



GREEN YOUR ROUTINE WEBSITE

April, 2015

Page 1 of 22

Exhibit 1
CAM 15-0514

The Project

- September 2012 to April 2015
- Resource Recovery Board Grant Funded
- Cross-departmental focus
- 70+ Community Builders contributed ideas
- Evolution from a few recycling and forestry pages → interim section on City's main site → over 450 pages of original content

The Website

- Sits on same CMS as other City sites
- Design builds on penetration of GYR brand
- Unique wireframe/structure addresses all six sustainability topics and speaks to four distinct audiences
- Operates as a destination ***and*** portal
- Informative, engaging, useful
- Sustainability as people, planet and profit
- Supports Strategic Goals



Let's take a look...

WELCOME! Explore our new Green your Routine website, share your feedback and your own green success stories. We hope you will visit often and tell your neighbors. Please note that some of our features are still under construction. We appreciate your patience while we load all of the wonderful content about sustainable Fort Lauderdale.



CITY OF FORT LAUDERDALE



Search...



GREEN YOUR ROUTINE

AT HOME AT WORK AT SCHOOL AROUND TOWN GREENER GOVERNMENT



CLIMATE
RESILIENCY



CONSERVATION
& EFFICIENCY



RESPONSIBLE
DEVELOPMENT
& LAND USE



NATURAL
RESOURCES
PRESERVATION



TRANSPORTATION
& CONNECTIVITY



RECYCLING &
WASTE REDUCTION



CLIMATE RESILIENCY
MITIGATING RISK AND ADAPTING TO CHANGE

EVENTS

NEWS

LINKS

There are no Events.

[View All Events »](#)

**GREEN YOUR
ROUTINE
IN ACTION**
CITY OF FORT LAUDERDALE



Discover, explore and create a
sustainable Fort Lauderdale.
[Start Here >>](#)

**SEE ALL
OUR NEW
GOING
GREEN
APPS**



**SUSTAINABILITY
ACTION
PLAN**
CITY OF FORT LAUDERDALE



RECYCLING & WASTE REDUCTION



Being mindful of what we consume and how we dispose of things is one of the easiest ways to Green Your Routine and has a positive impact on all three aspects of sustainability. Thoughtful purchasing, careful use and appropriate disposal protects our environment, contributes to our local economy, and keeps our neighborhoods clean and safe. This section of our website has information about reducing waste at its source, the services that we offer curbside, in public spaces and for the commercial sector, and how to dispose of most anything at home, at work and all around the City of Fort Lauderdale.

YOUR SOLID WASTE SERVICES



A to Z DISPOSAL DIRECTORY



NEED A CART? MISSED PICKUP? QUESTIONS?

HOUSEHOLD HAZARDOUS WASTE



RECYCLING IN FORT LAUDERDALE



GETTING TO ZERO WASTE



HOW TO RECYCLE

Hi Kids!

VOLUNTEER

OUR WASTE STREAM



DISPOSAL & CLEAN-UP EVENTS





JOIN IN



AT HOME AT WORK AT SCHOOL AROUND TOWN GREENER GOVERNMENT

[Greener Government](#) » [Recycling & Waste Reduction](#) » [Recycling in Fort Lauderdale](#)**▼ RECYCLING & WASTE REDUCTION**

- ▶ SOLID WASTE & RECYCLING SERVICES
- ▶ OUR WASTE STREAM
- ▶ GETTING TO ZERO WASTE

▼ RECYCLING IN FORT LAUDERDALE[WHY RECYCLING MATTERS](#)**▼ WHAT AND HOW TO RECYCLE**[GENERAL RECYCLING GUIDELINES](#)[▶ RECYCLING PLASTICS](#)[RECYCLING PAPER, PAPERBOARD & CARDBOARD](#)[RECYCLING GLASS](#)[RECYCLING METALS](#)[RECYCLING QUICK REFERENCE GUIDE](#)[RECYCLING MYTHS](#)[5 WAYS TO INCREASE RECYCLING](#)[DON'T RECYCLE THESE!](#)[STAGING YOUR](#)

WHAT AND HOW TO RECYCLE IN FORT LAUDERDALE

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The object of recycling is to turn our trash into raw materials for manufacturers. Doing this requires that we pull the right kinds of waste out of our community's waste stream and send it through the recycling process. Almost half of all waste produced in the United States is the "right kind", including up to 85% of typical household waste.

Yet, what is "right" to recycle is still very much a local issue, and we understand that can be confusing. As the recycling industry matures we will see more consistency. For now, it is not uncommon to be able to put one type of material into recycling in one City, only to have the same material rejected in another. It is important for you to know the recycling guidelines for Fort Lauderdale.

We are continually working with our processor to expand the number of items that can be recycled here, and we are lucky to be part of a metropolitan region that offers many options for recycling the items that cannot go into our City's carts or containers. We ask that all neighbors familiarize themselves with our guidelines.

This section teaches you how to recycle cleanly in Fort Lauderdale, and introduces the recycling services provided by the City. Please refer to our [GYR Waste Directory](#) for options beyond local recycling.

