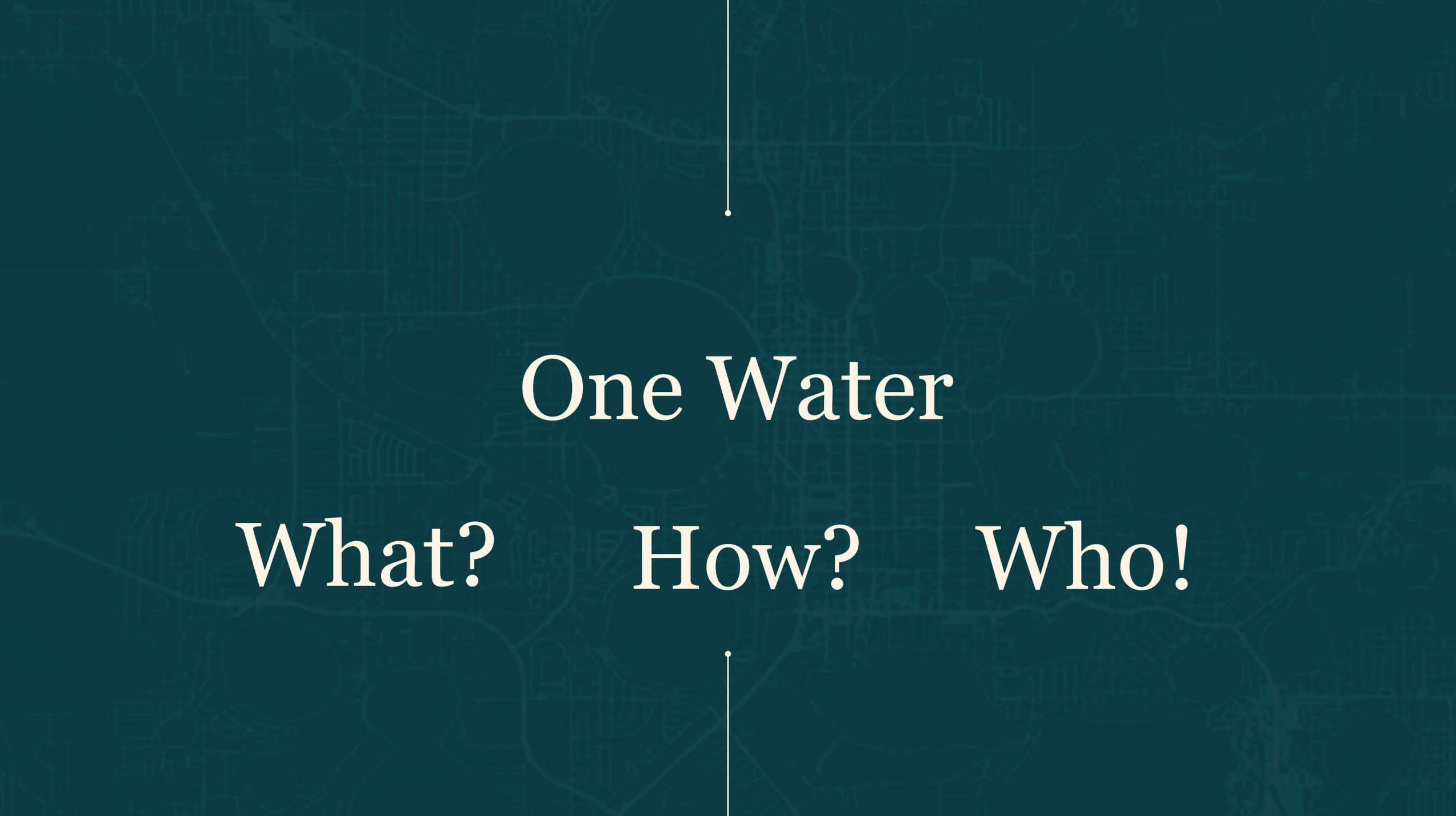


WINTER HAVEN
THE CHAIN OF LAKES CITY

WH

One Water

KEELI CARLTON- WINTER HAVEN WATER PROGRAM ADMINISTRATOR



One Water

What? How? Who!



City of Winter Haven

Water Department

One Water

An integrated approach to managing all water, fresh and brackish, wastewater, recycled water, stormwater, surface and groundwater within a watershed in a sustainable manner that maintains the ecosystem while providing reliable and resilient water resources that provide economic, environmental and social benefits.



