

WATER USE ACCOUNTING FORM INSTRUCTIONS

This form is an essential tool for the management and protection of Town of Castle Valley water rights, so first and foremost, please be accurate. Your right to use Town water rights as described in your Water User Agreement and Permit will not be affected in any way by the information entered on this form. To serve the purposes for which the form was created accurate accounting is essential.

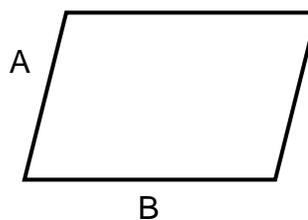
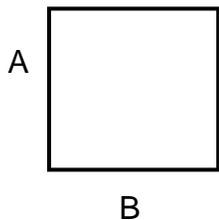
If you understand the instructions below please proceed to complete the form and return it. If you need assistance, someone from the Town can meet you on your lot by appointment to help you through the form completion process. If you would prefer to have someone from the Town survey water use and complete the form for you that can be done if you return a signed "Permission To Enter" form. If the water use on your lot has not changed substantially since 2009 then Town personnel can complete the Water Use Accounting Form for your lot using existing hydrographic data and aerial photographs provided by the Utah DWR. If you prefer this option simply note on the Accounting Form "No change since 2009".

Again, it is important to be accurate, so please read the instructions carefully. If there are any questions, please call the Town at (435) 259-9828 or email the Water Rights Agent at johng@castlevalleyutah.com

1) DOMESTIC (Households) – Enter the number of households on the lot. Except in very special circumstances the quantity will always be 1.

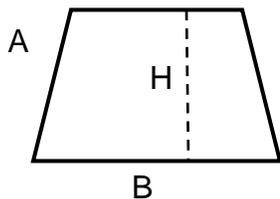
2) IRRIGATION - Lawns, Fields, Pastures, Gardens, Ornamental Beds, and contiguous areas of mixed vegetation, (i.e. any water use that can be expressed as one area). This will require measuring the boundaries of the area and calculating the square footage to be entered. For this purpose an area to be measured can be characterized as a square, rectangle, parallelogram, triangle, trapezoid or circle. Large irregular areas are best broken into smaller areas that can be measured as one or more of those shapes. Measure the dimensions shown and calculate as follows:

Square, Rectangle, Parallelogram



$$\text{Area} = A \times B$$

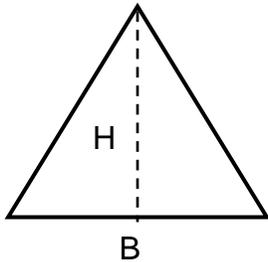
Trapezoid



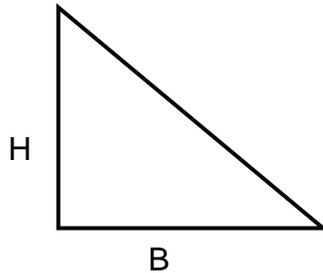
$$\text{Area} = ((A+B) / 2) \times H$$

**Add A + B, then divide by 2, then multiply the result by H

Triangle



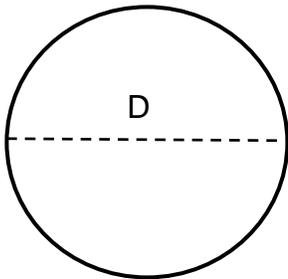
Right Triangle



$$\text{Area} = (B \times H) / 2$$

**Multiply B x H, then divide the result by 2

Circle



$$\text{Area} = (3.143) \times R^2$$

$$R = \text{radius of the circle} = D / 2$$

**Divide D by 2, then square that number (multiply it by itself), then multiply the result by 3.143

3) IRRIGATION – Trees or Shrubs growing individually (i.e. not in irrigated areas with other plants). Enter the quantity of each specified type.

NOTE: Most irrigation can be expressed as an area, using the instructions detailed in #2. This is a much easier way to account for trees, bushes, landscaping plants, grass, ground covers, etc. that grow together in areas that are uniformly irrigated. The counting method in #3 only applies to trees and bushes that are planted individually, separate from other irrigated areas.

NOTE regarding tree and bush irrigation as described in #2 or #3: Utah Division of Water Rights policy stipulates that only plants that must be irrigated to survive are considered as a beneficial use of water rights. Accordingly, native plants such a pinyon pine, juniper, chamisa (rabbit brush), etc. cannot be included in a lot's water use accounting, even if they are being irrigated or are located in areas that are being irrigated (such as a juniper tree in the middle of a lawn).

4) LIVESTOCK – Enter the quantity of each specified type.