

## Public Information Meeting

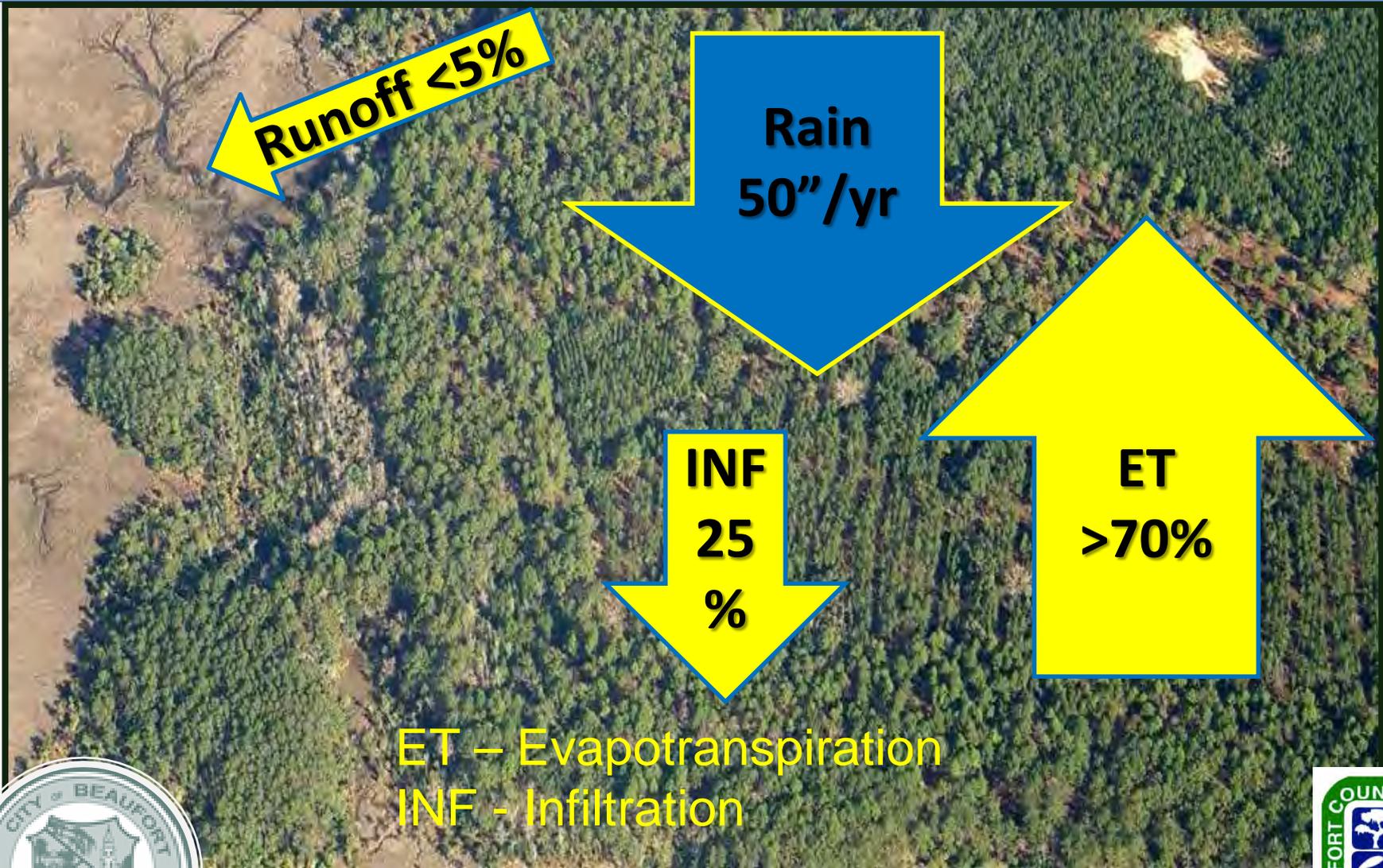
Paul Moore, P.E. – Project Manager, Ward Edwards Engineering

