

approximately 12 miles east of the City of San Buenaventura and approximately 9 miles west of the City of Fillmore.

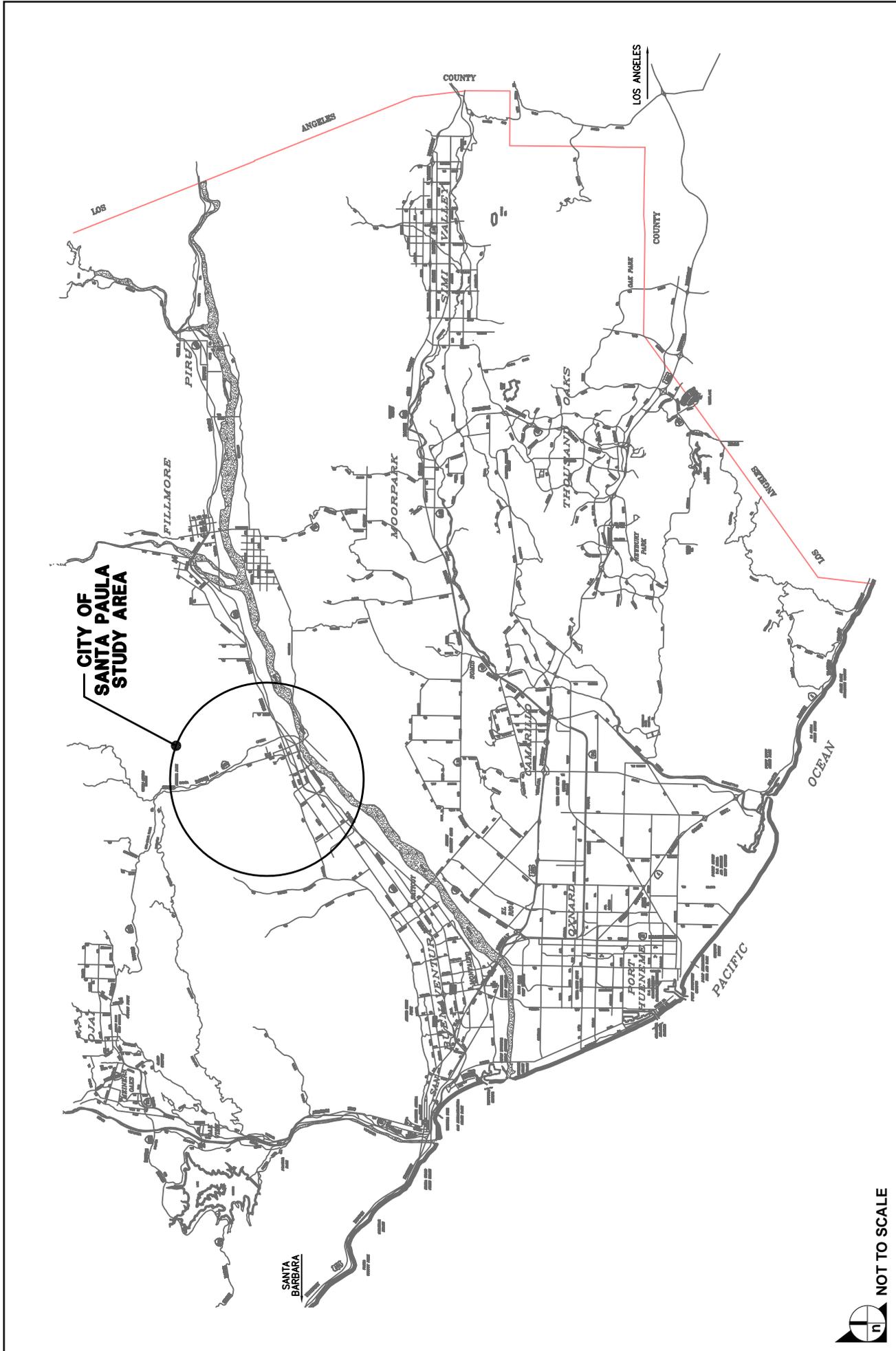
The City of Santa Paula is responsible for water supply and distribution within the City's service area (see **Figure 6, City of Santa Paula Water Service Area**). The proposed project is located outside of the City's corporate boundary but within an area identified in the General Plan for future expansion. A portion of the project site is currently located in the City's water service area, and the entire site would be located within the City's service area after annexation of the site to the City.

