

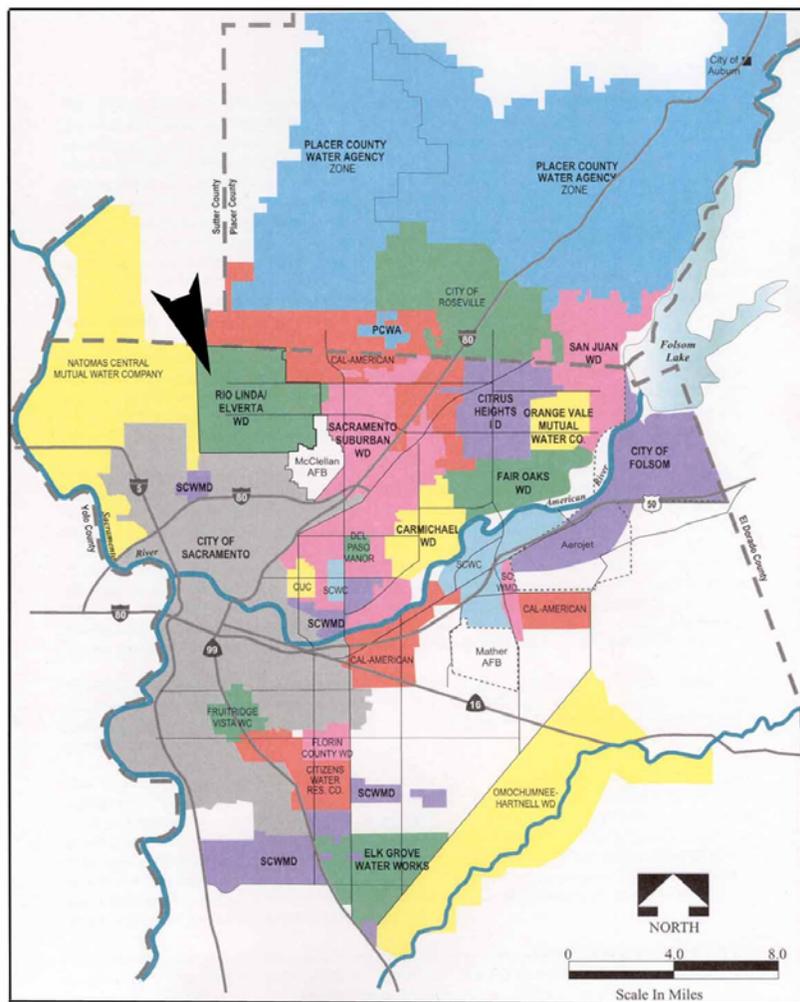
Rio Linda / Elverta Community Water District 2005 Urban Water Management Plan

2. Service Area Information

The Rio Linda / Elverta Community Water District (RECWD) was formed in 1948 as an independent publicly owned special district to serve the unincorporated communities of Rio Linda and Elverta in the northwest portion of Sacramento County. The center of the service area is approximately 8 miles north of downtown Sacramento. RLECWD is entirely within the unincorporated area of Sacramento County. No cities are served by RLECWD.

As shown on Figure 1, the neighboring water utilities in Sacramento County are the City of Sacramento, Sacramento Suburban Water District (formerly Northridge Water District), California American Water Company (formerly Citizens Utilities), and Natomas Central Mutual Water Company. In adjacent Placer County, California American Water Company, Placer County Water Agency and the City of Roseville are nearby water purveyors.

Figure 1 Location Map of Rio Linda / Elverta Community Water District



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Geographically, the service area comprises 11,415 acres (17.8 square miles) of relatively flat terrain ranging from approximately 70 to 30 feet above sea level. Dry Creek flows from northeast to southwest. The Service area is approximately bounded by:

- On the north: the Placer County line
- On the west: the East Levee Road
- On the south: the City of Sacramento boundary, parallel to Ascot Road
- On the east: a series of uneven segments including the McClelland Air Park, 30th St. to U St., westerly parallel to U St, then northerly near Hitching Post Road, westerly to 16th Street, north parallel to 16th Street, easterly to Kasser and northerly to the Placer County line.