Eric Larson, P.E. – Dir. of Environmental Engineering, Beaufort County

Neil Desai, P.E. – City Engineering, City of Beaufort



# Battery Creek Water Quality Retrofit

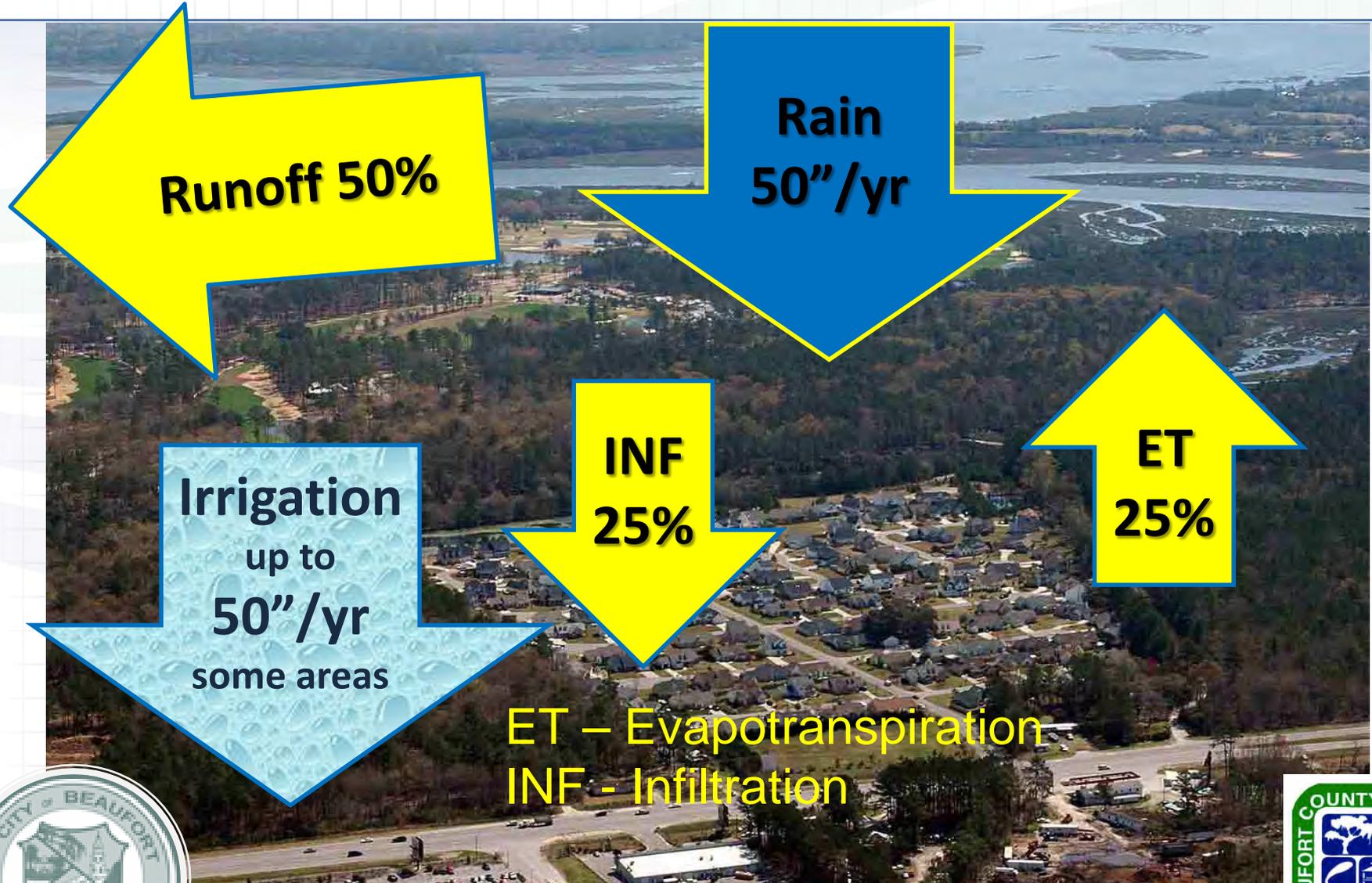


ET – Evapotranspiration  
INF - Infiltration

Runoff Volume Increases Due to Development



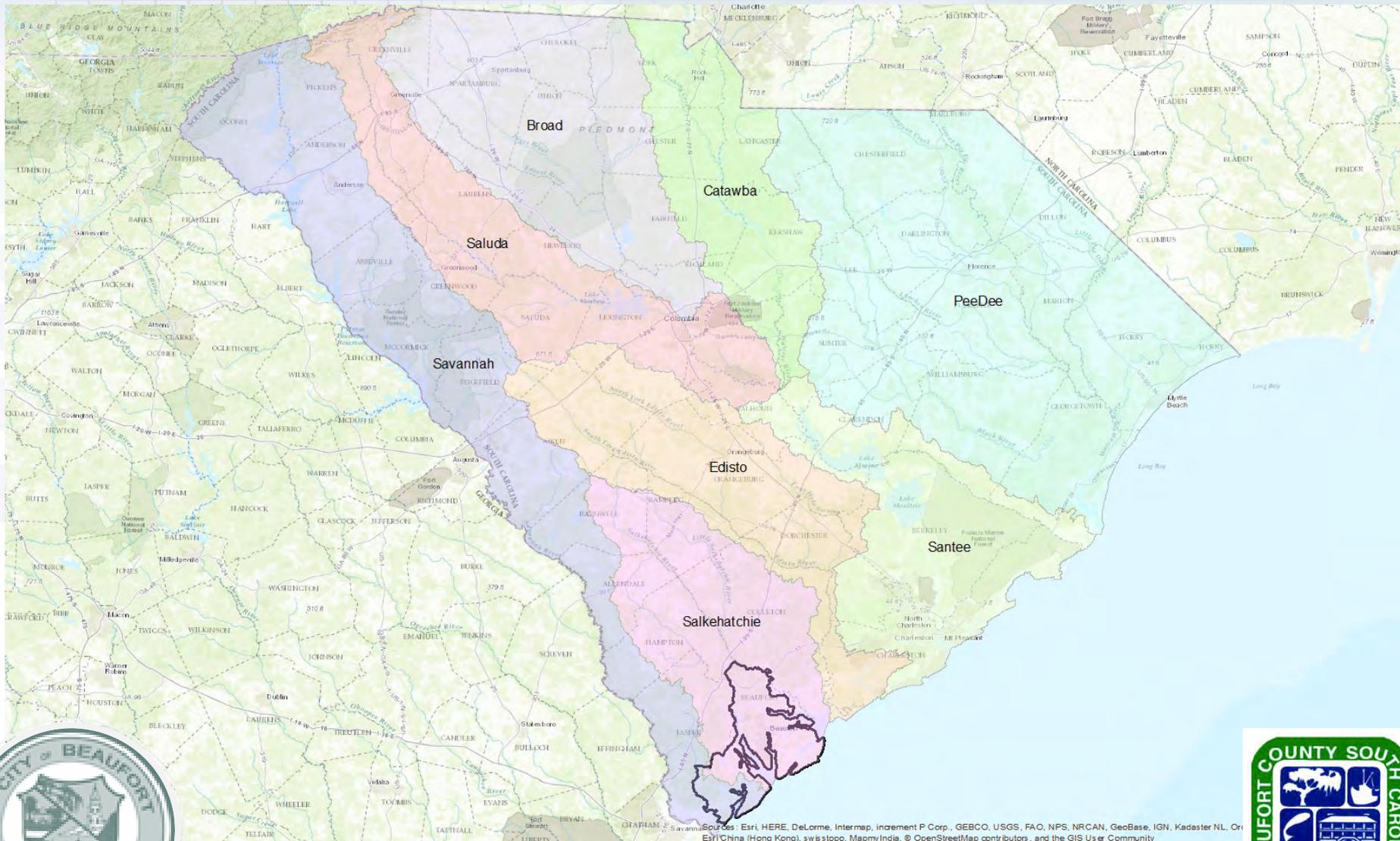
