

FIGURE 12. ECH<sub>2</sub>ENERGY WATER CONSERVATION RATING FORM

# Water Conservation Rating

Circle appropriate number in each section of Part I, and complete indicated calculations for score in Part I, Part II and total.

## Builder Features

|   | Points | Score                |
|---|--------|----------------------|
| <b>Part I.</b>                                  |        |                      |
| Inside the home                                 |        |                      |
| 1.  |        |                      |
| Toilet  |        |                      |
| 5 gallon tank                                   | 3      |                      |
| 4 gallon or less tank                           | 5      |                      |
| Toilet with shallow trap                        | 8      |                      |
| Toilet with dual cycle flush                    | 8      |                      |
| 2.  |        |                      |
| Shower heads supplied                           | 1      |                      |
| Showers with flow restrictors                   | 6      |                      |
| Showers with thermo. mix valve                  | 2      |                      |
| 3.  |        |                      |
| Kitchen Features                                |        |                      |
| Kitchen tap with aerator                        | 2      |                      |
| Sink with vegetable spray                       | 1      |                      |
| Kitchen tap with flow restrictor                | 2      |                      |
| Dishwasher, 15 gal. cycl. or less               | 1      |                      |
| Dishwasher with energy saver                    | 1      |                      |
| 4.  |        |                      |
| Water lines from water heater, insulated        | 2      |                      |
| Sub total A (Maximum 31 points)                 |        |                      |
| 5.  |        |                      |
| Sewer Charge & Rate Adjustment                  |        |                      |
| (Outside Denver multiply subtotal A by 0.8)     |        |                      |
| (Inside Denver multiply subtotal A by 1.3)      |        |                      |
| Part I Score (subtotal A ____ × Item 5 ____ ) = |        | <input type="text"/> |

## Part II

Outside the Home

A. Gross area of lot or bldg. site in sq. ft. \_\_\_\_\_

B. Less area for:

- House foundation area \_\_\_\_\_
- All walks & driveways \_\_\_\_\_
- Not on Public R.O.W. \_\_\_\_\_
- Patios @ Grade \_\_\_\_\_
- \*Estimated Unplanted areas next to house foundation \_\_\_\_\_

Total Plantable area = A - B = C \_\_\_\_\_ sq. ft.

Points for Part II

|                    |                |    |
|--------------------|----------------|----|
| C equals less than | 3,000 sq. ft.  | 15 |
|                    | 5,000 sq. ft.  | 10 |
|                    | 8,000 sq. ft.  | 4  |
|                    | 10,000 sq. ft. | 2  |

Total score Part II

Add Total Score Part I and Part II

Total Water Conservation Score

Total Water Conservation Score

Total Energy Score

TOTAL ECH<sub>2</sub>ENERGY RATING



The Denver Water Board has advised in the preparation of this form and approves the suggested ratings.

## Outside Water Saving Ideas

Water is scarce in the Denver area. Average annual precipitation is 17 inches. Denver area water companies are eliminating a minimum charge for water and are going to charge for all of the water you use. Therefore it saves you money to be waterwise and not waste water needlessly.

You can usually save the most water outside your home.

1. The Denver area experiences warm dry summers. Historically approximately 50% of a homeowner's annual water consumption is used in watering the yard.
2. Denver area soils are mostly clay which absorbs water very slowly. Steep slopes planted with lawn encourage water runoff and waste.
3. Groundcovers other than lawn will decrease the need for water and reduce water waste and runoff and save you money.
4. \*Much of the Denver area soil contains materials which swell when wet. This can cause considerable structural problems if landscaping is planted close to the house foundation and requires watering. Lawn next to the house also dries out faster from reflected sun heat. Save water and reduce trouble by keeping landscaping that requires irrigation 6 ft. away from the house foundation.
5. Certain plants are healthier and require less water in the Denver area. Consult your nurseryman or landscape architect.
6. The above suggestions are offered as helpful hints since your homebuilder does not provide landscaping nor does he want to interfere with your individual choice or desires.
7. The Home Owners Warranty Corporation of Colorado (H.O.W.) and your home builder endorse landscaping techniques which require minimal irrigation. Keep your warranty protection intact by following that guideline.

## Additional Information

These are other energy and water saving features, offered by this builder, that have not been included on the non-exclusive checklist.

The Home Builders Association of Metropolitan Denver, the Public Service Company of Colorado and the Denver Water Board does not verify the accuracy of information provided by individual builder/member participants in this ECH<sub>2</sub>ENERGY program.

### Prepared By

Name \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_ Firm \_\_\_\_\_

### Verified By

Signature \_\_\_\_\_

Appraiser \_\_\_\_\_ Date \_\_\_\_\_