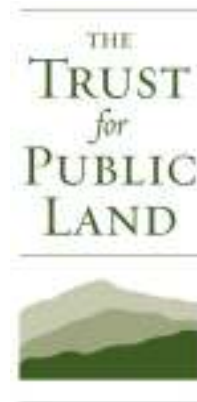




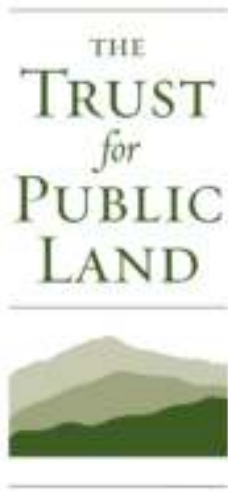
## West Fork San Jacinto Watershed Greenprint



# About the Conveners



**H-GAC** is the regional organization through which local governments consider issues and cooperate in solving area wide problems.



**The Trust for Public Land** conserves land for people to enjoy as parks, gardens, and other natural places, ensuring livable communities for generations to come.



# Agenda

- Welcome and Introductions
- Project Overview
- Overview of Greenprint Mapping
- Small Group Discussions of Greenprint Goals
- Report Backs
- Wrap Up



# Greenprint Overview





Through Greenprinting, The Trust for Public Land:

- Helps communities make informed decisions about protecting important resources; and
- Facilitates stakeholders working toward common goals using state-of-the-art mapping software.



## What is a Greenprint?

### It is:

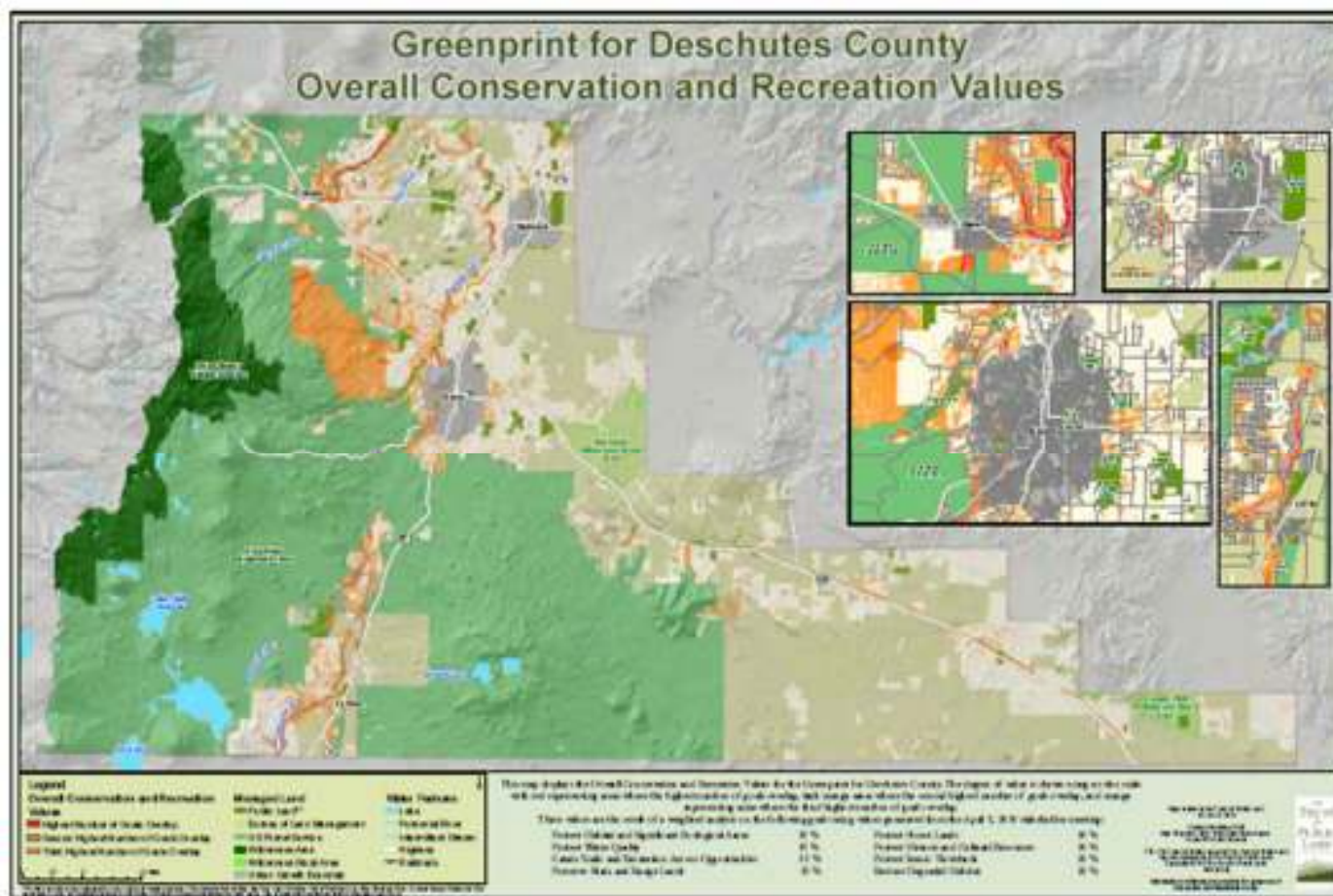
- A set of tools (including interactive maps) to guide land conservation and stewardship
- Based on community goals
- Process to identify opportunities to meet multiple goals
- A way to prioritize areas for voluntary, market-based conservation

