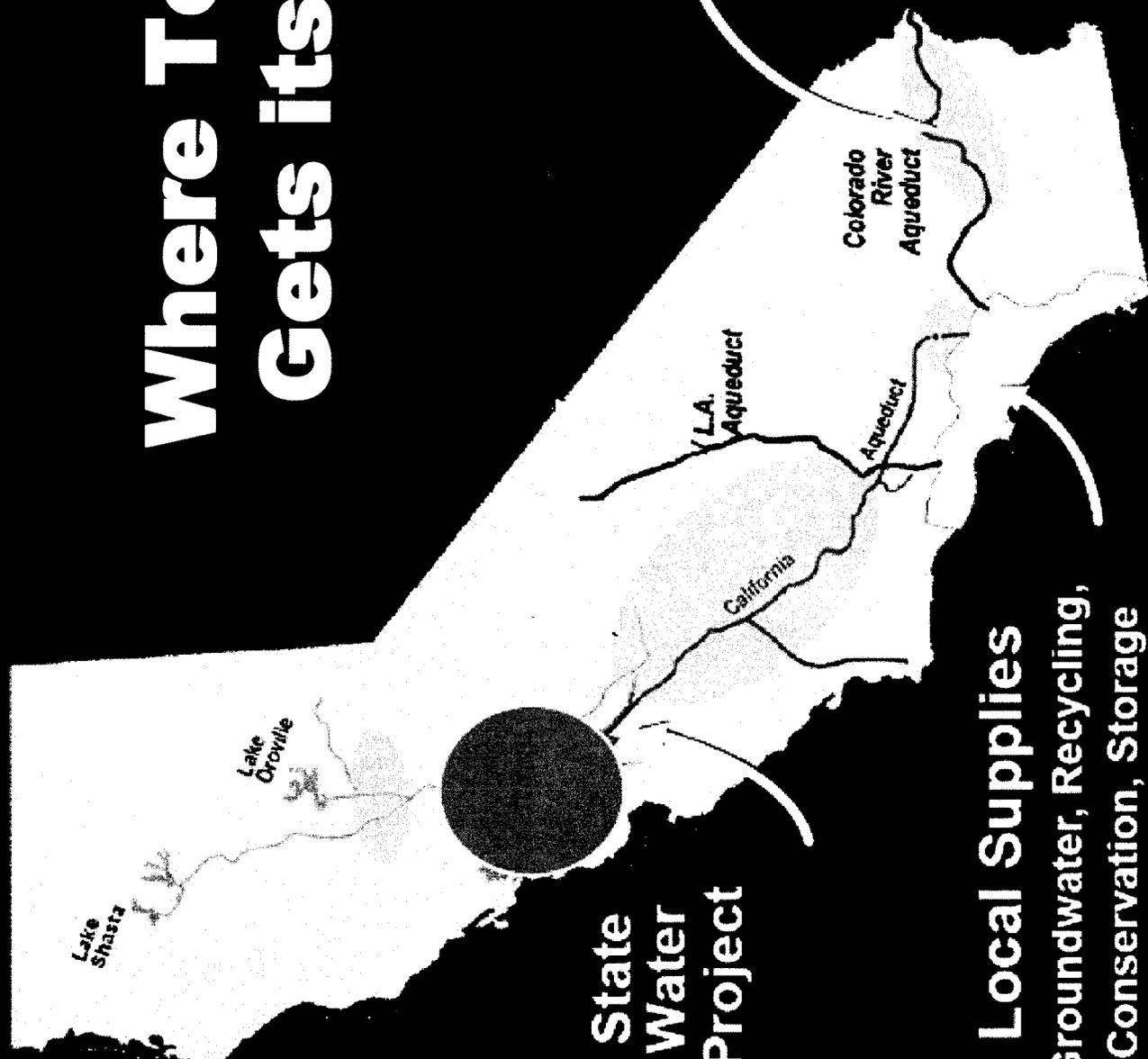


LeRoy J. Jackson
City Manager

Attachment: A. Program Presentation

**Current Water Shortage
Situation
and the
Potential Impact
on the City of Torrance**

Where Torrance Gets its Water



State Water Project

Colorado River Aqueduct

**Local Supplies
Groundwater, Recycling,
Conservation, Storage**

Current Water Situation

- **Lowest Rainfall in LA Basin since 1880**
- **All Major Watersheds Experiencing Droughts - Including Colorado River Project (CRP) and State Water Project**
- **Regulatory Restrictions in Bay-Delta Region Reduces MWD SWP Deliveries**
- **No Reliable Weather Forecast for California at this Time**

What Could Happen in 2008

- **Expect Less SWP Until Bay-Delta Fixes Implemented**
- **No Addition to Water Storage Reserves During Average Rain Year**
- **Possible Mandatory Allocation if Another Drought Year Occurs**

MWD Shortage Allocation Plan

- **Contingency Plan to Ration Imported Water Supplies if Situation Warrants**
- **Use of Penalty Rates to Achieve Conservation Targets**
- **Across-the-Board Cuts to Member Agencies Would Likely be in 5% - 10% Range**

Torrance Actions/Impacts

- **Enact Revised Water Shortage Ordinance**
- **Implement Major Community Outreach and Expanded Conservation Programs**
- **Minimize City Use of Water Including Parks, Landscape Medians, and for Water Quality Flushing**
- **Establish Customer Baseline Allocations and Penalty Rates for Use Above Baseline**
- **Possible Temporary Drought Surcharge to Offset Loss of Revenue**

Measures to Mitigate Current and Future Droughts

- **Re-drill Well #6 to Immediately Increase Local Groundwater Supply**
- **Enhanced Conservation Programs to Achieve Long Term Reductions**
- **Diversification of Local Water Resources to Achieve Greater Reliability and “Water Independence”**