

Water Conveyance Requirements

As new development is proposed, the City requires that water rights or water shares be submitted to the City to cover the proposed water use of new development. The following outlines the City’s water conveyance requirements for new residential subdivisions:

- Dedication of .45 acre-feet for indoor use per residential unit.
- Dedication of 2.5 acre-feet per irrigable acre for outdoor use. Irrigable acreage is determined by subtracting the maximum allowed building coverage from the lot area.
- If applicant is submitting water shares from Hobbie Creek, Mapleton Irrigation Company or in the case of properties west of Hwy 89, East Bench Canal Company, no change application with the State Engineer is needed.
- If applicant is submitting water rights or shares other than those listed above, applicant must process a change application with the State Engineer prior to plat recording. Below is a link to the change application form.

<http://www.waterrights.utah.gov/wrinfo/forms/PermanentChangeApplication.pdf>

Process: Below is a summary of the steps required for complying with the water conveyance ordinance.

- 1) Determine the indoor use requirement. Example: A 10 lot subdivision is being proposed. Multiply 10 units by .45 (required indoor dedication) = a total dedication of 4.5 acre feet for indoor use.
- 2) Determine the outdoor use requirement. Example: A 10 lot subdivision is being proposed, each lot is an acre in size and the allowed building coverage is 35%. Multiply 10 acres by .35 to get allowed building coverage of 3.5 acres. Subtract 3.5 acres (non-irrigable area) from 10 acres and multiply by 2.5 (required outdoor dedication) = a total outdoor water dedication of 16.25 acre-feet.
- 3) Add indoor use and outdoor use to determine total dedication requirement. The example above would require a total dedication of 20.75 acre-feet.
- 4) Submit water to the City using one of the two options below, or a combination of the two:

Option #1: If an applicant has water shares from acceptable irrigation companies (Mapleton Irrigation, Hobbie Creek, & in some cases East Bench) applicant may either process a change application or transfer those shares into Mapleton City’s name and submit the shares to the City with a fee (fee is to cover City’s costs of processing a change application); and or

Option #2: If applicant has water rights or water shares from companies other than those listed in option #1, applicant shall submit a change application to the State Engineer.

- 5) Record the Plat. Once the City has received the water conveyance, and all other subdivision requirements have been met, the subdivision plat may be recorded.

Water Dedication Examples

Zone	Lot Size	Allowed Coverage	Indoor Use	Outdoor Use	Total Dedication (acre-feet)
A-2	2 acre	30%	.45	3.5	3.95
A-2	1 acre	30%	.45	1.75	2.2
RA-1, RA-2	1 acre	35%	.45	1.63	2.08
“	½ acre	35%	.45	.8	1.25
“	1/3 acre	35%	.45	.54	.99