### It is NOT:

- A map of land use prohibitions
- Determined by one (or a few) perspectives
- Limited to protecting wildlife
- Related to condemning or taking land/private property



# How do you create a Greenprint?





# 1. A community conversation is held about priorities.







**2. Data is collected and translated into a GIS model.**





### **3. Criteria are weighted according to community goals.**





#### 4. Maps are created that reflect community priorities.





## 5. Stakeholders create a plan for realizing their Greenprint.





## Example: Chambers County Greenprint for Growth and Conservation

“The Greenprint is a ‘roadmap’ for Chambers County’s future, one that will help us save what’s best in the county, while we also build and grow as a community.”

– Jimmy Sylvia, Chambers County Judge

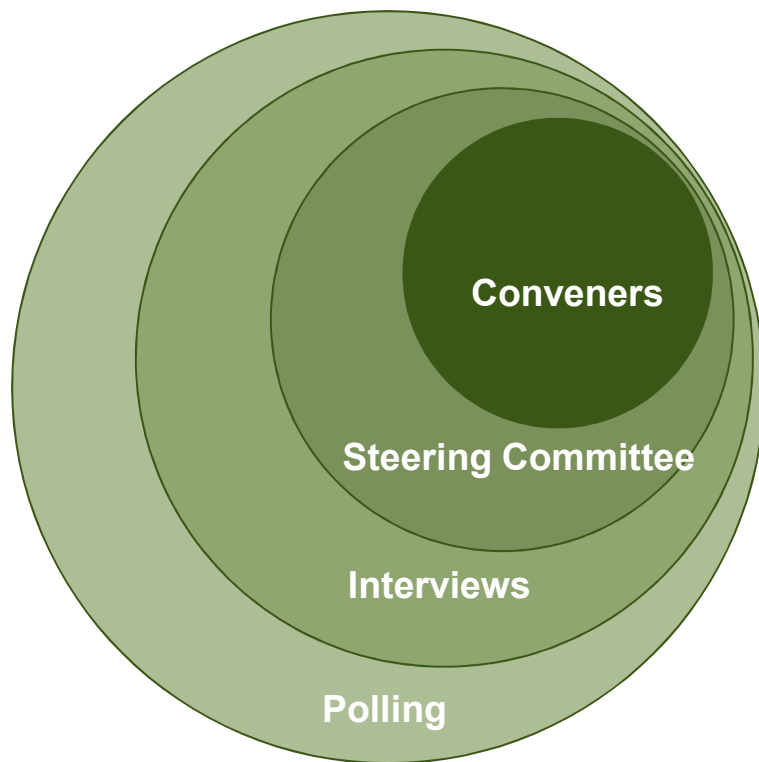


## Why a Greenprint for Chambers County?

- Steer growth away from key resources
- Focus locations for infrastructure
- Protect floodplains as a cost-effective alternative to repairing flood damage
- Preserve the community's unique local heritage



