

Review of the 1998 Carson River Management Program



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1998 Carson River Management Plan

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This was a well written report broken into 21
Technical Memoranda

1998 Carson River Management Program

- Recognized that all water has been appropriated
- Any new water for M&I would have to come from an existing water right.
- Goals For Meeting New Water Demands
 - First develop unused water resources – Carson Valley GW
 - Second surface water rights
 - The development of Infiltration Wells in Segment 6, Carson City area, and the Dayton Area.

Any Water Plan developed must be consistent with the Alpine decree and NV Water Law

Most new Water Resources Would Come From Carson Valley

What has changed since 1998

The Underlining Goal of the Carson River Management Plan was the Development of a Dam on the Carson River

- Population Projections

Region	2010	2020	2030	2040	Current
Carson Valley	66,200	98,000	131,700	177,000	45,000 est
Eagle Valley	74,100	99,600	133,900	179,900	56,100
Dayton Corridor+	29,500	48,100	71,200	95,700	< 30,000

+ Does not include Silver Springs

What has changed since 1998 Con't

Projected Municipal Water Requirements (Acre-Feet/Year)

Region	2010	2020	2030	2040	Current*
Carson Valley	16,600	24,500	32,900	44,300	7,510
Eagle Valley	18,500	24,900	33,500	45,000	11,080
Dayton Corridor+	7,400	12,000	17,800	23,900	3,060

+ Does not include Silver Springs

* Five Year Average

What has changed since 1998 Con't

The 1998 Plan Proposed Using Reclaimed Water to Maintain Agricultural in Carson Valley

- Assumed 50,000 AF of reclaimed water in 2040.
- In 1998 the amount of reclaimed water available in Carson, Eagle, and Dayton was 14,000 AF.
- Today the amount is 8,450 AF.

UPPER DATING THE CARSON RIVER MANAGEMENT PLAN

- Balance the water needs among M&I, Agriculture, & Environment
- Better future population growth and water demands
- Understand groundwater and surface water supplies
- Understand groundwater and surface water interaction
- Identify real wet water supplies
- Promote regional water cooperation and water supply
- Identify water storage opportunities and locations
- Identify what if scenarios for possible climate changes
- Identify potential Funding alternatives