



DEPARTMENT OF PLANNING AND ZONING NORTHAMPTON COUNTY, VIRGINIA

Sandra G. Benson, AICP
Director

Planning Commission
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Virginia Coastal Zone
MANAGEMENT PROGRAM



This report was funded in part by the Virginia Coastal Zone Management Program at the Department of Environmental Quality through Grant #NA09NOS4190163 from the National Oceanic and Atmospheric Administration, Office of Ocean and Coastal Resource Management, under the Coastal Zone Management Act of 1972, as amended

To: Laura McKay, Program Manager, Virginia Coastal Zone Management Program

From: Peter Stith, Long-Range Planner, GIS Coordinator, Northampton County 

RE: NOAA Grant: NA 09NOS4190163, Northampton County Blue & Green Infrastructure Protection

Date: October 26, 2012

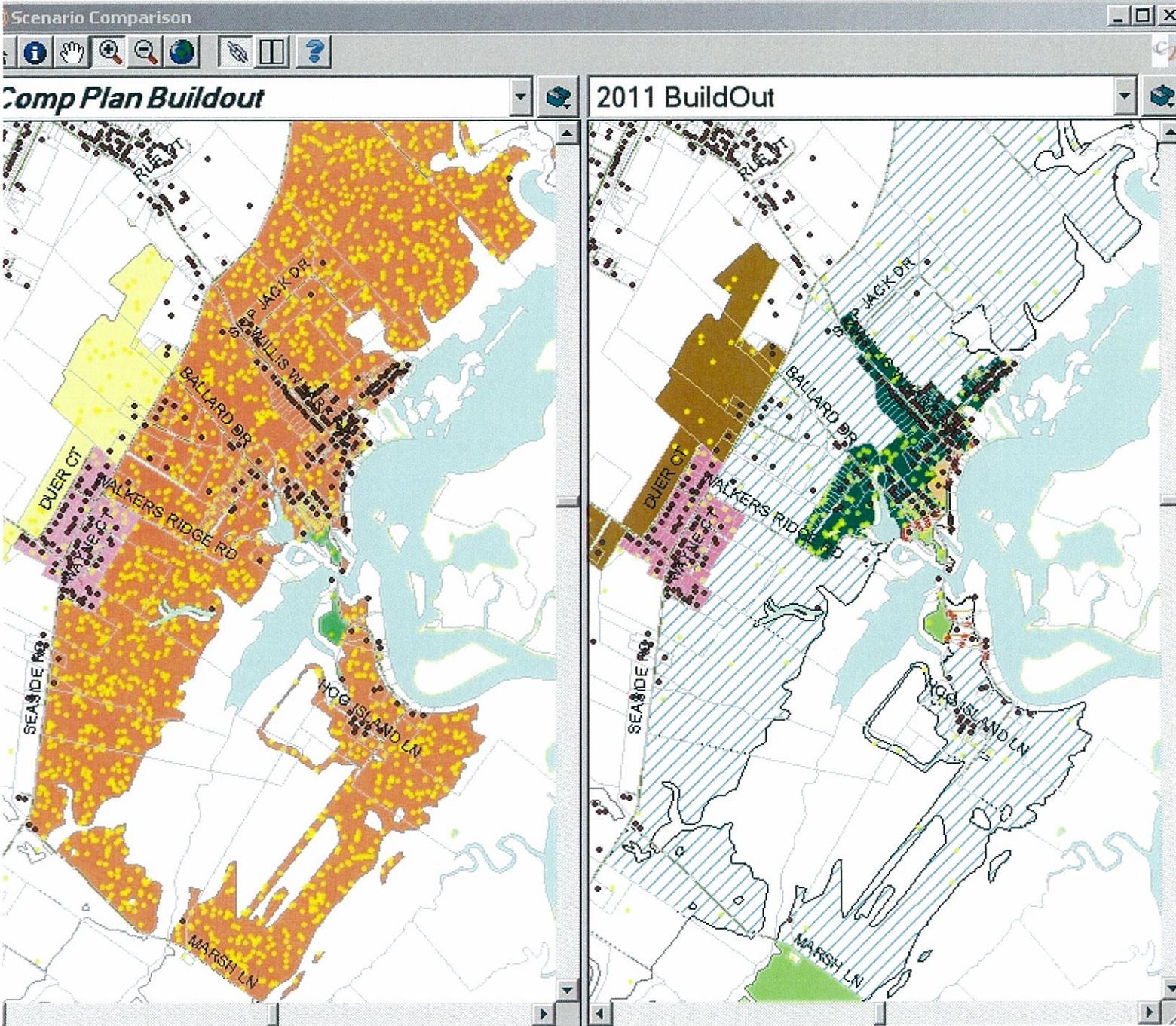
The CommunityViz training completed for this grant was used to run a build-out scenario for Northampton County using existing zoning and Comprehensive Plan densities. Build-out scenarios were also created using the Priority Conservation Area's most imperative area to protect (PCA-5) as a constraint to development. These scenarios were run separately from the Comp Plan and Zoning scenarios. A separate build-out was also conducted for the incorporated towns (*Note: Cape Charles had recently conducted a build-out and those figures were incorporated with our numbers for the other four towns, Cheriton, Eastville, Nassawadox and Exmore). The data layers that were created included:

- Build-Out Comp Plan Density
- Build-Out Zoning Density
- Build-Out Comp Plan Density (with PCA-5)
- Build-Out Zoning Density (with PCA-5)

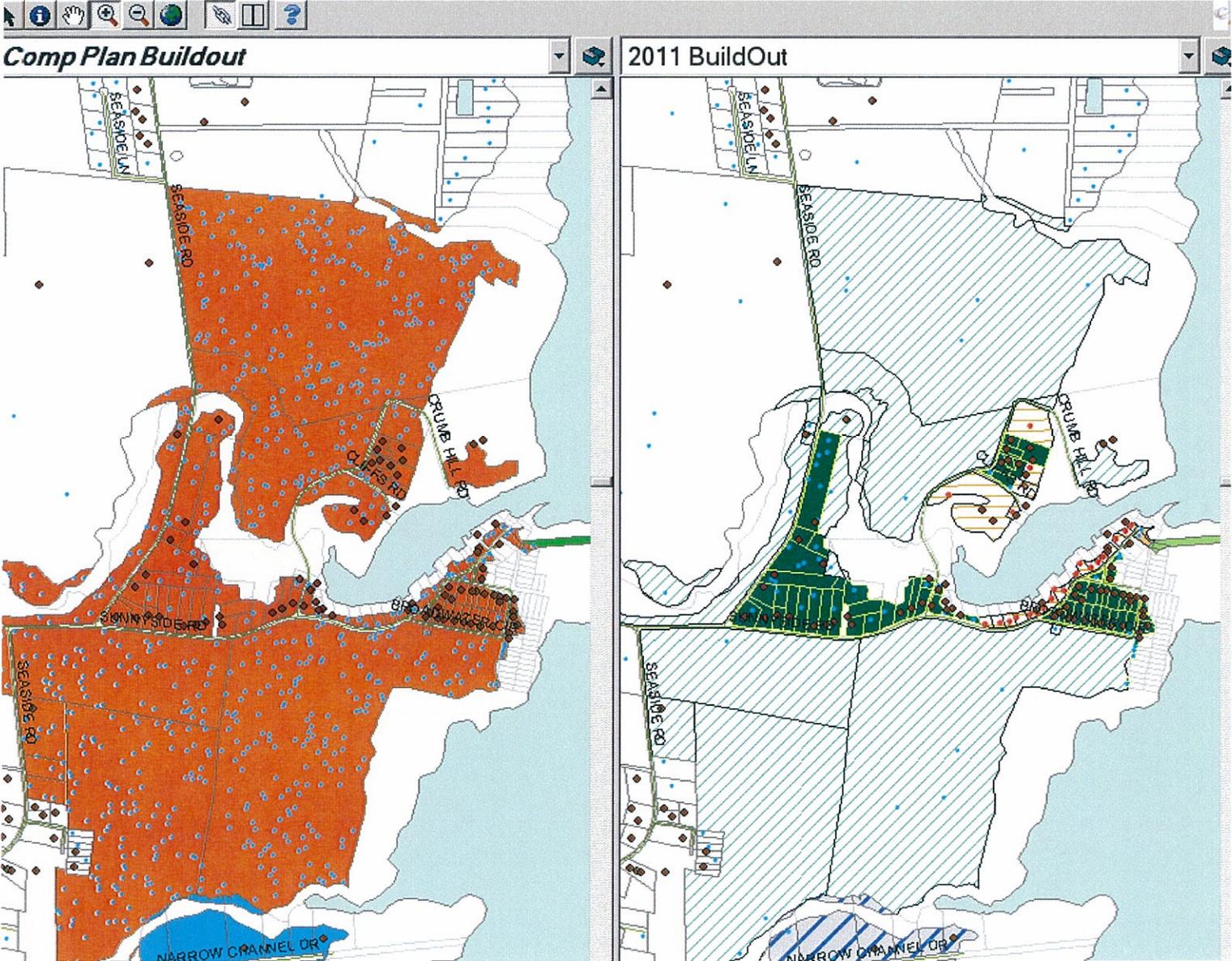
Build-Out Town Density

Below are some images used in community meetings showing the build-out results.