# Community Involvement





## Chambers County Greenprint Conservation Goals



Preserve Natural Habitat



Target Restorable Habitats



Protect Water Quality



Protect and Restore Natural Drainage



Maintain Rural Character



Create More Public Access for Nature-Based  
Recreation







# West Fork San Jacinto Watershed Greenprint



*Photo by Jim Olive*



# West Fork Greenprint Study Area





## West Fork Greenprint Objectives

- Help the communities in the study area plan for a future that balances development pressures with protection of important resources, particularly water quality.
- Help foster a strong foundation for economic growth by setting priorities for preserving natural and recreational resources that are critical to local quality of life.



## West Fork Greenprint Goals (what we are planning to map)

- Protect water quality; and
- Provide opportunities for water-based recreation.



# West Fork Greenprint Draft Guiding Principles

- **Local Values and Priorities.** Programs intended to enhance conservation efforts must be based on local values and priorities. Our local natural, recreational, agricultural, and open space areas are unique.
- **Agriculture.** Residents value our local agricultural heritage. We encourage conservation efforts aimed at protecting agriculture.
- **Economic Opportunity.** Surrounding beauty, recreational opportunities, and open spaces all play a vital role in making our area a desirable place to live and work. Conservation can promote viable agriculture; increase property values; attract ecotourism; and provide income to individual landowners through incentive-based conservation.
- **Conservation is Voluntary.** Greenprint partners only support conservation efforts with willing landowners. We do not support the use of eminent domain for conservation.
- **We Respect Private Property Rights.**



## Community Outreach

- Steering Committee Feedback (including meetings)
- Interviews (began in April)
- Public poll (Montgomery County)



## Role of Stakeholders/Steering Committee (that's you!)

- Serve as liaisons: Gather information about what your communities think ought to be included in the project and share updates about the project
- Identify and review draft conservation goals
- Provide guidance to a Technical Advisory Team on the conservation maps
- Contribute to development of an action plan
- Describe project goals and outcomes to other interested parties and the public





## Draft Tasks and Timeline

1. Current Conditions Analysis (February – June 2015)
2. Introduction Meeting and Interview Trip (April 2015)
3. **Steering Committee Meeting #1 (Kick Off Meeting) – Discuss Project Goals and Identify Criteria (now!)**
4. Model Design and Implementation (June-October 2015)
5. Steering Committee Meeting #2 – Model Presentation and Refinement + Implementation Planning (Fall 2015)
6. Final Report and Community Messaging (Early 2016)
7. Prioritization (Early 2016)
8. Steering Committee Meeting #3 – Finance and Implementation Workshop (Early 2016)
9. On-Line Mapping Site Creation, Training, and Maintenance (March-June 2016)



# Overview of Greenprint Mapping



# Greenprint Analysis and Mapping

- Translates regional values into objective metrics.
- Reflects community's vision and unique open space resources.
- Offers a unique blend of science and preference.





# Analysis and Mapping Approach

1. Resource Analysis
2. Parcel Prioritization





# Technical Advisory Team (TAT)

## **Purpose:**

Provide expert review and advice regarding design, data input, rationale, outcomes, and mapping.

## **Responsibilities:**

- Participate in 2-4 TAT meetings (by phone/computer)
- Verify the completeness and appropriateness of analysis methodology
- Recommend best available data sources
- Help ensure that defensible science is used for all models and assumptions
- Review input data and model results for accuracy and currency
- Determine relative importance of each criteria



# Guidelines and Definitions

## Goal

- Overall community value related to open space
- Succinct statement that begins with a verb
- Implications for Greenprint outcomes
  - Each goal will be represented in a resource priorities map
  - Provides a thematic framework for guiding resource management and land stewardship

