

# Annual Report 2013



EPC Board Meeting  
October 17, 2013



THE TAMPA TIMES, Tuesday, October 22, 1989

## Need Seen Urgent For Brandon Area Sewerage System

By JERRY BRADDOCK  
Times Staff Writer

BRANDON — If a public sewerage system isn't started within the next five years, the county director of solid waste engineering said an even more serious problem could be created within the system.

"If something isn't done by then, I believe the health department will strongly recommend the County Commission that a law be passed on the separation of raw, building sewage," said Dave Rogers.

"I hope it doesn't take that long to get a sewer system in Brandon," he said. "And I strongly hope it doesn't take a generation of politicians to do a better job of it."

Rogers said he has received more than 100 complaints from the area.

BRADDOCK SAID he has received more than 100 complaints from the area.



Don R. Rogers

## Pollution war danger cited

By JERRY BRADDOCK  
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## Foul Air—Everyman's Blame

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## Chief Gets A Grade 'A'

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ROGERS

## MISSION

To protect our natural  
resources and quality of life  
for the citizens of  
Hillsborough County

## VISION

Environmental  
excellence in a  
changing world

## VALUES

Environmental stewardship  
in a culture of fairness and  
cooperation

# Core Functions

The Enabling Act prescribes our Core Functions to be:

- Citizen's response – timely and thorough
- Air and water monitoring – comprehensive and unbiased
- Waste, wetlands, water and air permitting – protective yet *cooperative*
- Waste, wetlands, water and air compliance – proactive and promoting *environmental stewardship*
- Waste, wetlands, water and air enforcement – *fair* and consistent