The Rio Linda / Elverta service area is composed of clusters of modest homes interspersed with substantial areas of undeveloped agricultural acreage. There is ample opportunity for infill development and large subdivisions. Population growth in the service area is estimated at 2.7 percent annually over the period 2000-2035. A proposed new development is in the planning stages in the community of Elverta, although, construction has yet to begin. The proposed Elverta Specific Plan calls for the development of approximately 1734 acres including over 4500 homes. The proposed land uses include the following:

- 20 acres of elementary schools
- 73 acres of parks
- 18 acres of commercial / professional office sites
- 552 acres of Ag residential zoning
- 9 acres of low density residential zoning (RD 1& 2)
- 827 acres of medium density residential zoning (RD 3-7)
- 43 acres of high density residential zoning (RD 10 & 20)

Commercial, industrial and intuitional customers are relatively few in number. many small businesses operate from homes. As reflected by the employment projections in Table 12, schools and commercial establishments are expected to expand only to service local needs.

Table 2 - Rio Linda /Elverta CWD Population Current and Projected

| | 2000 | 2005 | 2010 | 2015 | 2020 | 2025 | 2030 |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|
| Service Area Population | 16,800 | 18,400 | 20,100 | 21,700 | 24,000 | 27,100 | 30,800 |
| House holds | 5,500 | 5,800 | 6,200 | 6,900 | 7,800 | 9,500 | 9,900 |
| People per Household | 3.1 | 3.2 | 3.2 | 3.1 | 3.1 | 2.8 | 3.1 |
| Employment | | 2,900 | 3,400 | 3,800 | 4,000 | 4,000 | 4,000 |

2000 – US Census for 2000
2005-2025 – SACOG 2004 estimates

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2030 – Projection from SACOG Estimates

Like much of California, RLECWD experiences a Mediterranean climate with hot rainless summers and cool foggy and rainy winters. Summer evenings often benefit from cooling Delta breezes. Climate characteristics are quantified in Table 3 below.

Table 3 – Climate Characteristics

| | Jan | Feb | March | April | May | June |
|----------------------------------|------|--------|-------|-------|------|------|
| Standard Monthly Average ETo(1) | 1.59 | 2.2 | 3.66 | 5.08 | 6.83 | 7.8 |
| Average Rainfall - inches (2) | 3.84 | 3.54 | 2.8 | 1.02 | 0.53 | 0.2 |
| Average Temperature - F° (2) | 46.3 | 51.2 | 54.5 | 58.9 | 65.5 | 71.5 |
| Mean Max. Temperature F° (2) | 53.8 | 60.5 | 64.7 | 71.4 | 80 | 87.4 |
| Mean Min. Temperature F° (2) | 38.8 | 41.9 | 44.2 | 46.3 | 50.9 | 55.5 |
| | July | August | Sept. | Oct. | Nov. | Dec. |
| Standard Monthly Average Eto (1) | 8.67 | 7.81 | 5.67 | 4.03 | 2.13 | 1.59 |
| Average Rainfall – inches (2) | 0.05 | 0.06 | 0.36 | 0.89 | 2.19 | 2.45 |
| Average Temperature - F° (2) | 75.4 | 74.8 | 71.7 | 64.4 | 53.3 | 45.8 |
| Mean Max. Temperature F° (2) | 92.4 | 91.4 | 87.5 | 78.2 | 63.7 | 53.9 |
| Mean Min. Temperature F° (2) | 58.3 | 58.1 | 55.8 | 50.6 | 42.8 | 37.7 |

Sources: 1) California Irrigation Management Information Station #131 Fair Oaks Calif.
2) National Climate Data Center Normals 1970-2000 for Sacramento County Metropolitan Airport

Figure 2 Comparison of Winter and Summer Water Demand for RLECWD.