# Battery Creek Water Quality Retrofit



Runoff Volume Increases Due to Development



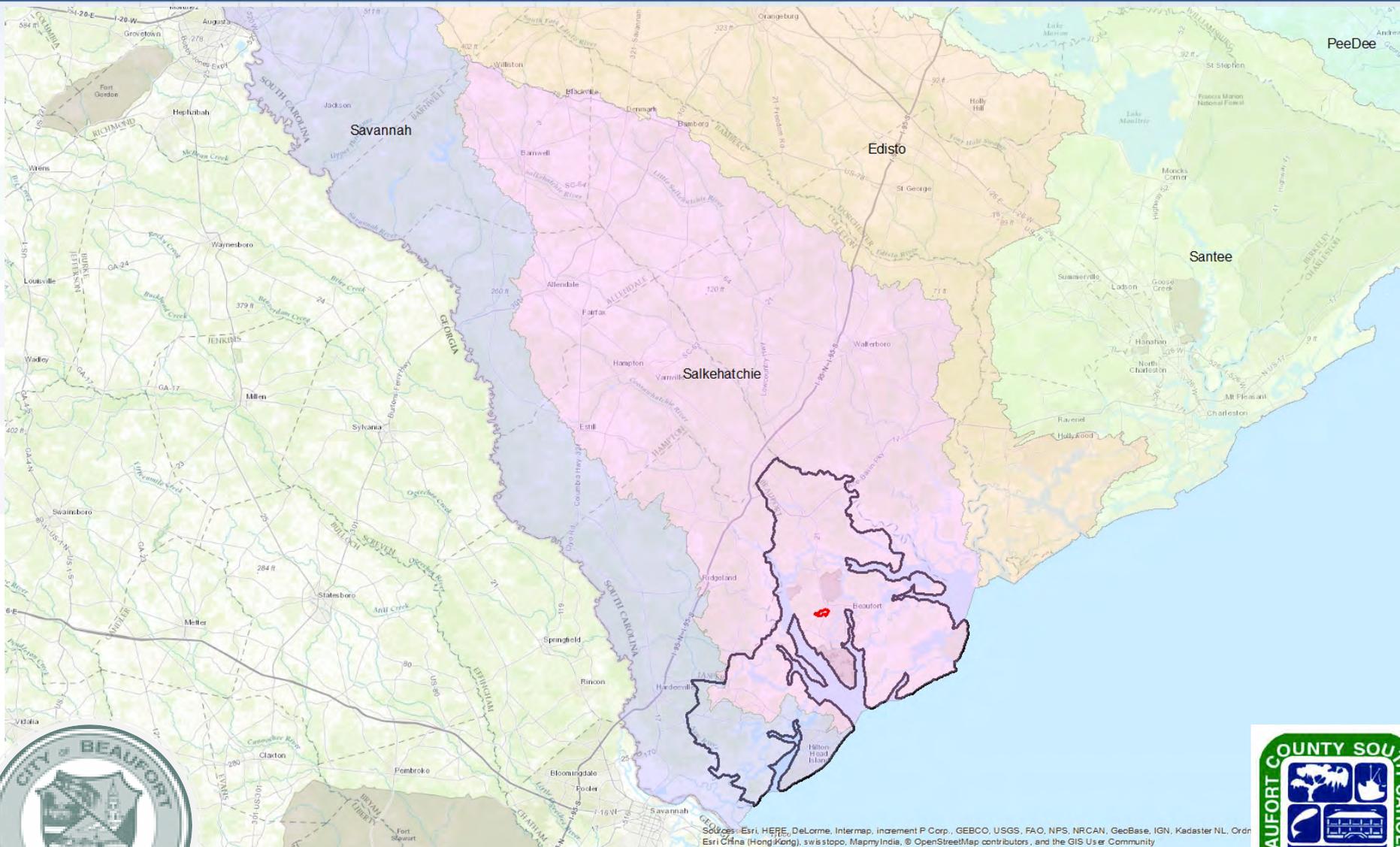
# Battery Creek Water Quality Retrofit



S.C. Major Watersheds



# Battery Creek Water Quality Retrofit

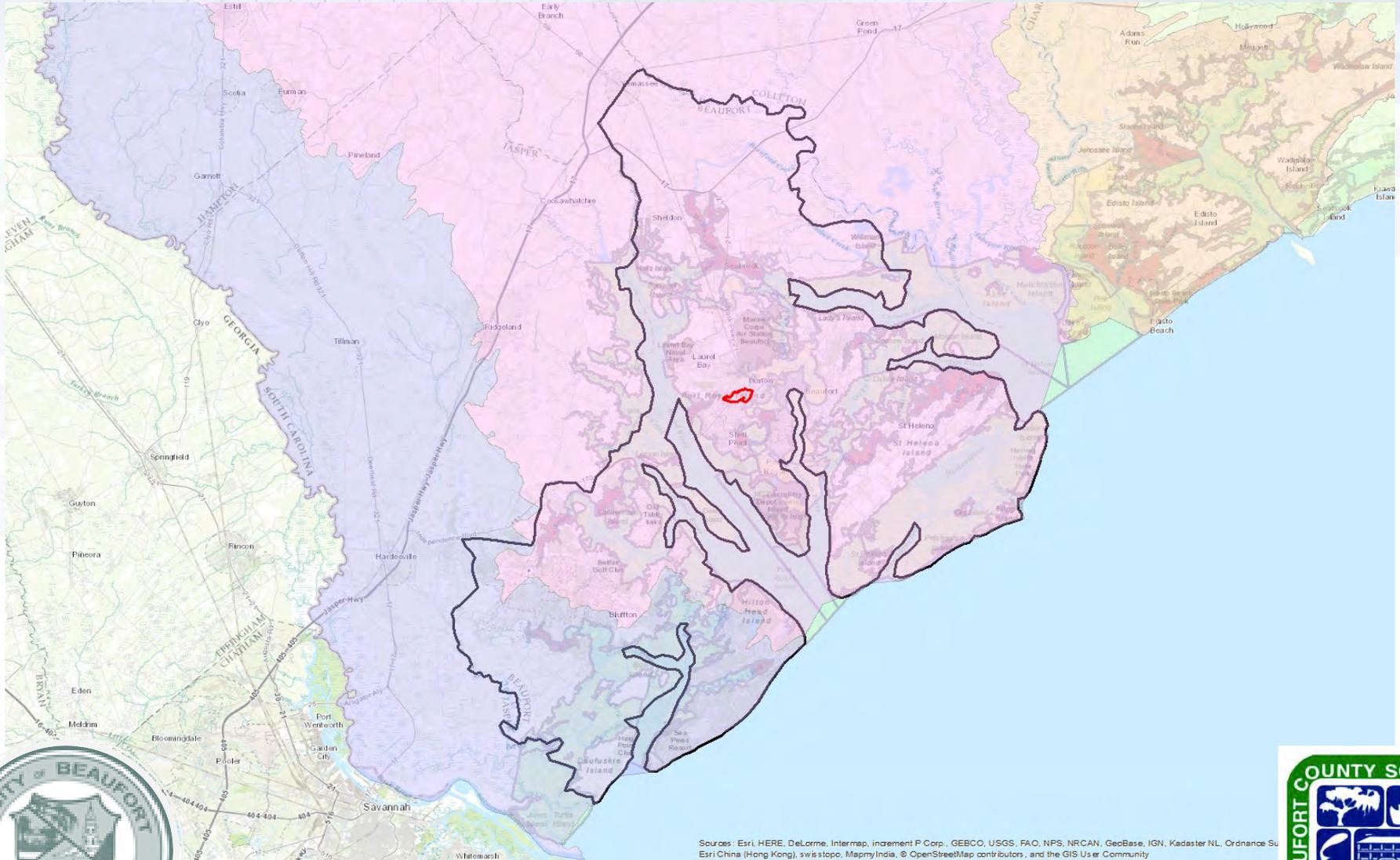


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