3.3 GROUNDWATER ALLOCATION TRANSFERS FROM DEVELOPED PROPERTIES

In accordance with City Municipal Code section 52.021 (Water Resource In-Lieu Fee Ordinance No. 1058), landowners or developers are required to transfer their groundwater rights to the City as a condition of project approval. The intent of the Ordinance is to ensure that new urban land users provide sufficient water resources for their needs without taxing existing users. If the associated water rights are not sufficient to serve the proposed development's anticipated water use (as determined by the City), or if the water rights are held by another entity who cannot or will not dedicate those rights to the City, the developer must purchase additional water rights and dedicate them to the City or pay a water resource in-lieu fee to the City. This ordinance applies to water rights within City limits as well as parcels outside City limits who must receive service from the City Water Enterprise.

The City identified 1,925 AFY of potential groundwater allocations that could be transferred to the City from overlying landowners within the City General Plan boundary. One property includes a reserve of 110 AFY for agricultural uses. Thus, the maximum potential net groundwater transfer is 1,815 AFY. See **Table 3, Existing and Potential City Water Resources and Demand**, for a summary of existing and potential water resources. These transfers will occur in phases during the next 15 years as development occurs within the City. Transfers of allocations will need to be reported to the Technical Advisory Committee in accordance with the Judgment. The SPBPA will then transfer the applicable number of memberships (allocations) when transfers are between association members; a membership is equal to 1 AFY of groundwater allocation.

The City's current (2005) Urban Water Management Plan projects that the City will acquire rights to an additional 454 AFY through allocation transfers within the Santa Paula Basin as provided for in the Judgment. As discussed above, the City will also receive certain Fillmore Basin groundwater rights associated with the roughly 184 acres of the East Area 1 Specific Plan property that overlies the Fillmore Basin.