# Tampa Bay and Its Watershed

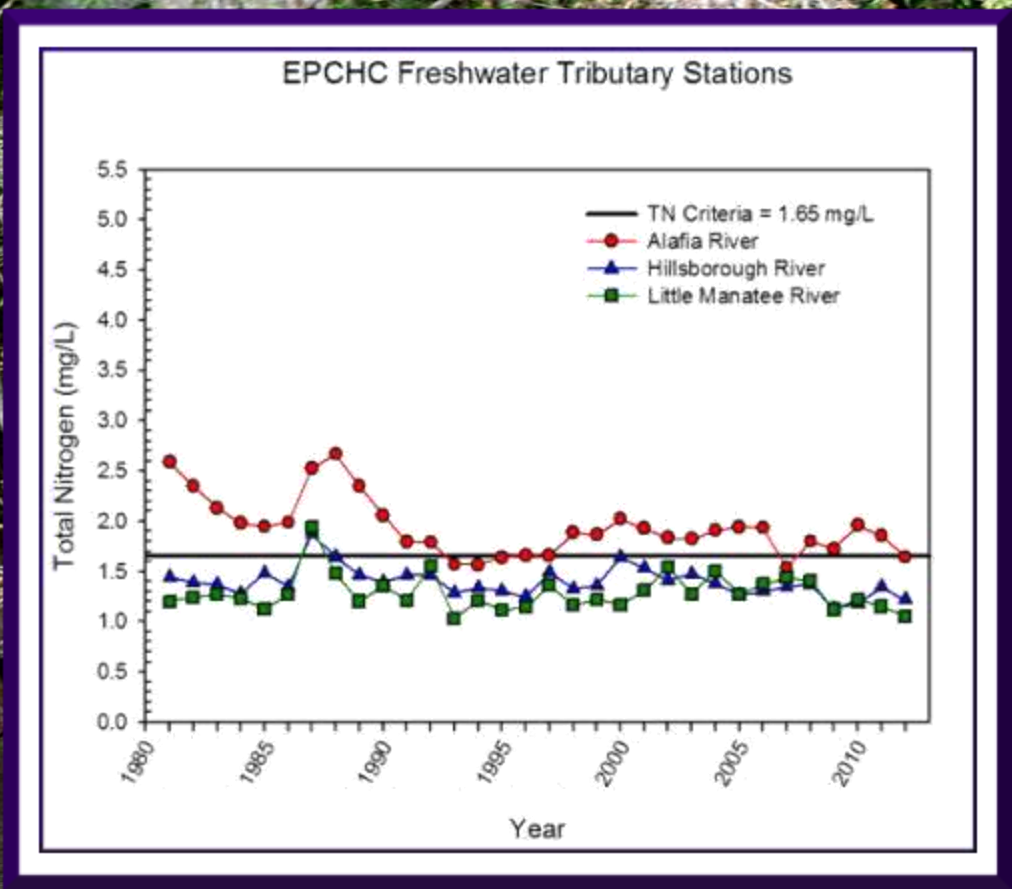


- 1982 Seagrass acres 21,653
- 2012 Seagrass acres 34,642

**Net increase = 12,989**

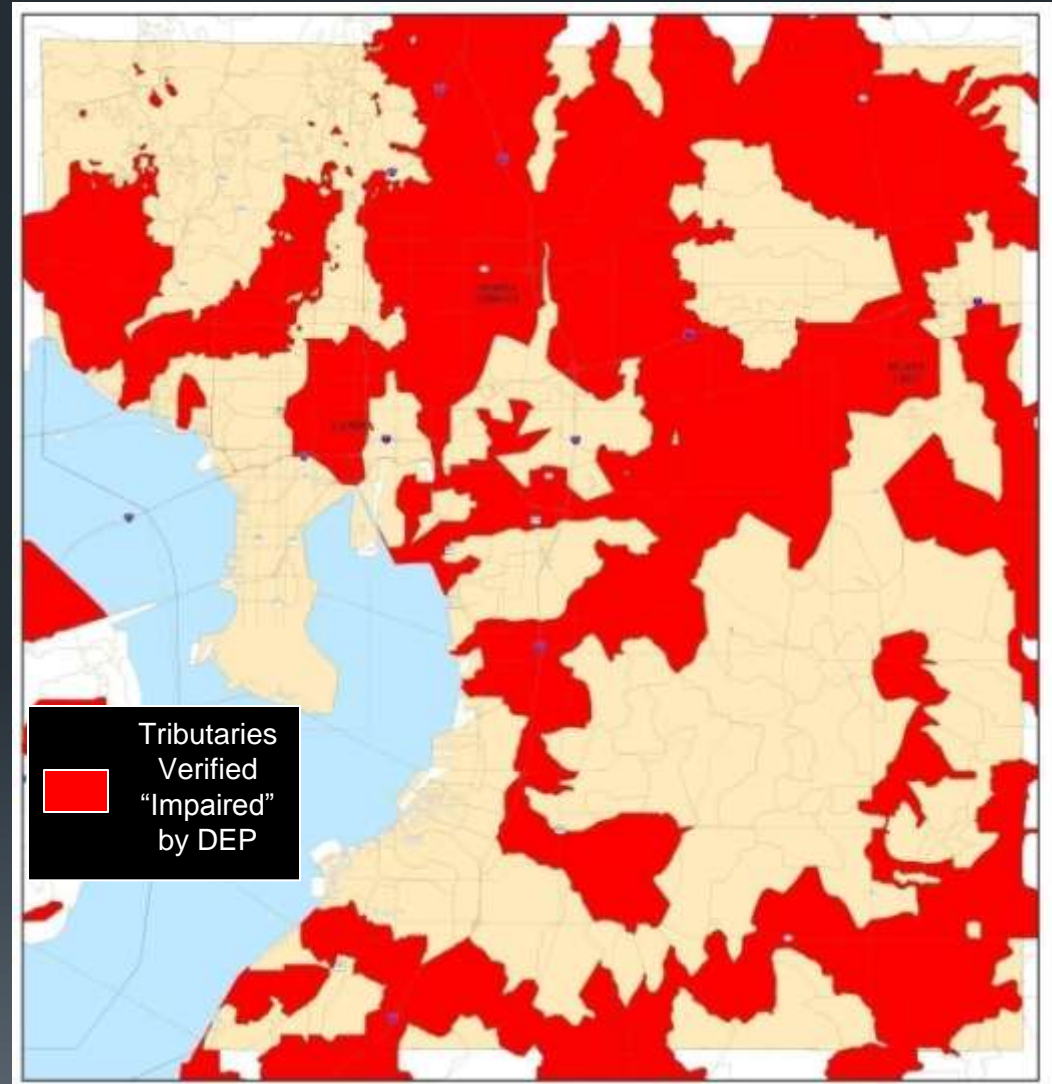
# The Health of Our Fresh Water Tributaries

