

The Human-Ecology Interface: Urban Riparian Restoration

Mateo Scoggins, Ana Gonzalez, Staryn Wagner,
and John Clement



Dominant Paradigm

- Simple
- Clean
- Move away water



Dominant Paradigm

- Native
- Wild
- Clean
- Healthy

Reality



Reality



Watershed Protection Department

Mission Impossible:

- Water Quality
- Flood (Water Quantity)
- Erosion

Solutions:

- Regulatory
- Structural
- Non-structural...

Barriers to non-structural restoration?



Flood Risk!

- Friendly engineers
- Flexibility
- Tenacity



General Notes

Plant all saplings in designated planting areas.
Space saplings approximately 3 ft apart.
Planting zone starts at bank of creek and runs 15-25 ft perpendicular to the stream.
Plant all saplings between the marked flags that corresponds to your assigned planting zone.

Legend

- Parking Area
- Planting Area
- Meeting Area
- Creeks
- COA Parkland



0 40 80 160 Feet

No change!

- Partnership
- Science!
- Outreach
- Tenacity



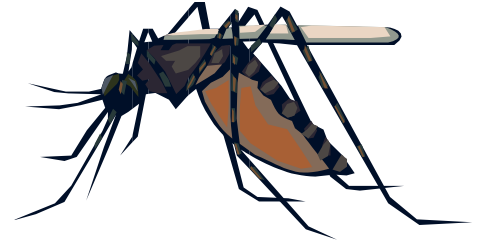
Ugly! Neglect!

- Signage
- Mow edges
- Local partner
- Volunteers
- Outreach



Fear!

- Science
- Outreach
- Partnership



Exotic! Invasive!

- Volunteers
- Outreach
- Partnership



A photograph of a natural landscape. In the foreground, a narrow, shallow stream flows through a dense field of green grass and weeds. The stream is surrounded by thick vegetation. In the background, a dense forest of tall, green trees rises up a slight hill. The sky is visible at the top, showing a clear blue color. The overall scene is vibrant and green, suggesting a healthy, natural environment.

1. Local engagement/Access

2. Diverse partnerships

3. Focused outreach

4. Science/monitoring

5. Flexibility/tenacity



Questions?