Winter Haven

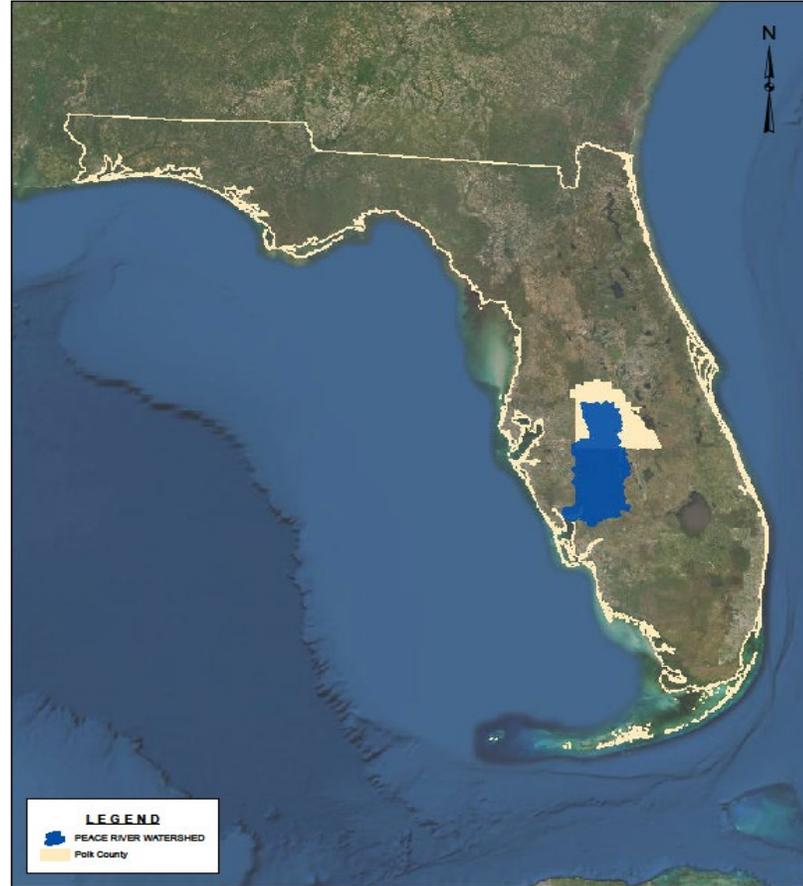
The Chain of Lakes City



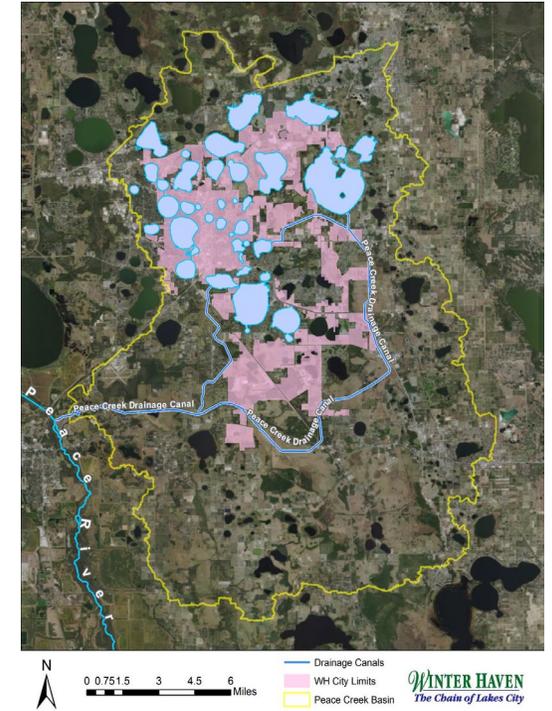
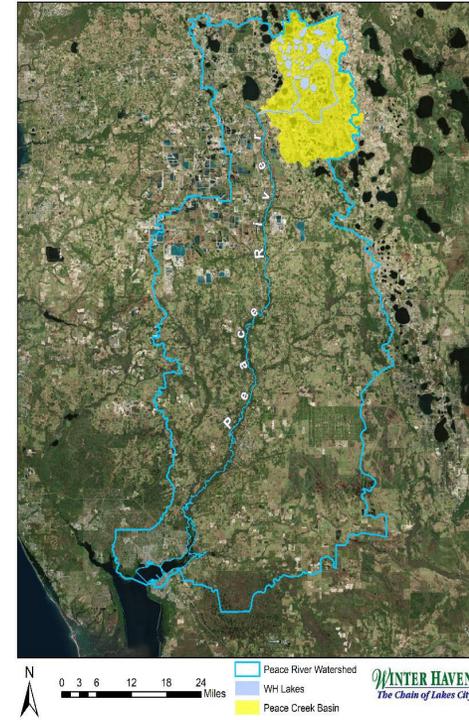
City of Winter Haven

Water Department

Location



PEACE RIVER WATERSHED AREA





City of Winter Haven

Water Department

Read All About It!