Total Nitrogen Levels of Major Tributary Segments

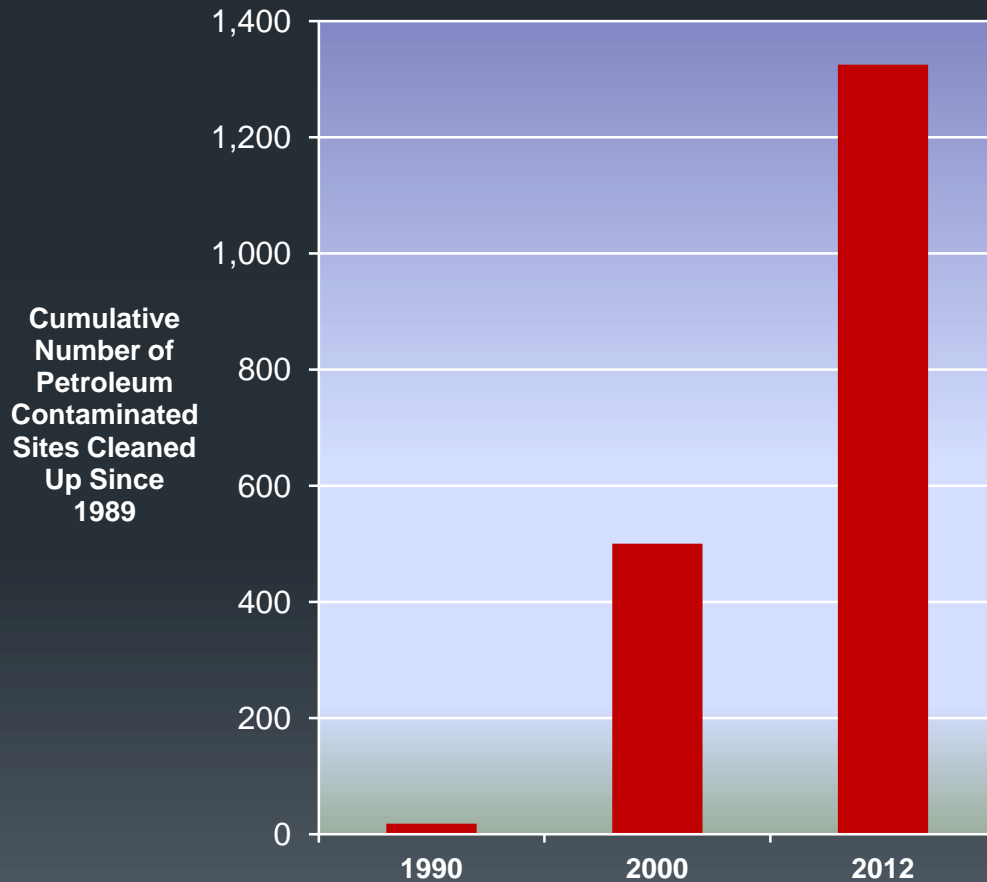


# Water Quality Results

- The County faces the challenge of addressing “Impaired Waters”
- Over 177 areas have been listed for a variety of pollutants
- Stormwater Runoff is the major source of pollutants.