## Coosawhatchie Watershed



# Battery Creek Water Quality Retrofit



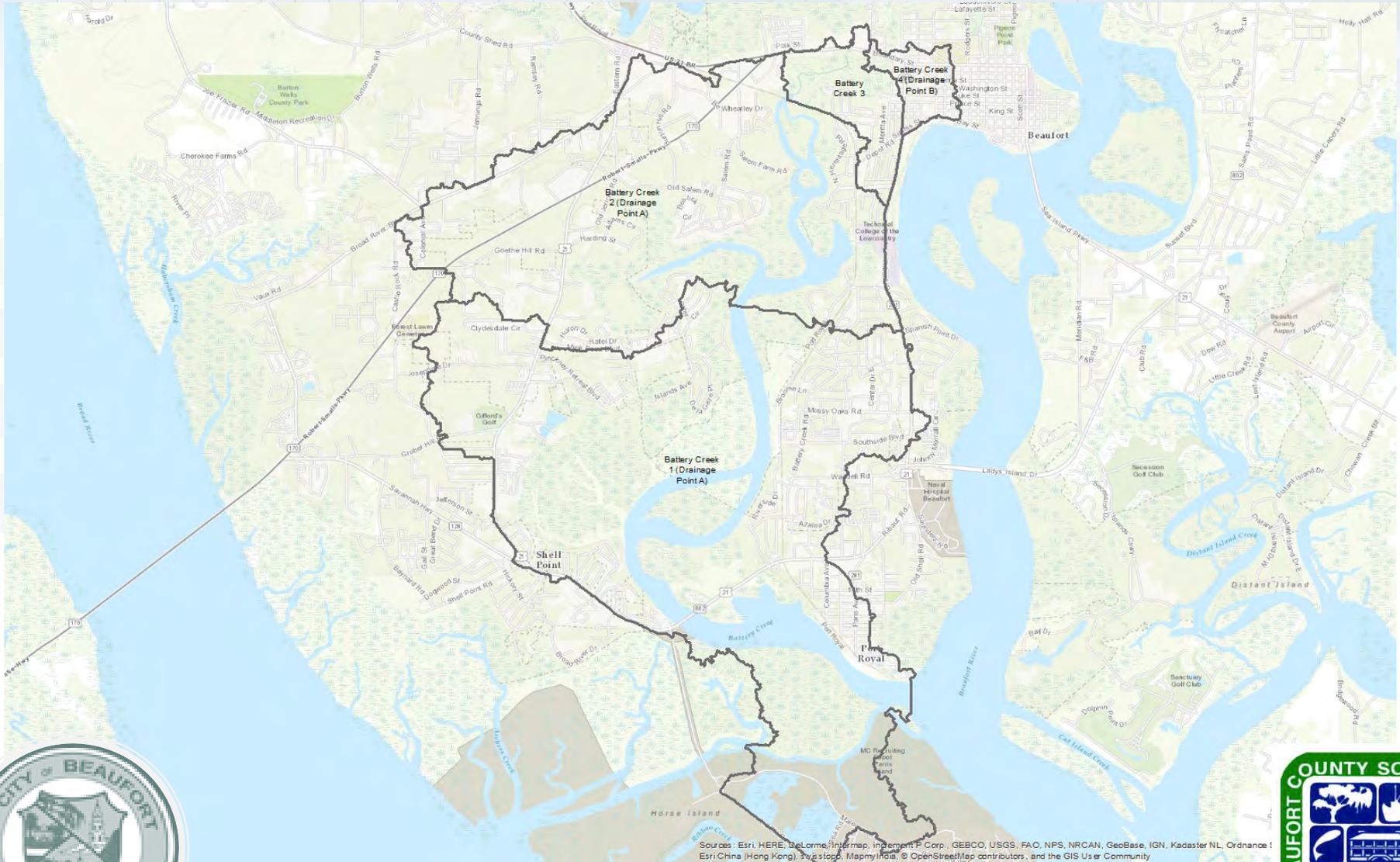
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeBCO, IGN, Kadaster NL, Ordnance Survey, Esri China (Hong Kong), swisstopo, Mapny India, © OpenStreetMap contributors, and the GIS User Community