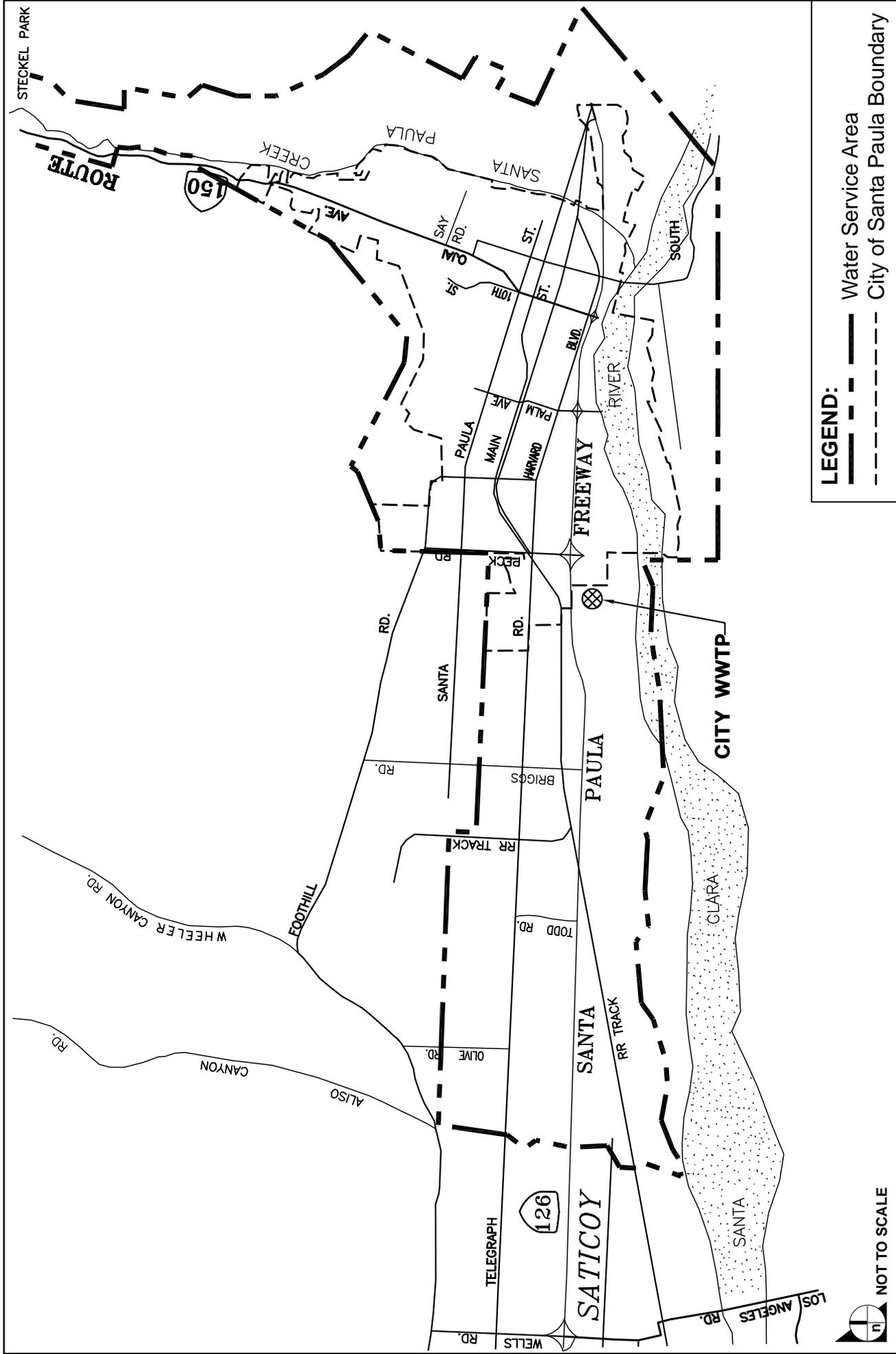
NOT TO SCALE

SOURCE: Kennedy/Jenks Consultants – December 2005



FIGURE 5

City of Santa Paula Location Map



LEGEND:

- Water Service Area
- - - City of Santa Paula Boundary

NOT TO SCALE

SOURCE: Kennedy/Jenks Consultants — December 2005

FIGURE 6

City of Santa Paula Water Service Area

Table 3
Existing and Potential City Water Resources and Demand (AFY)

Supplies	2005	2010	2015	2020	2025	2030
Existing Supplies						
City Wells within the Santa Paula Basin ¹	5,412	5,412	5,412	5,412	5,412	5,412
Santa Paula Creek ²	500	500	500	500	500	500
Subtotal	5,912	5,912	5,912	5,912	5,912	5,912
East Area 1 Supplies						
Santa Paula Basin	816	831.2	831.2	831.2	831.2	831.2
Fillmore Basin	329	314.4	314.4	314.4	314.4	314.4
Subtotal	1,145	1,174.7	1,174.7	1,174.7	1,174.7	1,174.7
Total Existing Supplies	7,057	8,323.3	8,232.3	8,232.3	8,232.3	8,232.3
Potential Supplies						
Santa Paula Basin Groundwater Allocation Transfers ³	0	0	260	520	780	780
Purchased Groundwater Allocations ⁴	0	200	300	400	497	497
SWP ⁵	0	0	0	220	220	220
Recycled Water ⁶	0	400	800	1,200	1,622	1,622
Subtotal	0	600	1360	2,340	3,119	3,119
Total Potential Supplies	8,202.6	9,4032.3	10,952.3	12,912.3	14,470.3	14,470.3
Estimated Demand						
City of Santa Paula	5,102	5,961	6,819	7,678	8,536	8,971
East Area 1 Specific Plan site	1,145	1,145.6	1,145.6	1,145.6	1,145.6	1,145.6
Total Estimated Demand⁷	6,247	7,106.6	7,964.6	8,823.6	9,681.6	10,116.6
Difference (Supply – Demand)	810	2,325.7	2,987.7	4,088.7	4,788.7	4,353.7

Source: City of Santa Paula, Urban Water Management Plan 2005 Update, prepared by Kennedy/Jenks Consultants, June 2006, Table 3-9. Modified to include Fillmore Basin and other allocations for Santa Paula Basin rights-holders supplies.