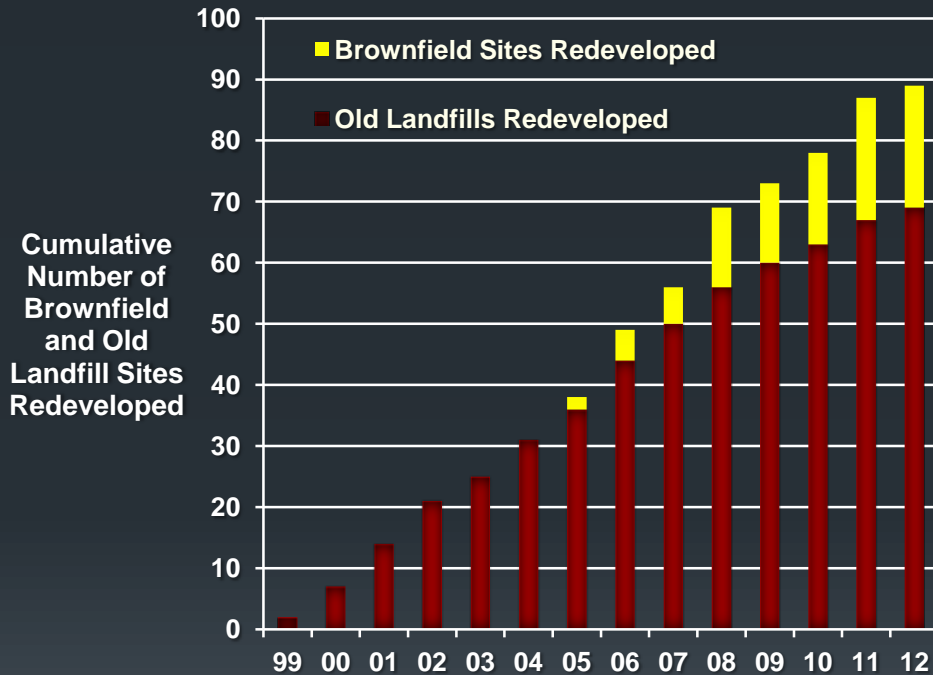


# The Health of Our Groundwater/Soils





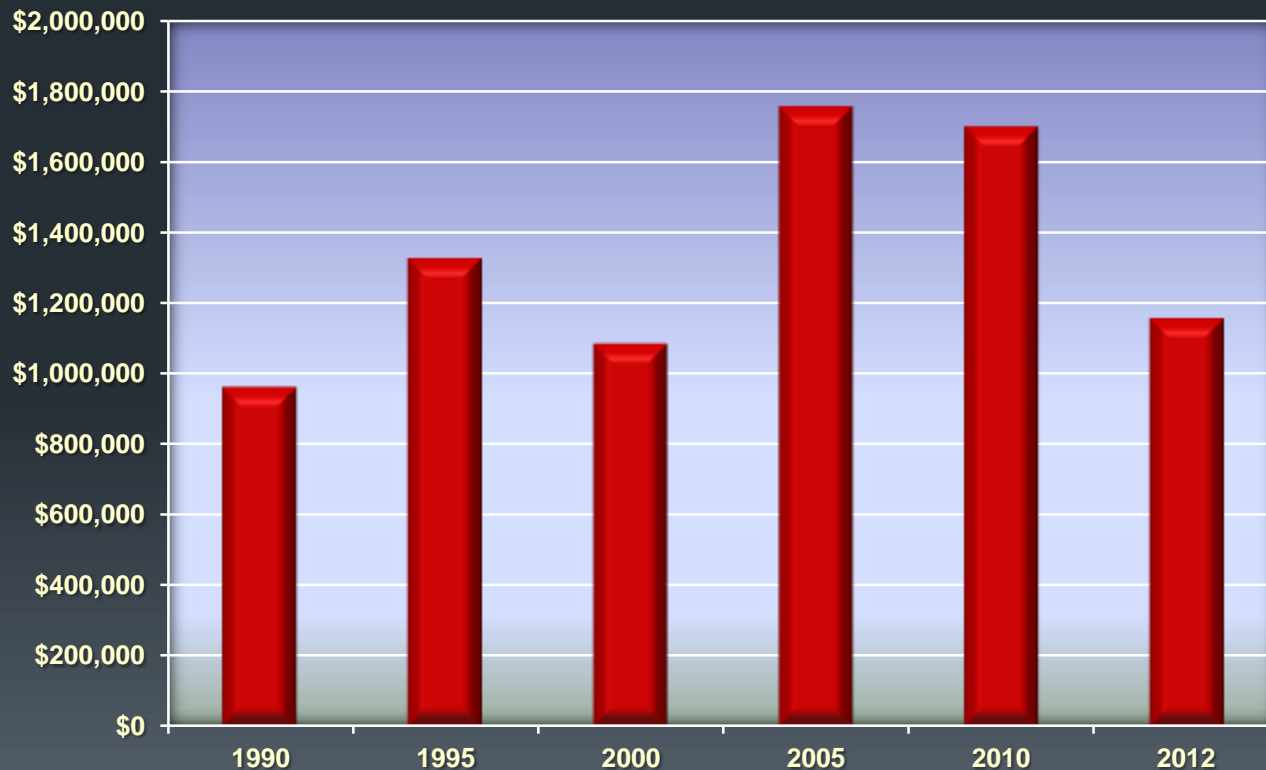
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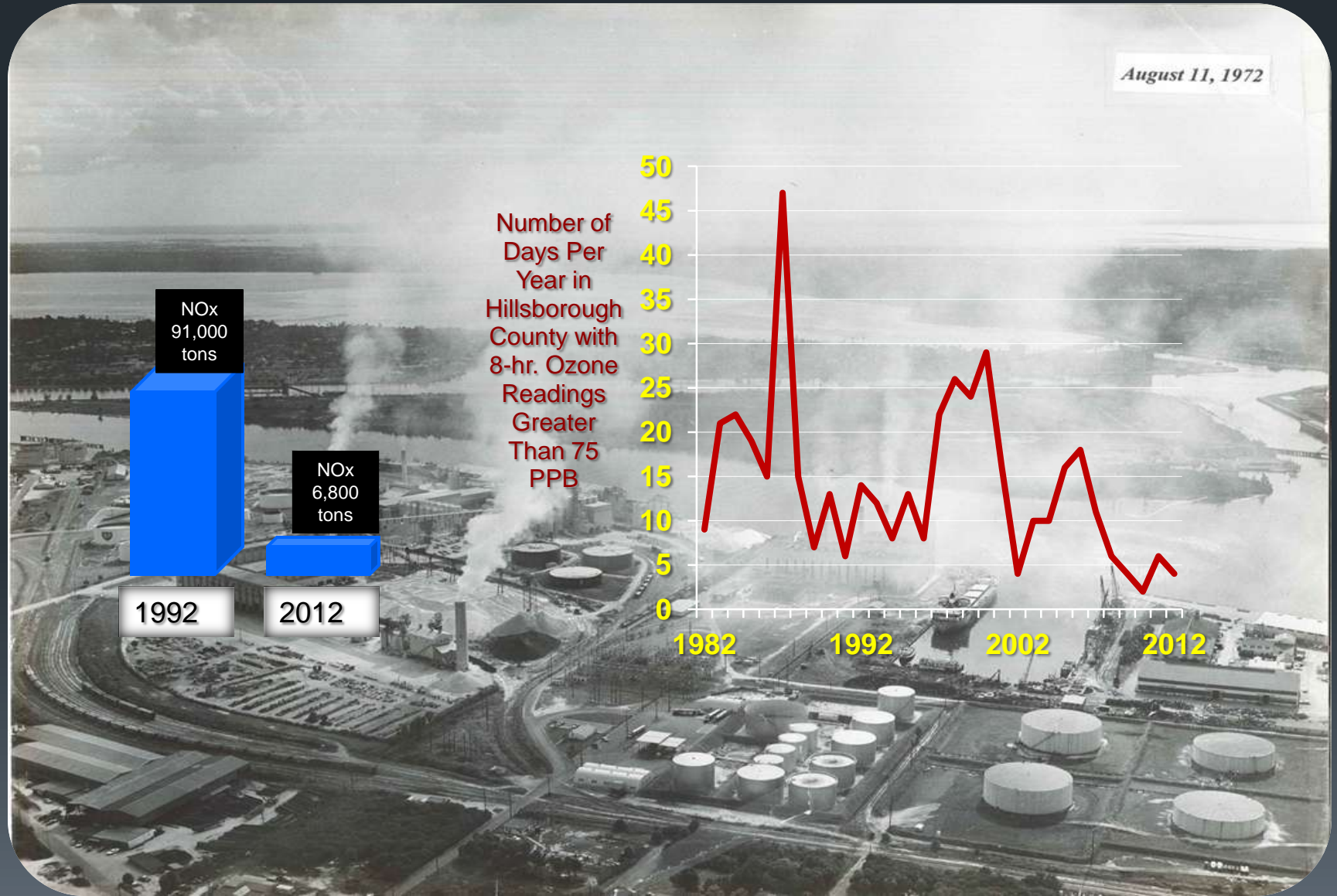
The former Balsam manufacturing complex on McKinley Drive near Bougainvillea Avenue

# Biggest Groundwater/Soils Challenge Ahead

Maintaining funding for petroleum tanks compliance/clean up program.