**Beaufort County**



# Battery Creek Water Quality Retrofit

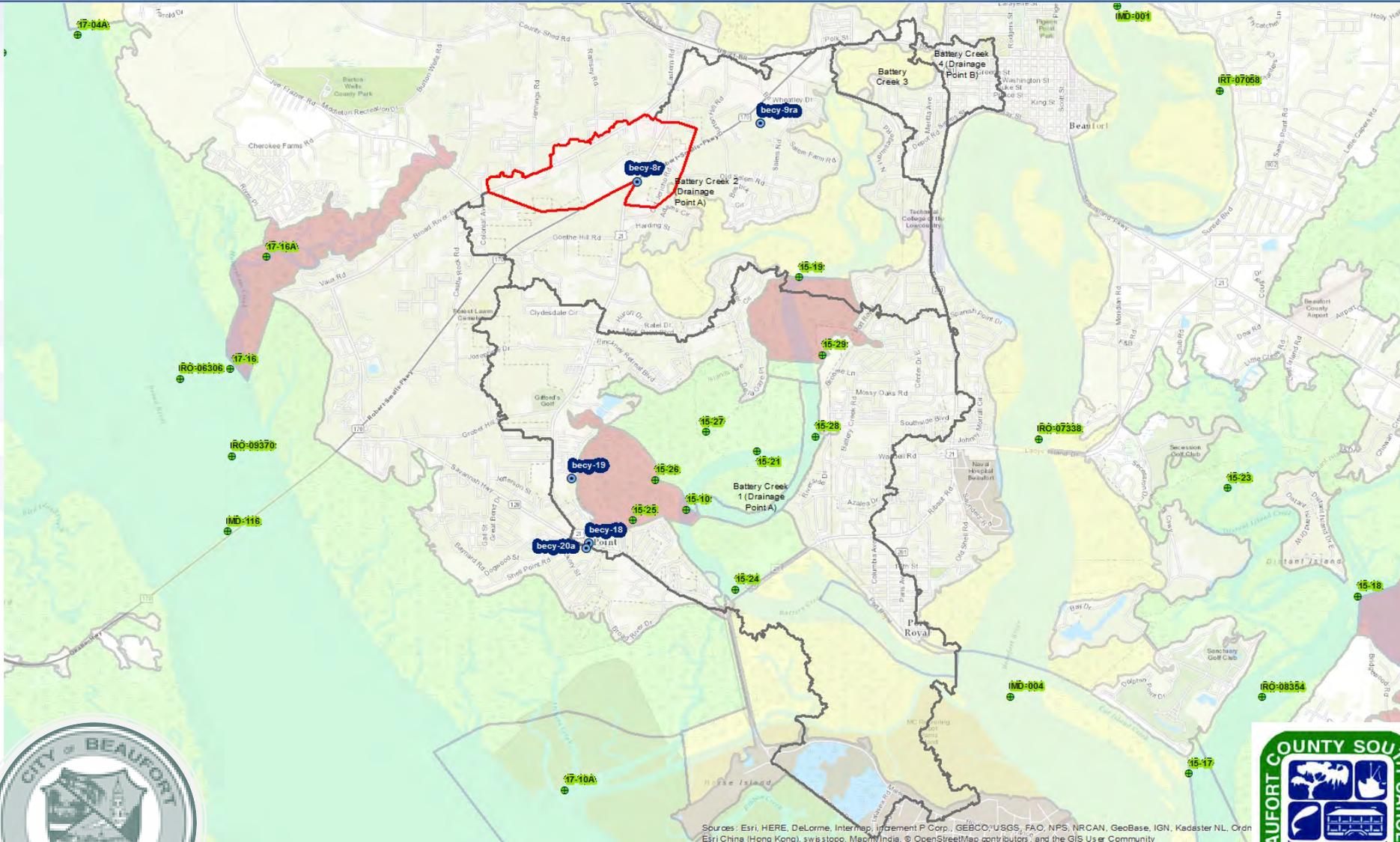


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri China (Hong Kong), Swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

## Battery Creek Watershed



# Battery Creek Water Quality Retrofit

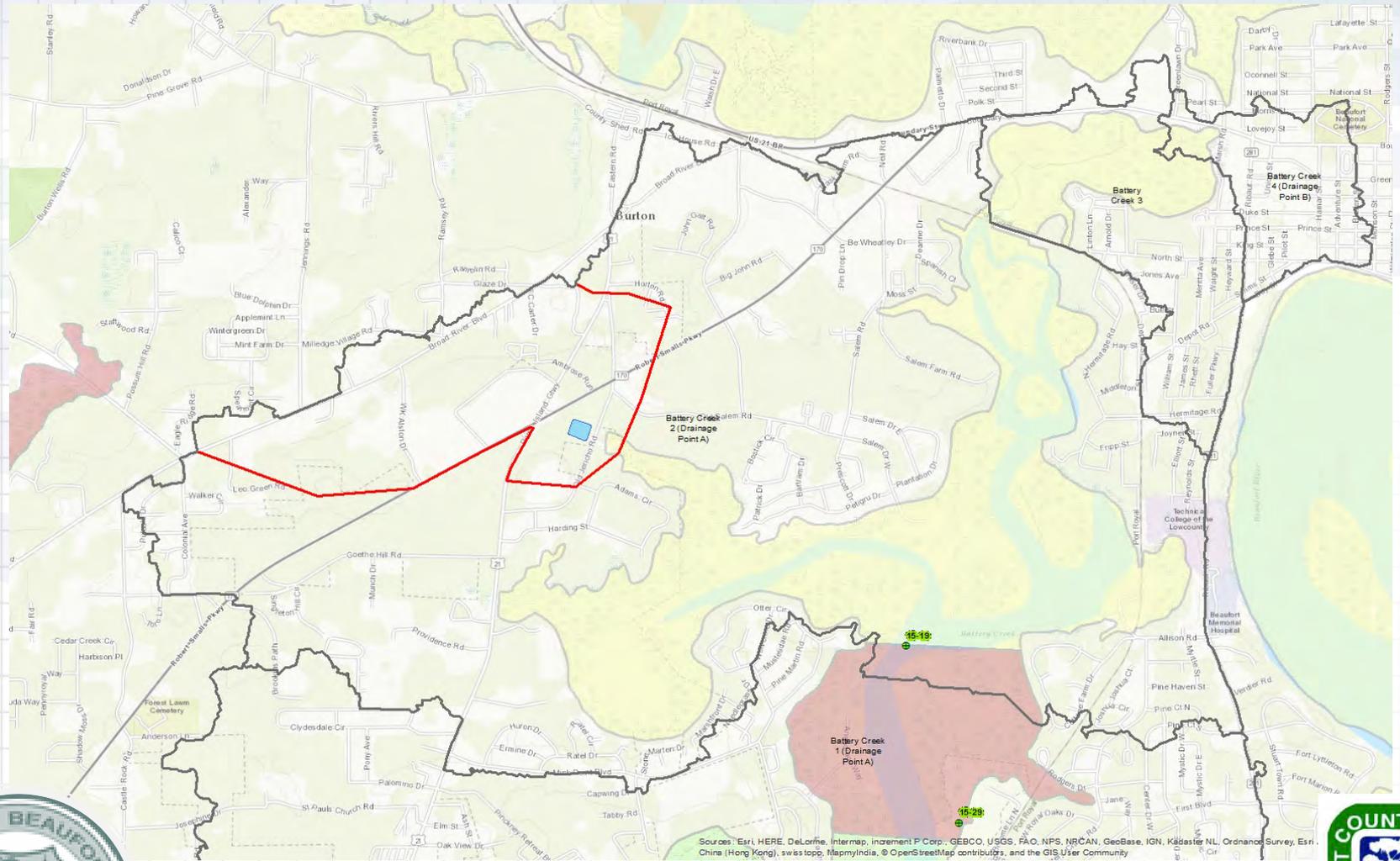


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## Shellfish Harvesting Closures