## Criteria

- Location-specific characteristic – stewardship/access will guarantee progress towards the Goal
- Measurable and mappable (data exists?)
- Reflect prior studies and existing priority areas
- Implications for Greenprint outcomes
  - Define content for resource goals
  - Weighted and combined by technical advisors to create conservation priorities (goal) maps



**Steep Stream Banks**



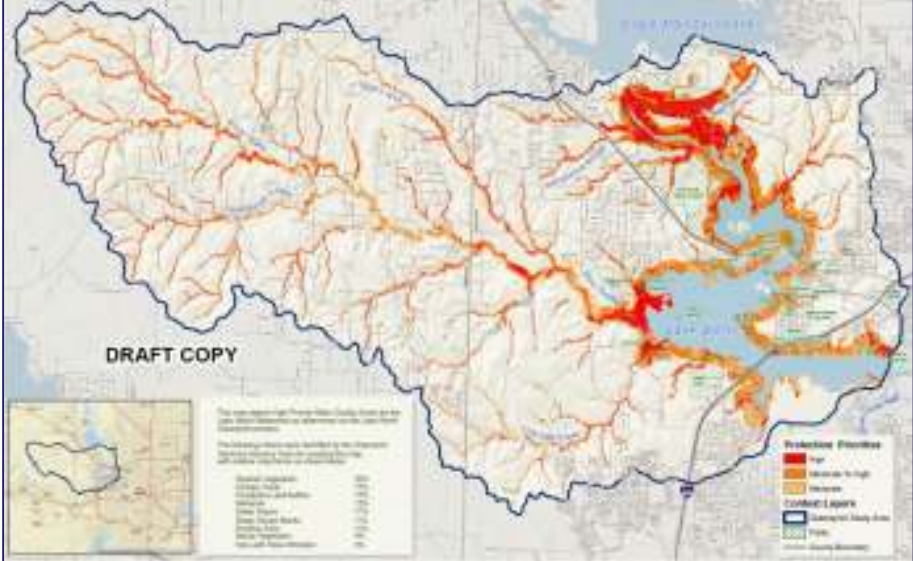
**Erodible Soils**



**Steep Slopes**



**Lake Worth Greenprint - High Priority Water Quality Zones**



**Canopy Cover**



**Native Vegetation**



**Riparian Vegetation**

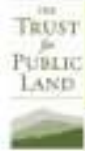


**Wetlands**



**Floodplains and Buffers**





## NCTCOG Water Quality Protection Greenprint Parcel Report

Tax ID: 17060-6-9C

Parcel Acres: 6.9

Land Use: UNDEVELOPED

### Conservation Indicators

Aquifer Recharge Zone: No  
Adjacent to a Stream: No  
Adjacent to the Reservoir: Yes