All values rounded to the nearest 1 AF.

¹ The Judgment allocates 6,085 AF to the City. The City transferred 673 AFY to Canyon Irrigation Company in January 1998. Thus, the City's current allocation is 5,412 AFY.

² The City currently wheels the 500 AFY of surface water from Santa Paula Creek to Farmers Irrigation Company, which uses the surface water in lieu of pumped groundwater, and the City gains 500 AFY groundwater pumping credits in the Santa Paula Basin.

³ Total of 1,815 AFY allocation transfers achieved over 4 equal 5-year periods (approximately 454 AFY per 5-year period).

⁴ The City anticipates purchasing groundwater allocations. It is anticipated that approximately 200 AFY could be developed by 2010, 300 AFY by 2015, 400 AFY by 2020, and 497 by 2025.

⁵ The City has rights to 2,198 AFY. It is anticipated that approximately 220 AFY could be developed by 2020. However, actual delivery may be only 75 percent of water rights (DWR, 2002).

⁶ The City anticipates initiating a recycled water program by 2009. It is anticipated that approximately 400 AFY could be developed by 2010, 800 AFY by 2015, 1,200 AFY by 2020, and 1,622 by 2020.

⁷ 2030 demand represent 2025 demand plus approximately 1 percent per year annual growth in demand.

3.4 RECYCLED WATER

It has been the intent of the City to look for opportunities to increase the beneficial reuse of highly treated wastewater as part of a planned program of water reclamation and consistent with overall City water resources planning. Currently, recycled water is not currently available to the Santa Paula area.

The City has certified a FEIR for a new Water Recycling Facility (WRF), which will be constructed so that it can produce Title 22 water. Title 22 of the California Code of Regulations governs recycled water treatment in California. The treatment plant capacity identified in the EIR is 3.2 mgd, or 3,584 AFY.

Recycled water is anticipated to be available in 2010. The total anticipated recycled water demand for the City would be available for common area irrigation systems using recycled water. This includes Open Space areas and Common Area Irrigation areas as defined in the East Area 1 Specific Plan water demand. The recycled water demand could be fully met with recycled water from the new WRF (construction anticipated to be completed by late 2010) (Table 4, Potential Recycled Water Demand 2005 to 2030).

**Table 4
Potential Recycled Water Demand 2005 to 2030**

Potential Use	2005 (AF)	2010 (AF) ¹	2015 (AF) ¹	2020 (AF) ¹	2025 (AF) ¹	2030 (AF) ¹
Landscape Irrigation ³	0	400	800	1,200	1,622	1,622
Groundwater Recharge	0	2	2	2	2	2
Agricultural Irrigation	0	2	2	2	2	2
Other	0	2	2	2	2	2
Total	0	400	800	1,200	1,622	1,622

Source: City of Santa Paula, Urban Water Management Plan 2005 Update, prepared by Kennedy/Jenks Consultants, June 2006, Table 4-3.

¹ All values rounded to the nearest 1 AF.

² Undetermined.

³ City of Santa Paula, SB610 Water Supply Assessment for the Fagan Canyon Development Project, prepared by RBF Consulting.

Additional recycled water demand may be generated by groundwater recharge, agricultural irrigation, and commercial/industrial recycled water use. The City has not yet prepared a recycled water master plan to evaluate potential users, demand, recharge feasibility, and economic feasibility within the City water service area. It is anticipated that the City would gradually develop a recycled water system to meet the objectives of identified recycled water demand.