Polk County is one of the fastest-growing areas in the nation, U.S. Census says

[Maya Lora](#) The Ledger

Published 3:04 p.m. ET May 7, 2021

[View Comments](#)



The Floridan aquifer: Why one of our rainiest states is worried about water

Florida's booming population is writing a water check its aquifers can't cash; from lawn sprinklers to kitchen faucets, Florida needs to cut back and use less water.





City of Winter Haven

Water Department





Winter Haven's Integrated Approach to Water Management



1 Restore

Restoring lakes and wetlands that provide natural water storage

2 Recharge

Replenishing the natural aquifers using green infrastructure

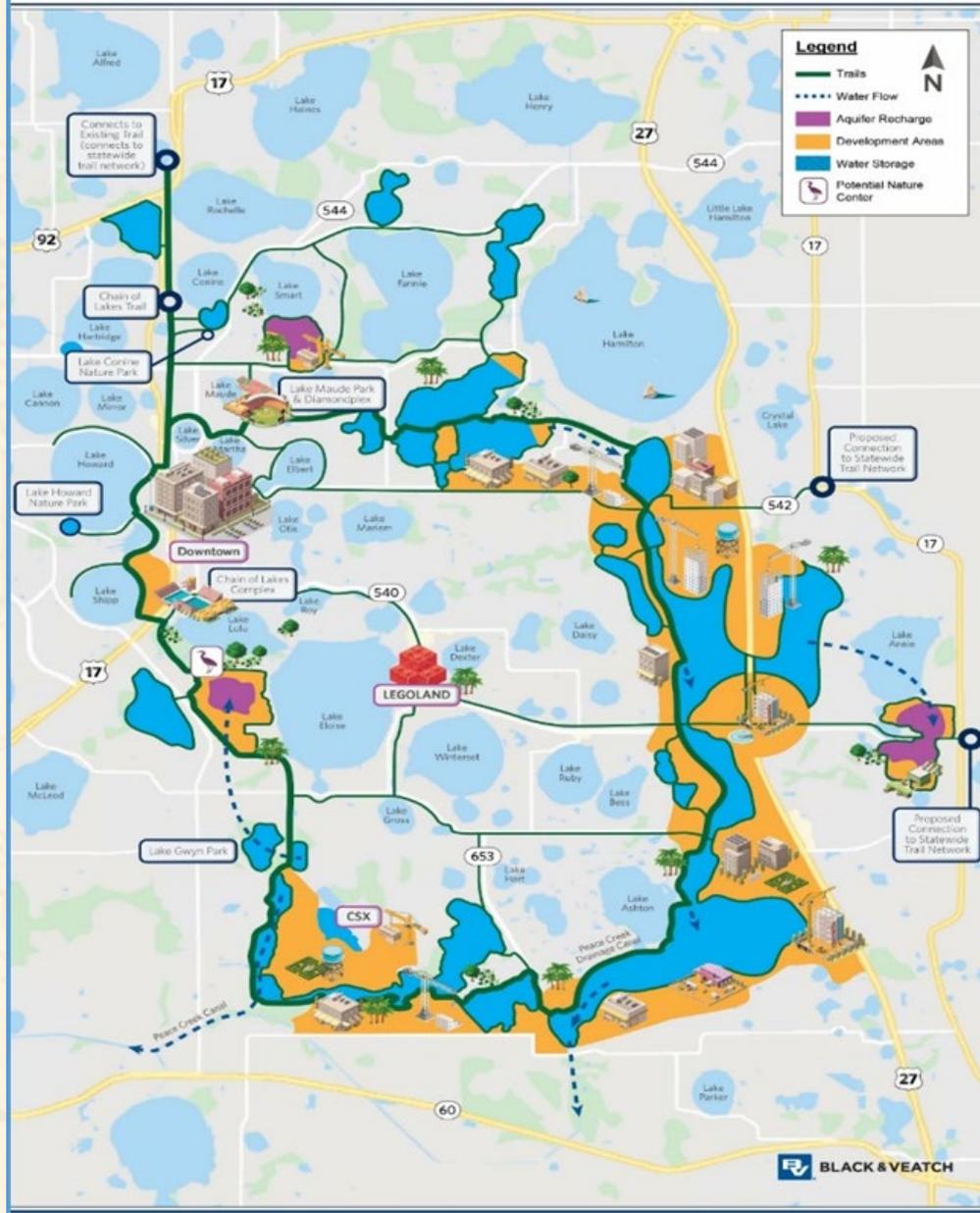


3 Reclaim

Modernizing reclaim and wastewater treatment technology

4 Reuse

Increasing the life cycle of water as a renewable resource in Winter Haven





Implementation



City of Winter Haven

Water Department

Leadership & Team Work