# Battery Creek Water Quality Retrofit



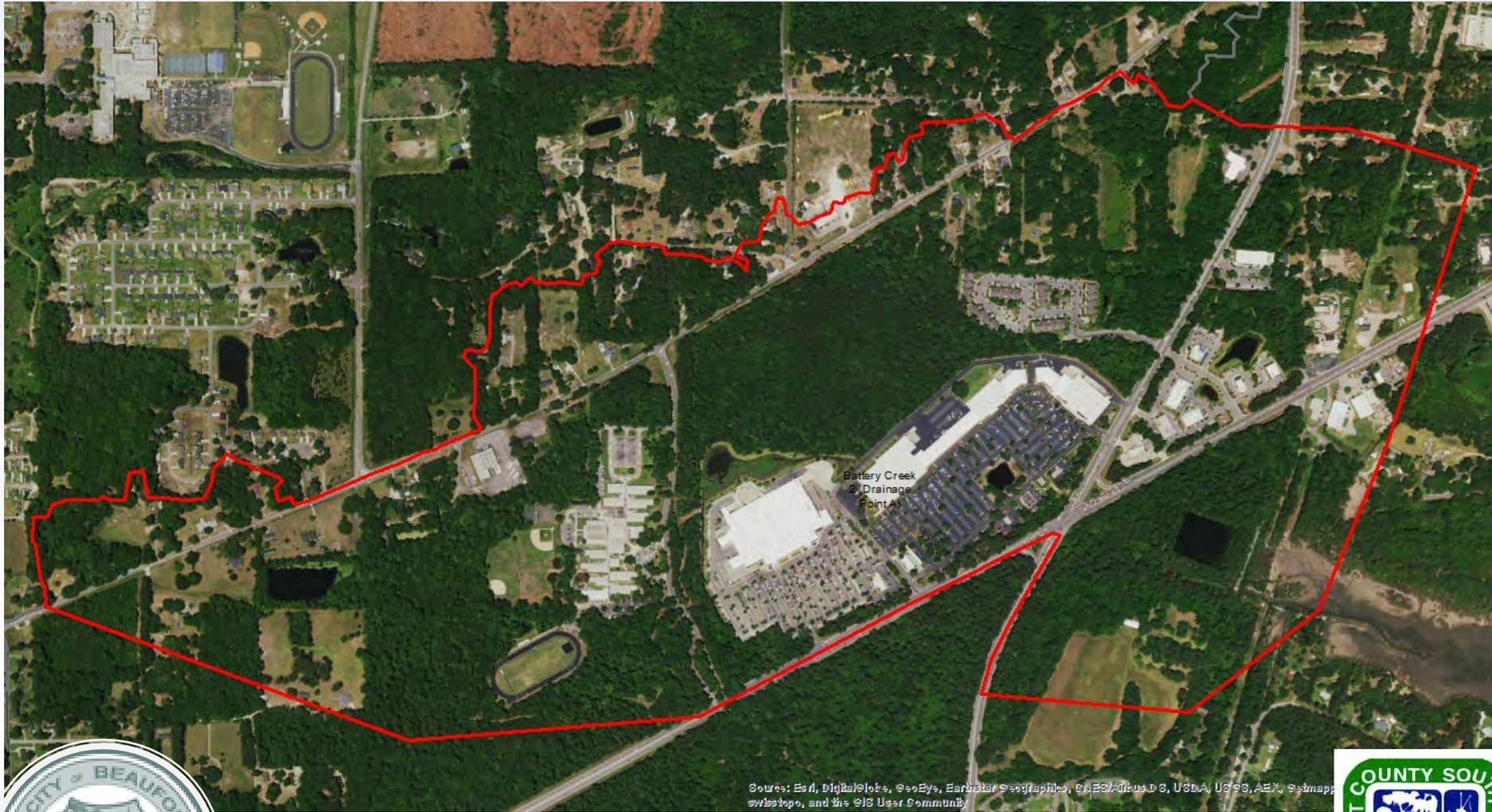
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## Battery Creek Headwaters