# The Health of the Air



# Biggest Air Quality Challenge Ahead

## Addressing localized “hot spots”

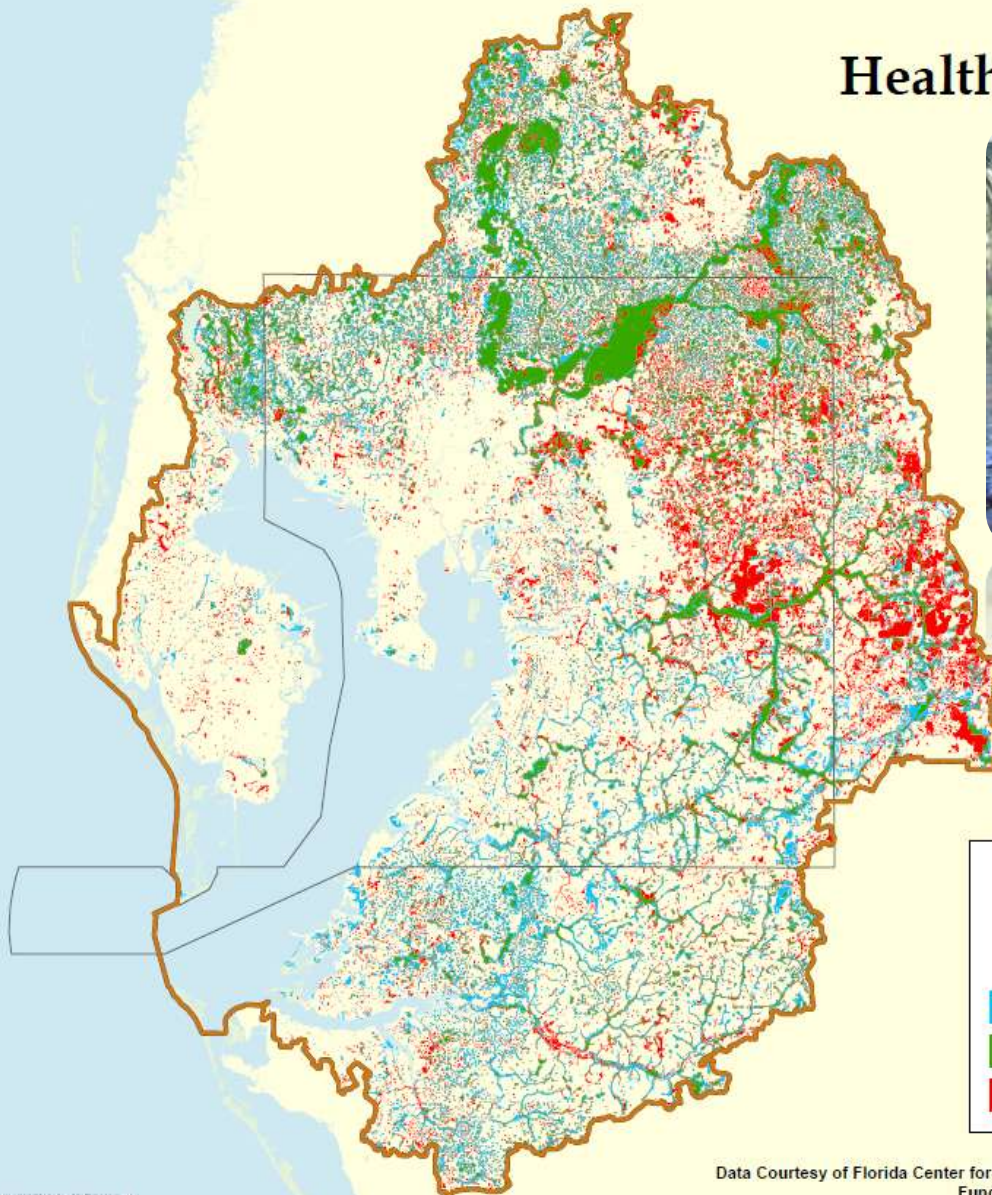
Lead Nonattainment Area



Sulfur Dioxide Nonattainment Area



# Health of the Wetlands



## Tampa Bay Watershed 2007 Fresh Water Wetland Status

-  Gains Since 1950
-  1950s FW Wetlands Still Existing
-  Losses Since 1950

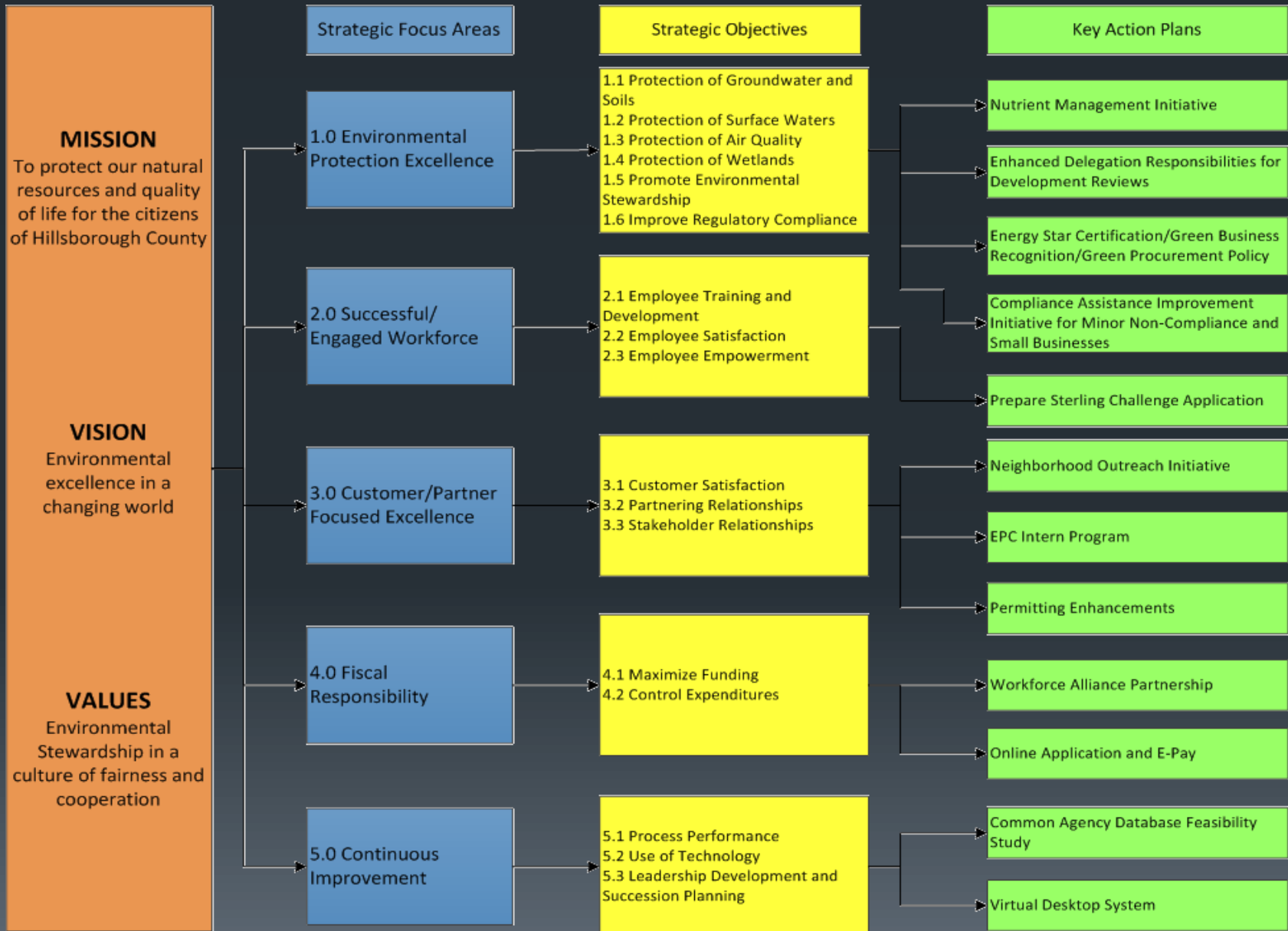
Data Courtesy of Florida Center for Community Design and Research, University of South Florida  
Funded by Grants by EPA and TBEP

# Biggest Wetlands Challenge Ahead

Balancing wetlands' protection with infill and growth



# Strategic Planning at EPC



# Agency Improvements by Strategic Priority

## 1. Environmental Protection Excellence

- Nutrient Management Initiative
- Developed Office of Sustainability
- Priority Environmental Complaints SOP
- Focus on Improved Regulatory Compliance
- Lakes Initiative
- Enhanced School Outreach
- EPC Green Team





# 2012 Action Plan – Office of Sustainability

## Strategic Objective

## Action Plans

## Status

## 2012 Year End Goal

Promote Environmental Stewardship

1.2 Develop Office of Sustainability

Funding for coordinator position

Establish relationship with other County entities -EM&S



Complete Energy & Sustainability Plan for the County.

Completed

Received grant and installed 7 electric vehicle (EV) stations  
Write RFI for County CNG Options-coordinate committee work

Have all 7 EV stations operational.  
Made final recommendations to Workgroup on CNG.

Improve Green website for County

Launch Green Hillsborough website in final form.

Have signed agreement in place with TECO, EPC and Patel to fund the CCC for the first year. Application will follow.

Tampa Bay Clean Cities Coalition is in the process of designation by DOE. Application due Fall 2013.

In collaboration with Fleet purchased a Chevy Volt and taken delivery. Possible second EV.

Take delivery of electric vehicle as part of alternative fuels pilot program.



