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RESIDENTIAL RAW WATER REQUIREMENTS (RWR) SCHEDULE¹
Single Family, Duplex & Multi-Family
Effective January 1, 2015

Raw water is required for the increase in water use created by new development and to ensure a reliable source of supply in dry years. The Raw Water Requirement (RWR) formulas listed below include all residential categories: single family, duplex and multi-family dwelling units. Irrigation taps needed for common area greenbelts that are part of Single-Family developments are assessed water rights on a Non-Residential basis by tap size (see Non-Residential RWR Schedule). Irrigation taps for common area greenbelts of Multi-Family developments are not assessed additional water rights since water rights collected for the buildings include the overall net acreage of the development which contain all lots, spaces, private streets, parking and common areas.

When calculating the number of acre-feet of water needed to satisfy the Raw Water Requirement (RWR), select the appropriate formula listed below. If the net acres are unknown, add the square footage of all lots together and divide by 43,560, the number of square feet in an acre of land.

STANDARD RESIDENTIAL RWR FORMULA

RWR = Raw Water Requirement in acre-feet

Net Acres = Area of development in acres, excluding public street rights-of-way, city maintained tracts and rights-of-way, ditches, railways or other areas typically maintained by persons other than the owner of the premises or an agent of the owner.

$$RWR = 1.92 \times [(.18 \times \text{Number of Dwelling Units}) + (1.2 \times \text{Net Acres})]$$

When used for the following categories, the formula above can be simplified as shown:

Single Family: $RWR = .3456 + (2.304 \times \text{Net Acres})$
max. lot area 1/2 acre or 21,780 sq.ft.

Duplex: $RWR = .6912 + (2.304 \times \text{Net Acres})$

Multi-Family (3 units or more): $RWR = (.3456 \times \text{No. of Units}) + (2.304 \times \text{Net Acres})$

RWR MAY BE SATISFIED BY ANY ONE, OR COMBINATION OF THE FOLLOWING:

- Water rights (stock) acceptable to the City based on current conversion factors
- City of Fort Collins water certificates
- Cash at the rate of \$6,500 per acre-foot of RWR

If the Raw Water Requirement (RWR) is satisfied with water stock or city water certificates, transactions are completed at the Utilities before a water service permit is issued. If satisfied with cash, payment is made at Neighborhood and Building Services upon issuance of a building permit.

¹ Summarized from Sections 26-129, 26-148 and 26-150 of the Code of the City of Fort Collins.