

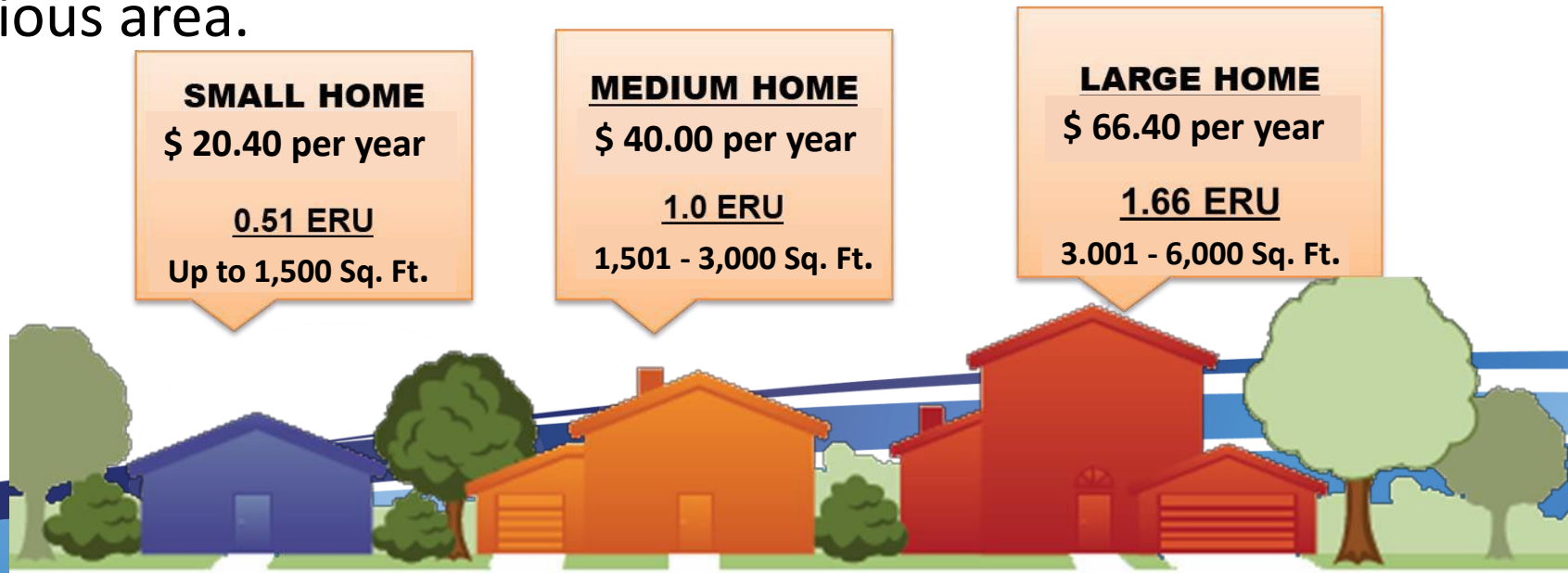


Alachua County Stormwater Assessment

Joint Water Policy Committee
February 24, 2020

\$40 Equivalent Residential Unit (ERU)

- 1 ERU equals 4,011 square feet of impervious area.
- Most Residential properties assessed in tiers based on roof area.
- Very large homes and all other properties assessed by measuring onsite impervious area.




Allocation of Assessment Funds


- Board Policy is 50/50 split between:
 - Water Quality (EPD)
 - Drainage System Maintenance (Public Works)
- Estimated revenue: \$1,889,715 total (\$944,858 split)



Water Quality Examples

- Pollutant Source and Transport Studies
 - Lochloosa Lake Initiative – Nutrient Source Analysis
 - Residential Nitrogen Leaching Study
 - Water Quality Improvement Projects
 - Sweetwater Preserve Trailhead Improvement Project
 - Climate Change Vulnerability Analysis
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Lochloosa Lake Initiative

- Lake is impaired for nutrients. Recently included in the Orange Creek Basin Management Action Plan.
 - Load reduction allocations from FDEP in 2019.
 - Project goal is to identify sources of nutrients in the watershed and locations for potential nutrient reduction projects.
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Residential Nitrogen Leaching Study

- Study being conducted through UF to estimate nitrogen input to groundwater from residential landscapes.
- Field study conducted on actual residential properties.
- Initial work will be completed in the spring.
- Potential “Phase 2” will look at top dressing with compost and impacts of reclaimed water.



Sweetwater Preserve

- Project goals:
 - Address erosion from stormwater
 - Improve parking for Preserve
 - Reduce nutrient load from stormwater
 - Performance monitoring of LIDs
 - Stormwater education
- Coordination between:
 - County
 - GRU
 - Wild Spaces Public Places