- Internal Collaboration: Integrated Water Management Team
- Decades of Data: Monitoring Water Resources (i.e.: The Lakes)
- Leadership: Innovative, Strong, Understanding



One Water Master Plan

- Water and Wastewater Treatment Facilities Expansion/Consolidations
- Stakeholder Engagement Plans
- Water Conservation Plan
- Guidance Document(s) for Land Development
- Economic Evaluation (Value of Nature Bases Solutions)
- Population/ Water Demands Forecasting
- Optimization Study



City of Winter Haven

Water Department

Engagement Opportunities

- Community
- Growth/ Development
- Agency Partnerships
- Land Owner Partnerships
- Grant Funding

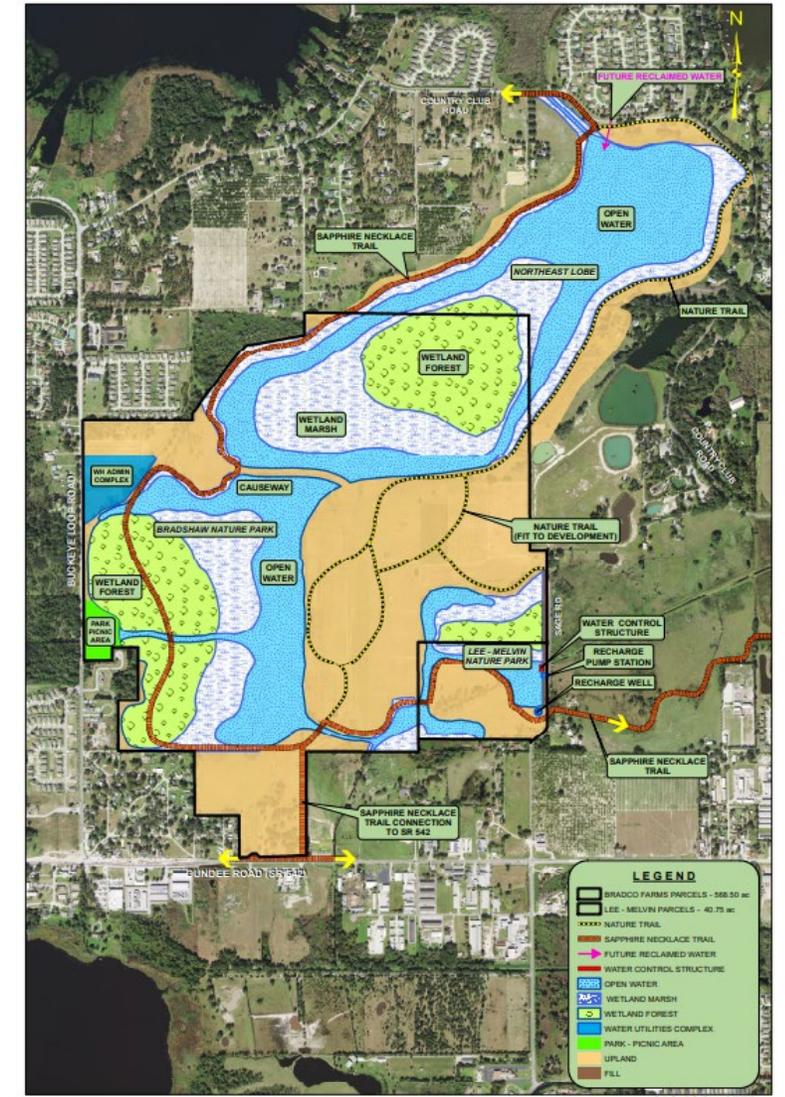


City of Winter Haven

Water Department

The First Gem

- Wetland Restoration
- ASR
- Public access to water and trails
- Uplands retained by property owner for development
- Utility Complex



BRADCO FARMS / LEE -MELVIN
NATURE PARK CONCEPT
PROPERTY PURCHASE