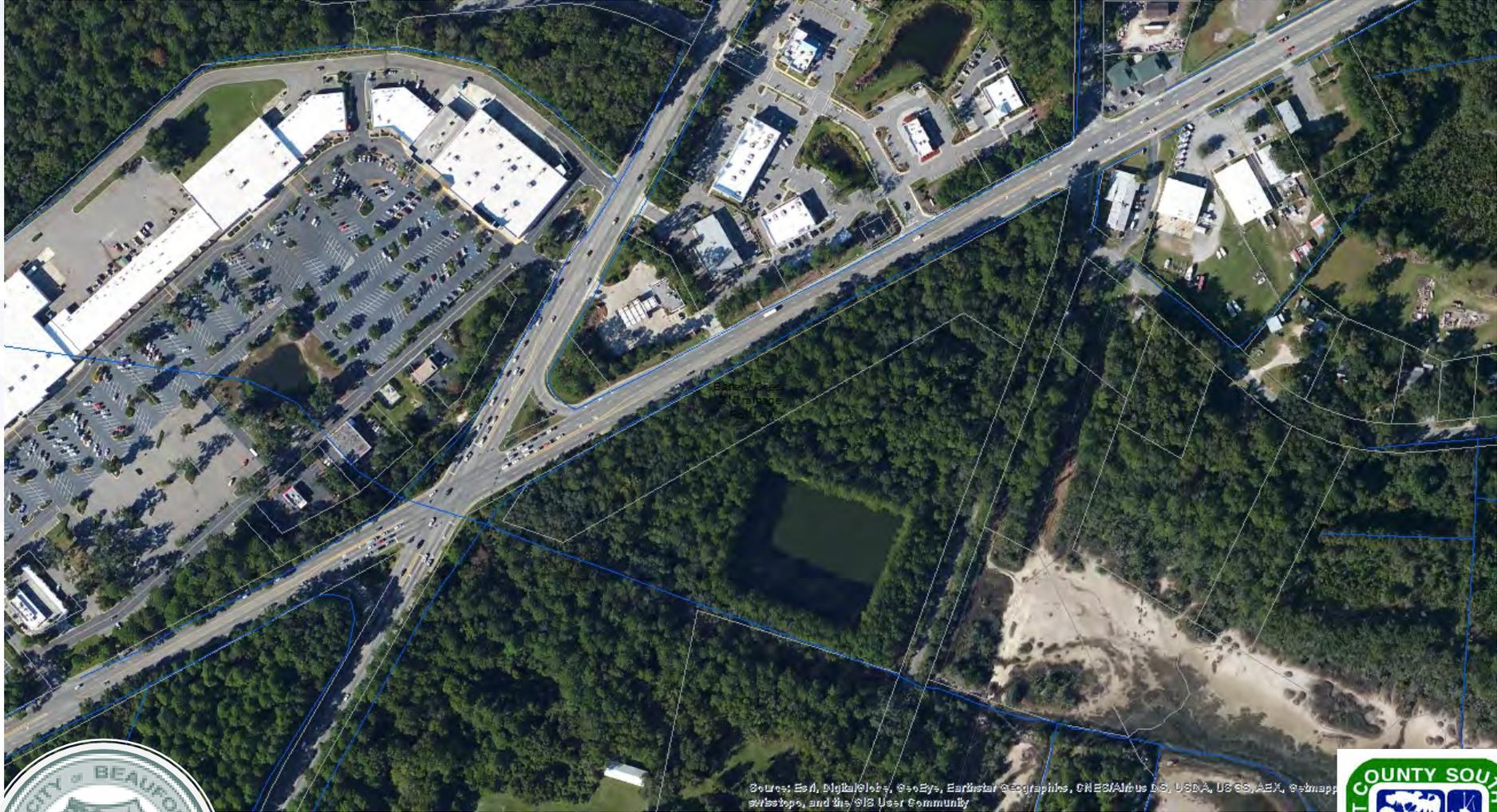
# Battery Creek Water Quality Retrofit



Burton Hill Sub-Basin



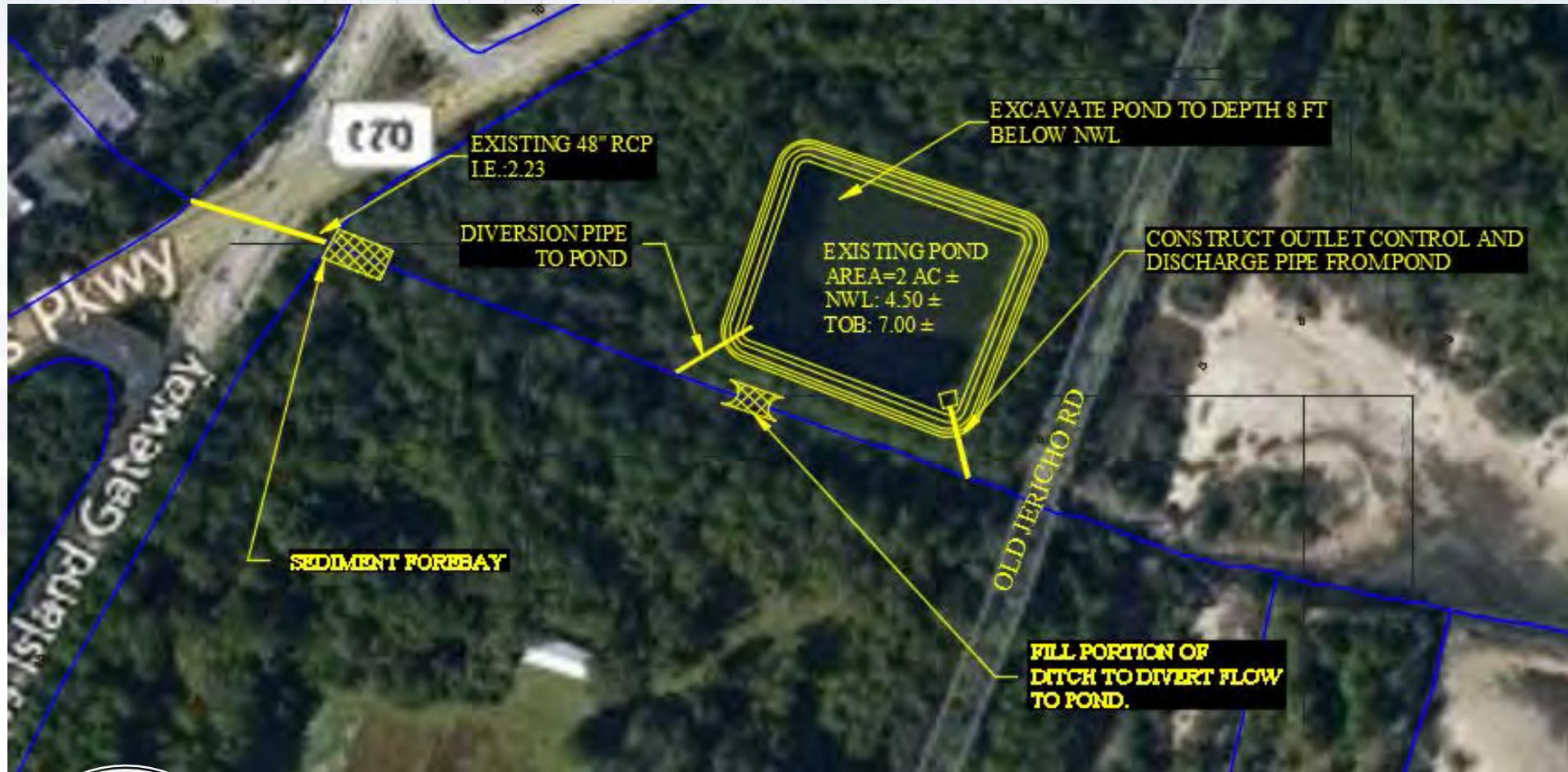
# Battery Creek Water Quality Retrofit



Burton Hill Sub-Basin



# Battery Creek Water Quality Retrofit

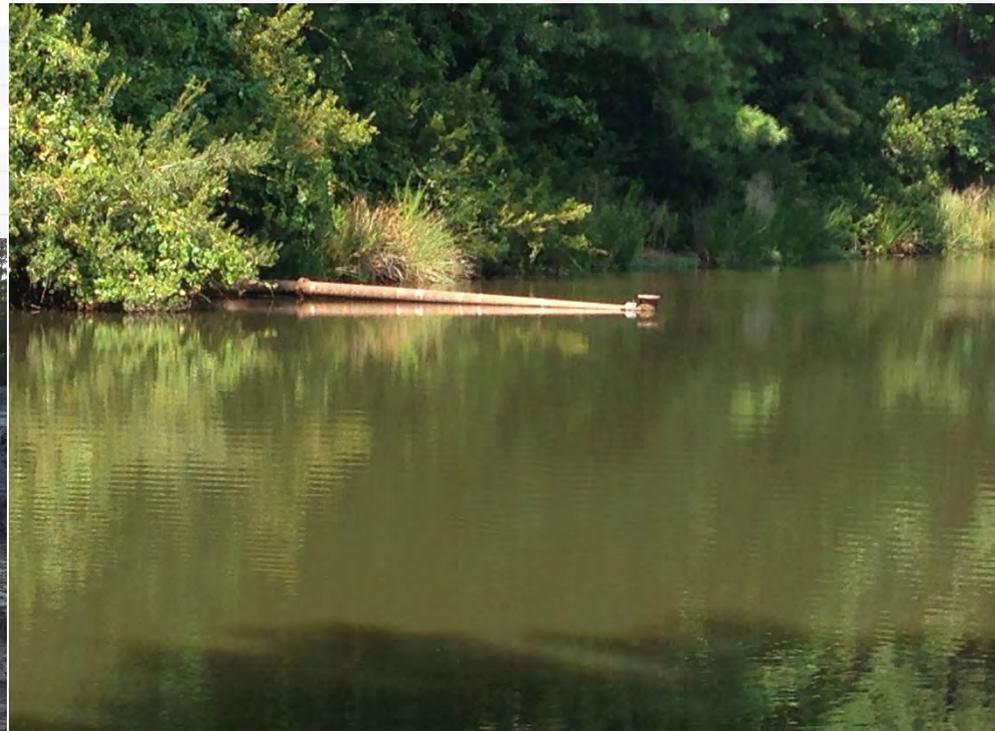


BMP Concept



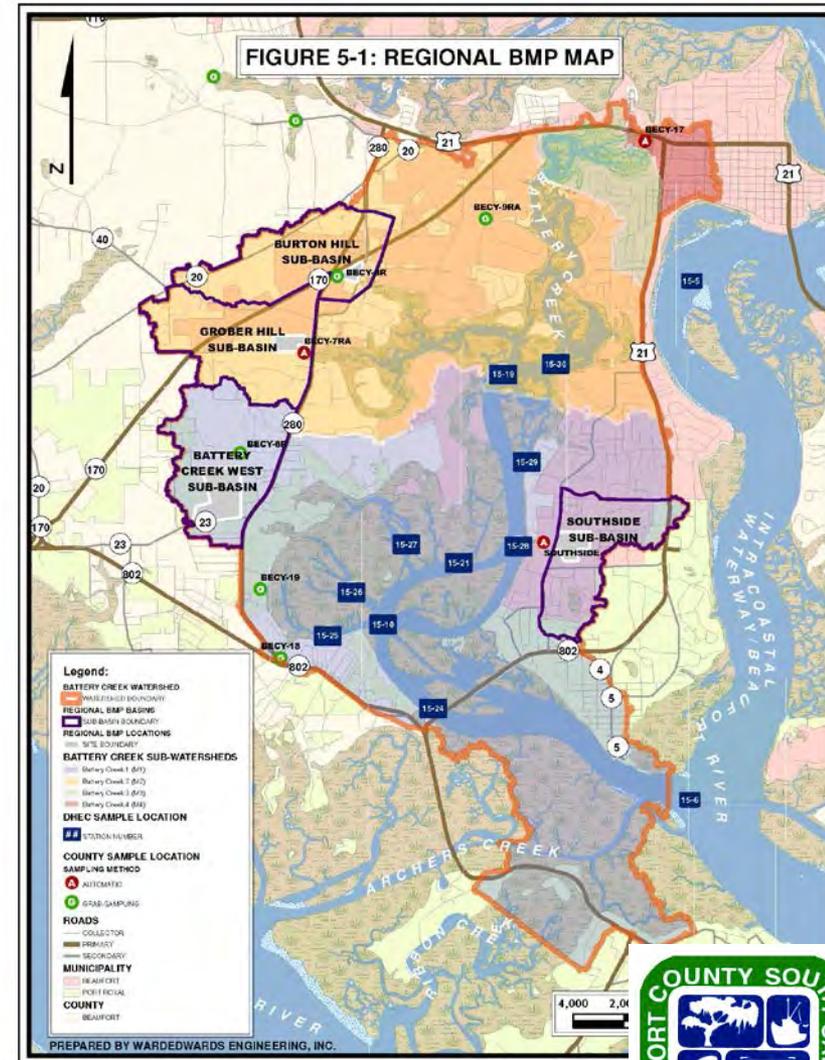
# Battery Creek Water Quality Retrofit

- 2015 - Design & Permitting
- 2016 - Construction.
- Early 2017 - Grant Closeout.



# Battery Creek Water Quality Retrofit

- EPA Section 319 Water Quality Grant - \$350,000
- Competitive grant administered by SCDHEC based on need and effectiveness.
- Remainder (\$400,000) funded by the City/County through the Stormwater Utility Fee.



Project Funding



# Battery Creek Water Quality Retrofit



How will this impact City/County Residents?



## Questions?

Paul Moore, P.E. – Project Manager, Ward Edwards Engineering

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