



Appendix I: Vegetation Management – Dryland Irrigation

Standard Operating Procedure

1. Purpose:

1.1. To define standards for irrigating dryland areas on City owned property.

2. Scope

2.1. These standards will apply to all dryland grass areas that occur on parks, greenways, right-of-ways, and open space areas during a defined mowing season.

3. Overview:

3.1. Dryland grasses are drought tolerant and require less water than typical turf species. Utilizing a proper watering regime for dryland areas will allow the City to reduce water consumption.

4. Definitions:

4.1. Dryland – Areas consisting of native grasses or non-native pasture grasses that do not need supplemental water unless regularly mowed. Examples of grasses are blue grama, buffalograss, smooth brome, and crested wheatgrass.

4.2. Residential Greenways – Greenways with adjacent residential development such as the Oligarchy and Rough-and-Ready Greenways. They have an eight (8) foot wide concrete trail that runs parallel to a drainage.

4.3. Trail Side Urban Interface – The area within a Residential Greenway between the trail and the edge of residential development.

4.4. Non-Trail Side Urban Interface – The mowed area within a Residential Greenway adjacent to residential development on the side of the drainage where there is no trail.

4.5. Natural Area – The area within a Residential Greenway between the Trail Side and Non-Trail Urban Interfaces.

4.6. Non-Residential Greenway – Greenways where there is no adjacent residential development such as sections of the St. Vrain and Left Hand Greenways. They are either 8 or 10 foot wide concrete paths sometimes with an adjacent crusher fines

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path.

- 4.7. Use Areas - Areas that are used for picnics, campgrounds, storage, entry ways, and special events.
- 4.8. Seeded Areas - Degraded lands seeded to establish perennial grasses.
- 4.9. Road Right-of-Way – The areas immediately adjacent to and within a road which the City is responsible for maintaining.

5. Procedure:

5.1. Residential Greenways

5.1.1. Trail Side Urban Interface

5.1.1.1. Irrigate no more than one (1) inch per watering, two (2) days per week.

5.1.2. Non-Trail Side Urban Interface

5.1.2.1. Irrigate only to support plant health as needed no more than one (1) inch per watering, two (2) days per week.

5.1.3. Natural Area

5.1.3.1. Irrigate only to support plant health as needed no more than one (1) inch per watering, two (2) days per week.

5.2. Non-Residential Greenways

5.2.1. Eight (8) Foot Concrete Trail

5.2.1.1. Do not irrigate.

5.2.2. 10 Foot Concrete Trail

5.2.2.1. Do not irrigate.

5.2.3. Crusher Fines Trails

5.2.3.1. Do not irrigate.

5.3. Use Areas

5.3.1. Irrigate no more than one (1) inch per watering, three (3) days per week.

5.4. Seeded Areas

5.4.1. Provide supplemental irrigation, if possible, to aid in the establishment of the grasses. Once grasses have been determined to be established, follow the standards of Section 5 of this document for the respective area that was seeded.

5.5. Road Right-of-Way

5.5.1. Side of Road

5.5.1.1. Irrigate no more than one and a half (1.5) inches per watering, three (3)

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days per week.

5.5.2. Median

5.5.2.1. Do not irrigate.

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