# Agency Improvements by Strategic Priority (continued)

## 2. Successful/Engaged Workforce

- Employee survey
- Producing minutes for Senior Staff meetings and distributing same to employees
- Track training and outreach
- Creation of new employee orientation policy
- Bi-annual In-service meetings
- Prepare Sterling Challenge Application



# Sterling Challenge Feedback Report October 2013



Examiners identified the Agency's *strengths* as:

- Strong organizational belief in the Agency Mission
- Leadership created environment that focuses on a consistently positive customer experience
- Diversified funding sources
- Strategic planning provides strong framework for planning future strategies
- Good timeliness goals
- Good contact with staff at annual review
- Good staff development program (Advanced Leadership Program)

# Sterling Challenge Feedback Report October 2013



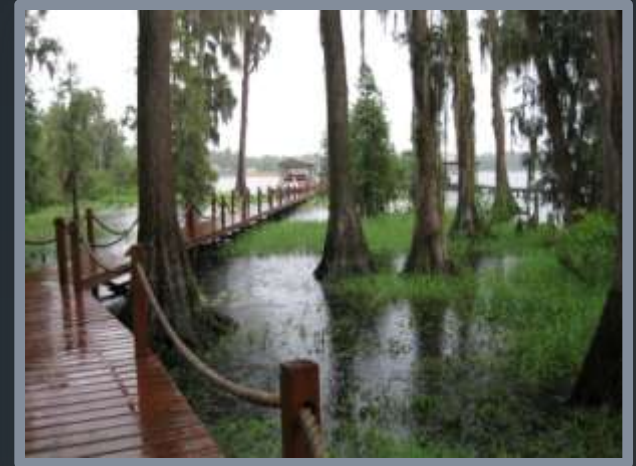
They identified *opportunities for improvement* as:

- Need more effort on long-term planning
- Need systematic approach for agency-wide improvements
  - Need to consistently identify and share best practices across divisions
  - Need external benchmark data to compare agency performance to peer agencies
  - Need complaint and compliment databases for systematic review and action
- Need to develop systematic approach to workforce engagement

# Agency Improvements by Strategic Priority (continued)

## 3. Customer/Partner Excellence

- Customer Survey
- Priority permitting
- SNIP pilot
- TPA, DEP, ACOE delegation – one stop permitting
- Rule efficiency initiative



# Major Permitting Programs Delegated To EPC

- Minor Source Industrial Air Permits
- Title V Major Source Industrial Air Pollution Permits
- Asbestos Notification & Inspection Program
- Brownfield Site Development
- Petroleum Cleanup Program
- Petroleum Compliance Verification Program
- Domestic Wastewater Facility Permits
- Domestic Wastewater Collection/Transmission Systems Permits
- Industrial Wastewater Facility Permits
- Approval of Completion of Construction for Collection/Transmission Permits
- Tampa Port Authority Minor Work Permits
- Mangrove Trimming Permits
- Mangrove Trimmer Authorizations
- Single Family Home & Coastal Activities - Env. Resource Permits
- Army Corp Minor Work Authorizations

# Agency Improvements by Strategic Priority (continued)

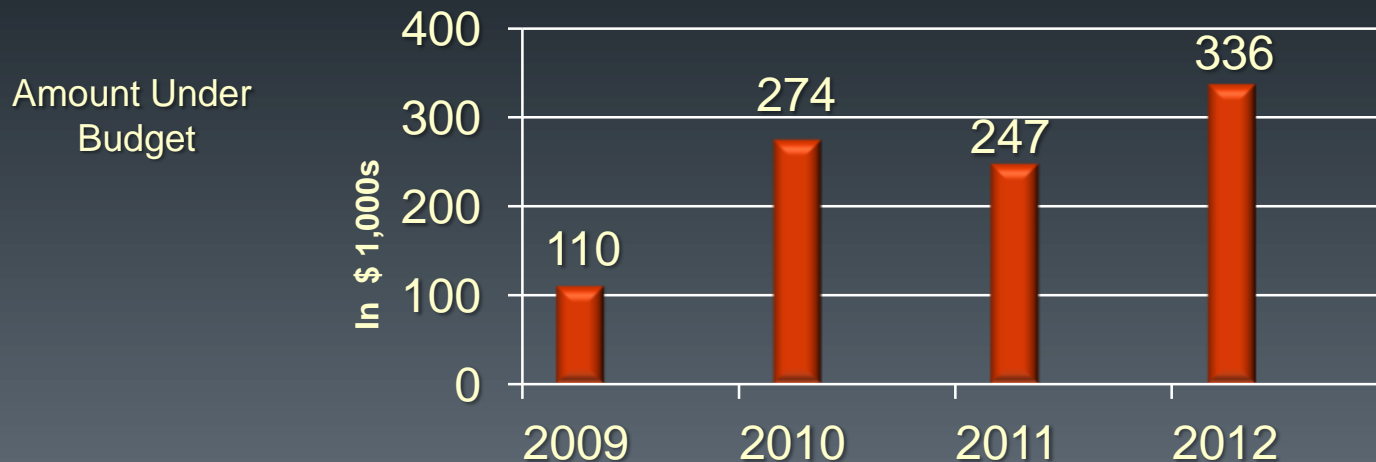
## 4. Fiscal Responsibility

- Grant writing committee
- Collaboration with Workforce Alliance



# Budgeting

- FY 13 Budget \$12M
  - Maintained staffing at 1991 levels
  - Maximized PRF activities for projects by reducing overhead
  - Purchased a second electric-powered vehicle for the Agency fleet
- 39 individual budgets within the Agency each with their own restrictions
- Have never come in over budget