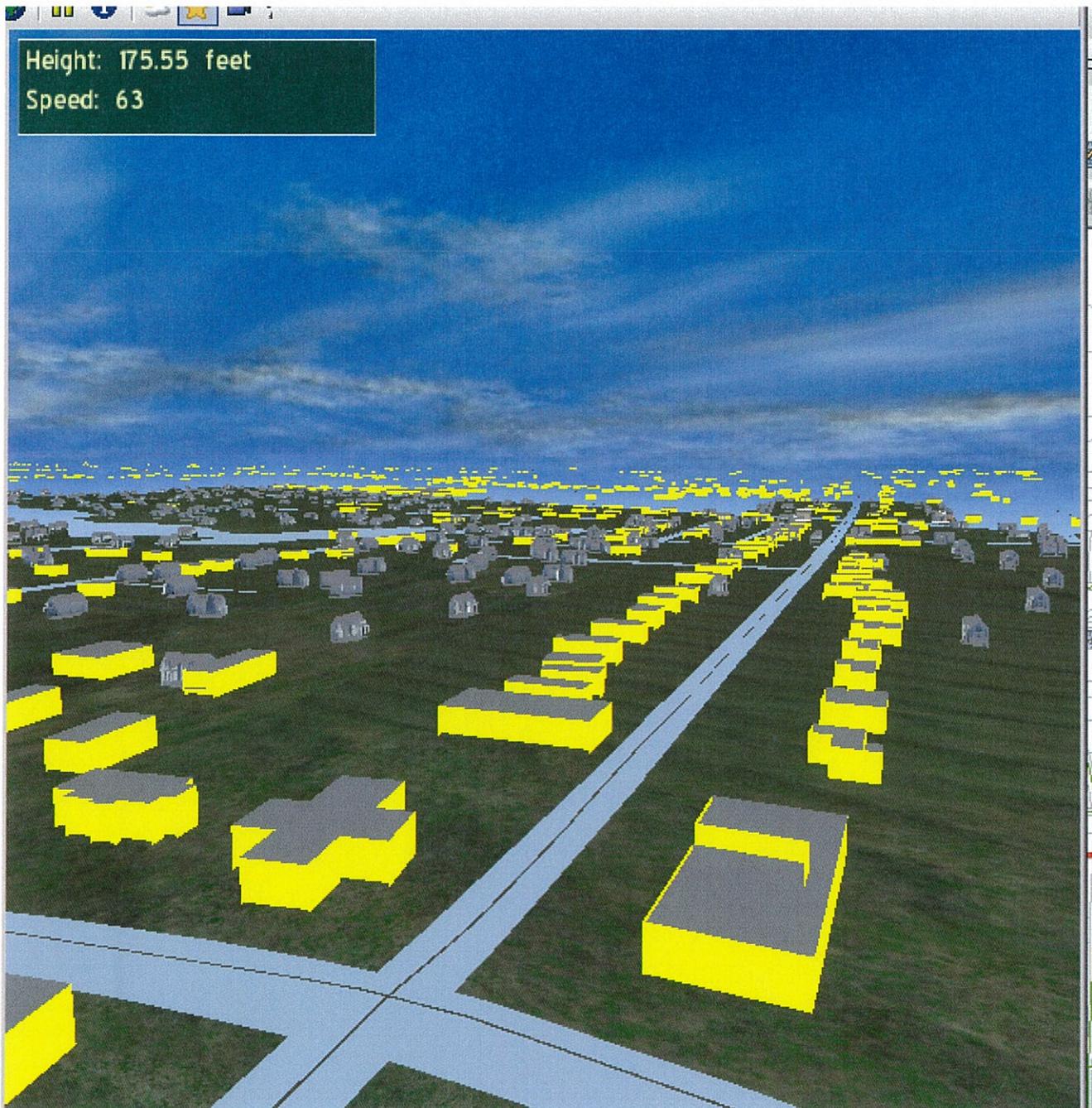
The first image shows the Willis Wharf area with the Comp Plan densities on the left and the Zoning on the right. The yellow dots represent new dwelling units and the brown represent existing dwelling units.



This is the Oyster vicinity and again the darker dots represent existing dwelling units and the blue dots represent potential dwelling units.



This image shows the 3D capabilities of CommunityViz. The existing dwelling units are yellow and the new dwelling units look like actual houses (mainly in the background).



October 26, 2012

Peter Stith
Long Range Planner
GIS Coordinator
PDR Administrator
P.O. Boc 538
Northampton County
Eastville, VA 23347

Dear Peter,

This letter certifies that Peter Stith of Northampton County, VA, has completed sixteen hours of live, on-line technical training on the topic of CommunityViz software operation and applications. The training was provided by qualified CommunityViz instructor, Amy Anderson on the following days:

3/17/2011	4 hours
3/22/2011	4 hours
3/23/2011	2 hours
4/15/2010	2 hours
11/19/2010	2 hours
11/15/2011	2 hours
Total	16 hours

Sincerely,



Mary Walker
CEO Placeways