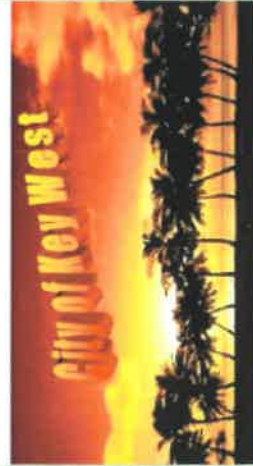


Sustainability Advisory Board Annual Report



PRESERVE ISLAND LIFE



Climate Action Plan



- Monica Haskell, Chair - Commissioner Davila
- Eric Detwiler - Commissioner Hoover
- Dakin Weekley - Commissioner Weekley
- Joanne Tarrantino Wilson - Mayor Johnston
- Lucy Carleton - Commissioner Wardlow
- Alison Morales-Kerr - Commissioner Lopez
- Richard Lightner, III - Commissioner Kaufman

City Accomplishments

Transportation

- ✓ Multimodal Trans. Coordinator
- ✓ Bike Ped Master Plan
- ✓ Bike Action Plan
- ✓ Parking Alternatives Transportation Group
- ✓ Duval Loop Expansion
- ✓ Google Maps!



PRESERVE ISLAND LIFE



The Waterfront Brewery

8 min 24 min 24 min 8 mi

Arrive by 2 PM 85° Options

17 > Red 24 min

1:33 PM - 1:57 PM · \$2.00
at 1:50 PM & 2:37 PM from Eaton & White

City Accomplishments

Reduce, Reuse, Recycle

- ✓ First Green Business Certification
- ✓ Education / Outreach Events
 - ✓ Lead By Example Event / Plastic Ocean
 - ✓ Plastic Bag & Styrofoam Recycling
 - ✓ Peer to Peer Postcards
 - ✓ Green Drinks
- ✓ Commercial Recycling



City Accomplishments

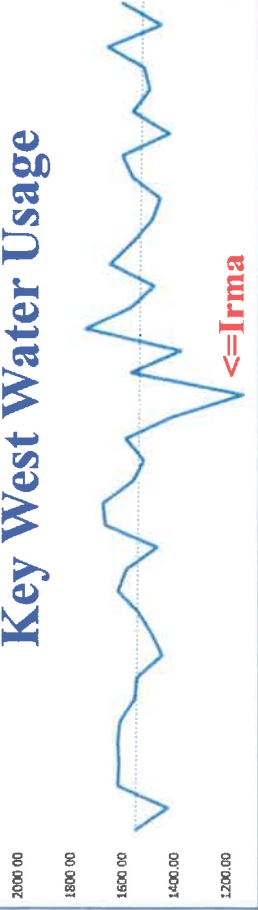
Green Building

- ✓ City Hall
- ✓ BPAS
- ✓ Workshops (USCBG/FIRM/ARCOSA)
- ✓ Adaptation Partnerships

Water

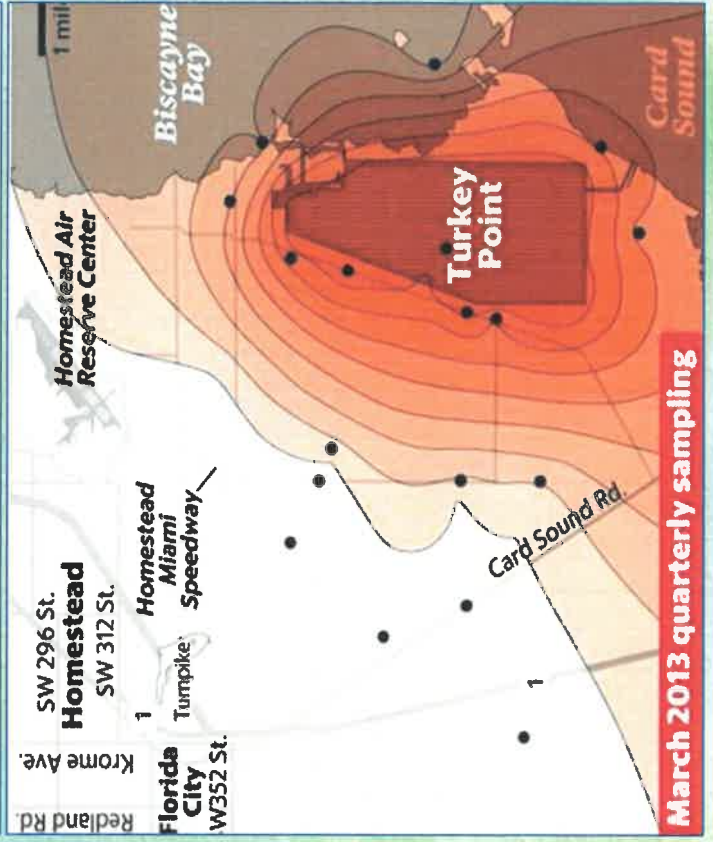
- ✓ Turkey Point Saltwater Plume
- ✓ ~260,000 Gallons of Cisterns