# Agency Improvements by Strategic Priority (continued)

## 5. Continuous Improvement

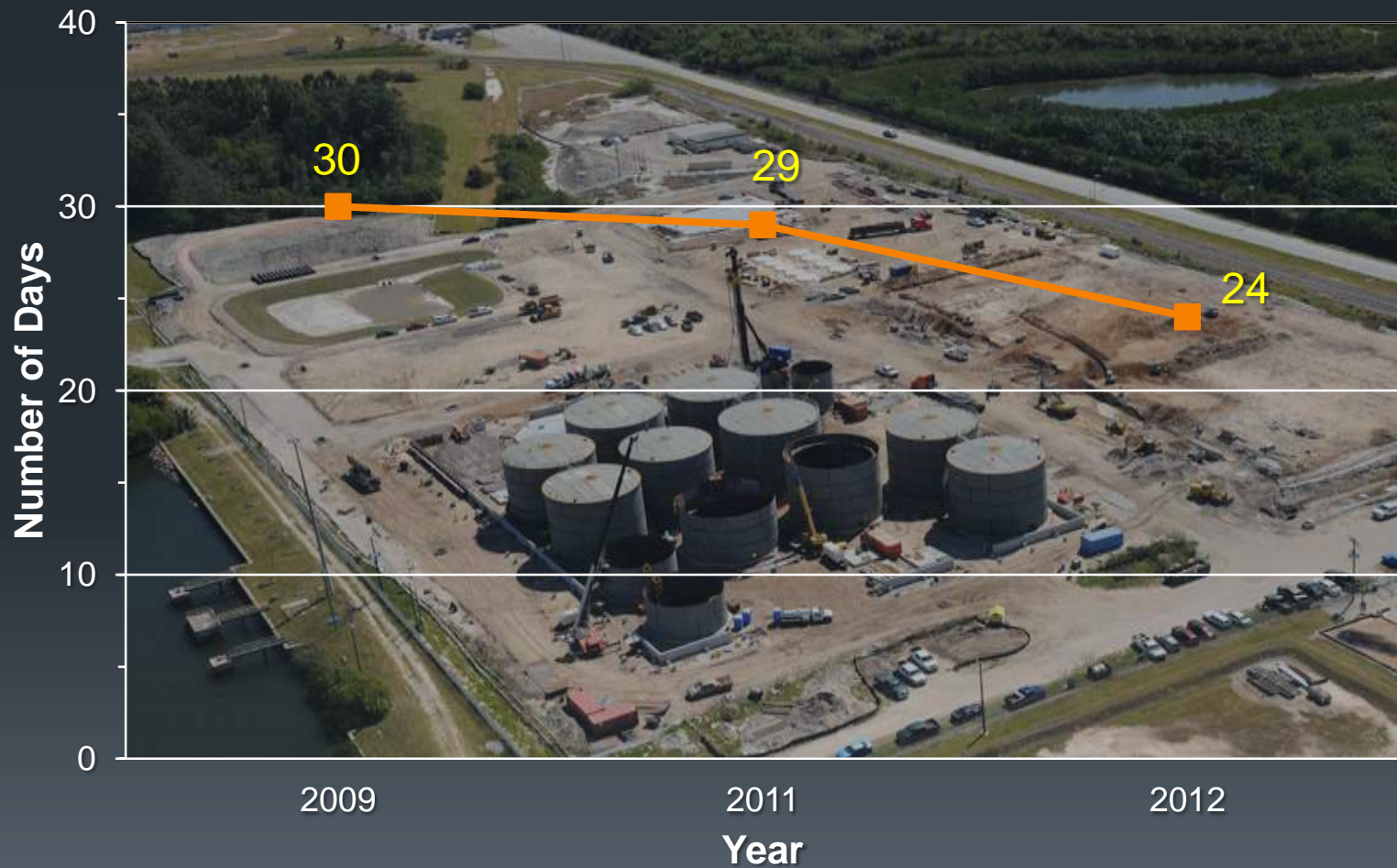
- Mission, Vision, Values statements
- Organizational profile
- Mapping key processes
- Succession planning – ALDP, IDP
- Virtual servers and desktops
- Producing Core Function and Institutional performance measures
- Strategic planning & goals accomplished through Action Plans
- On-line permit tracking system



# 2013 Goals

Core Function	Measure	Pre-Sterling Year (2009)	2011	2012	2013 YTD (3 <sup>rd</sup> Qtr)	2013 Goal
Permitting	Average Time State Construction Permits were In- house	57 days	36 days	36 days	31 days	Less Than or Equal to 36 days
	Average Time Tampa Port Authority Permits were In-house	56 days	53 days	43 days	45 days	N/A
	Average Time EPC Permits were In-house	21 days	20 days	16 days	17 days	Less Than or Equal to 20 days
Compliance	Timely Resolution of Lower Level Non-Compliance Cases	92%	90%	91%	93%	Greater Than 90%
Environmental Complaints	Timely Initiation of Investigation	99%	99%	99+%	100%	Maintain 99%
Enforcement	Timely Initiation of Enforcement	73%	81 %	76 %	94%	85%

# Average Number of Days for EPC to Issue a Construction Permit



# Facility Compliance Rates



# Long Term Goals for the Agency



- Work toward attainment of all air and water quality standards
- Continue to expand one stop permitting
- Build on the Office of Sustainability and initiate community planning for climate change
- Improve public access to information through GIS connected data bases
- Establish a complete on-line services and payment system
- Raise the Agency's efficiency by pursuing the Governor's Sterling Award

# *Thank You!*

ROGER P. STEWART CENTER