Adjacent to Protected Lands: No  
Protected: Yes



### Goal: Protect Water Quality

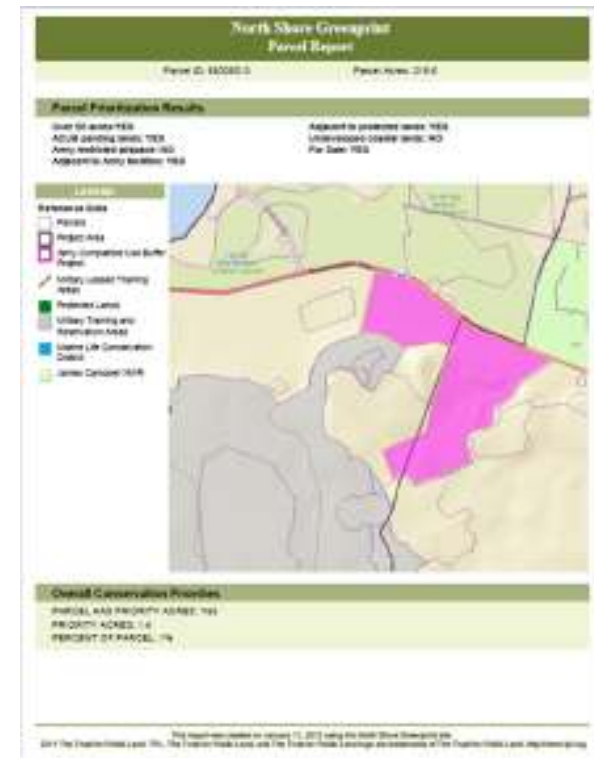
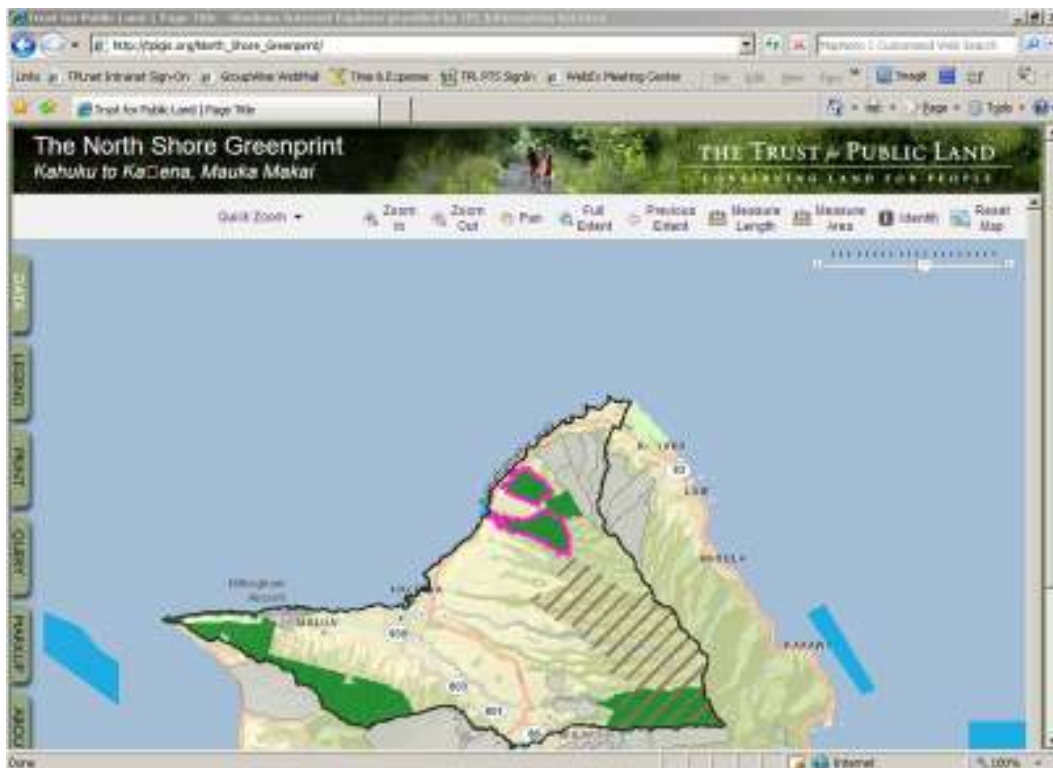
PARCEL HAS PRIORITY ACRES: Yes  
PRIORITY ACRES: 3.0  
PERCENT OF PARCEL: 43%

	PARCEL HAS PRIORITY ACRES	PRIORITY ACRES	PERCENT OF PARCEL
Landuse	Yes	0.6	9%
Proximity to Streams	Yes	2.4	34%
Proximity to Ponds and Wetlands	Yes	0.9	14%
Water Erosion Potential	Yes	6.7	97%
Floodplains	Yes	6.9	100%
Proximity to the Reservoir	Yes	6.9	100%





# Web-based Greenprint Delivery





## Small Group Discussions of Greenprint Goals

*Please discuss each for 15 minutes:*

1. Protect water quality; and
2. Provide opportunities for water-based recreation.



## Next Steps

- Volunteers needed for Technical Advisory Team (see Fred). TAT will meet between Steering Committee meetings.
- Steering Committee Meeting #2 in fall 2015 to refine maps, discuss prioritization, and begin planning for implementation.
- Steering Committee Meeting #3 in early 2016: finance and implementation workshop.



**Thank you!**



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