Key West Water Usage



PRESERVE ISLAND LIFE

Turkey Point's leaky cooling canals



BPAS: Friendly Amendments

Cisterns Provide:

- 1) Potable Water Conservation
- 2) Stormwater Reduction
- 3) Water Quality Protection
- 4) Hurricane Resilience

WIN

Rethinking Stormwater Systems:

- Cisterns: Vertical/Below Ground
- Swales: Horizontal, at Ground

Which provides more space ?

d. Applicants may request exemption from cisterns, if:

- (i) The applicant is pursuing points for providing **50%** affordable units at median or low-income classification.
- (ii) The applicant seeks to create accessory unit(s) on a property that is at or in exceedance of maximum building coverage and/or impervious surface ratio, and the applicant pays into the Stormwater Fund **\$2 per gallon in mitigation** for the size of cistern exempted.



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City Accomplishments



Landscaping & Permeability

- ✓ Tree Commission Workshop: 12 Policy Recommendations
- ✓ Grant: Growth of Canopy, Growth of Imperviousness

Energy

- ✓ Energy Manager = Energy Savings
- ✓ City Hall Savings
- ✓ Energy Certification
- ✓ Energy Auditing Tools
- ✓ Time?



SAB FY19/20 Priorities



1) Less Cars on the Road

- ✓ Support Transit Overhaul: North Roosevelt Express
- ✓ Implement Bike Ped Master Plan
- ✓ Outreach to Tourists to not Bring Cars to Town

2) Reduce Energy Use

- ✓ Solar Push: Support Monroe County PACE Program
- ✓ Change All Street Lights to LED's
- ✓ In-house audits of other City Buildings
- ✓ Track Carbon Footprint

SAB FY19/20 Priorities



3) Reduce Waste Stream

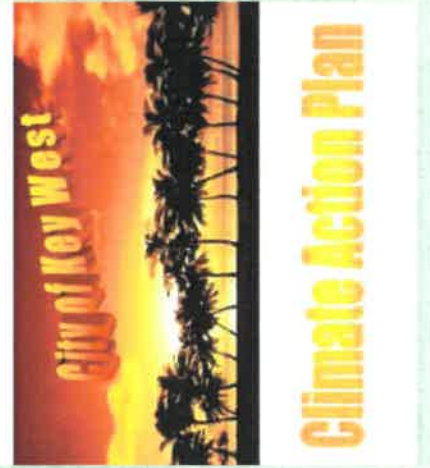
- ✓ Mandatory Commercial Recycling
- ✓ Ban Single Use Plastic Items
- ✓ Pilot Pay As You Throw Program
- ✓ Support Curbside Organics Collection
- ✓ Seek new uses for Glass



4) Green Buildings

- ✓ Increase Efficiency and Resiliency of new and existing buildings, residential and commercial. Track it!
- ✓ Update LDR's for more CRS points
- ✓ Solve stormwater and impermeability issues

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Thank You!