GENERAL RECYCLING GUIDELINES**RECYCLING PLASTIC****RECYCLING PAPER & CARDBOARD****RECYCLING GLASS****RECYCLING METALS****DO NOT RECYCLE**



GREEN YOUR ROUTINE

AT HOME AT WORK AT SCHOOL AROUND TOWN GREENER GOVERNMENT

JOIN IN



[Greener Government](#) » [Recycling & Waste Reduction](#) » [Recycling in Fort Lauderdale](#) » [What and How to Recycle](#)

▼ RECYCLING & WASTE REDUCTION

- ▶ SOLID WASTE & RECYCLING SERVICES
- ▶ OUR WASTE STREAM
- ▶ GETTING TO ZERO WASTE

▼ RECYCLING IN FORT LAUDERDALE

WHY RECYCLING MATTERS

▼ WHAT AND HOW TO RECYCLE

GENERAL RECYCLING
GUIDELINES

▶ RECYCLING PLASTICS

RECYCLING PAPER,
PAPERBOARD &
CARDBOARD

RECYCLING GLASS

RECYCLING METALS

RECYCLING QUICK
REFERENCE GUIDE

RECYCLING MYTHS

5 WAYS TO INCREASE
RECYCLING

▶ DON'T RECYCLE THESE!

STAGING YOUR

PLEASE DON'T RECYCLE THESE!

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The City of Fort Lauderdale earns income for each load of [clean recyclables](#) delivered to our processing plant. This income offsets the cost of providing sanitation services in our City. We earn less for contaminated loads. The following are the top contaminants.



1. **Food.** Whole, part or just the stuff that sticks. Keep it all away from your recyclables please. That includes liquids. Especially greasy liquids. For more on food waste, click [here](#).
2. **Plastic bags** or anything that looks or feels like a [plastic bag](#), such as dry cleaning covers and disposal gloves.
3. **Polystyrene foam** or similar products, such as packing peanuts and foam drink cups. Learn more about foam [here](#).
4. **Unrecyclable glass**, such as mirrors, windows, china and other dishware, and knick-knacks. Learn more about glass [here](#).
5. **Hazardous Waste.** For information on proper disposal of hazardous waste (everything from batteries to medication), click [here](#).

[SOLID WASTE & RECYCLING SERVICES](#)[OUR WASTE STREAM](#)[GETTING TO ZERO WASTE](#)[RECYCLING IN FORT LAUDERDALE](#)[GREEN YOUR ROUTINE WASTE DISPOSAL DIRECTORY](#)[A TO Z WASTE DISPOSAL INDEX](#)[HOUSEHOLD HAZARDOUS WASTE](#)[HHW STORAGE & DISPOSAL GUIDELINES](#)[FERTILIZERS, HERBICIDES & PESTICIDES](#)[PAINT](#)[SOLVENTS & CLEANING PRODUCTS](#)[PROPANE, LIGHTER FLUID & FLAMMABLES](#)[FIRE EXTINGUISHERS](#)[LIGHTING & LIGHT BULBS](#)[GARDENING, LAWN CARE, HOLIDAY TREES](#)[OVERSIZED ITEMS](#)[ELECTRONIC WASTE](#)[MEDICATIONS & MEDICAL WASTE](#)[AUTOMOTIVE WASTE](#)[PET WASTE](#)[HOUSEHOLD GREASE \(FOGS\)](#)[CLOTHING](#)[BOOKS](#)Font Size: [+](#) [-](#) [+](#) [Share & Bookmark](#) [\[+\] Feedback](#) [Print](#)**HOUSEHOLD HAZARDOUS WASTE**

According to the Environmental Protection Agency (EPA), hazardous waste is "waste that is dangerous or potentially harmful to our health or the environment. Hazardous wastes can be liquids, solids, gases, or sludges. They can be discarded commercial products, like cleaning fluids or pesticides, or the by-products of manufacturing processes." **Household hazardous waste (HHW) includes common household items that contain toxic chemicals and therefore need proper handling during disposal.**

HHW typically includes items used to clean, lubricate, paint, fuel and exterminate. The average household will have a number of items that qualify as HHW in kitchens, bathrooms, garages and sheds, home offices, storage spaces and even bedrooms. Hazardous waste is often highly regulated material, meaning that the Environmental Protection Agency (EPA) licenses certain waste disposal facilities to accept and process the waste safely.

**HHW STORAGE & DISPOSAL GUIDELINES**

The City of Fort Lauderdale offers a number of opportunities for you to dispose of HHW so that it does not harm humans, wildlife or the environment. We have partnered with neighboring communities to provide free, frequent and convenient drop-off events for HHW disposal and electronics recycling. All that is required to participate is proof of residency, such as a drivers license or utility bill.

To learn more about disposing of specific types of HHW, visit our pages on [fertilizers and pesticides](#), [paint](#), [solvents and cleaning products](#), [propane and other flammables](#), [fire extinguishers](#), and [lighting](#).

HHW & ELECTRONICS DROP-OFF EVENTS

RECYCLING & WASTE REDUCTION

- SOLID WASTE & RECYCLING SERVICES
- OUR WASTE STREAM
- GETTING TO ZERO WASTE
- RECYCLING IN FORT LAUDERDALE
- GREEN YOUR ROUTINE WASTE DISPOSAL DIRECTORY

SOLID WASTE EVENTS

HOUSEHOLD HAZARDOUS WASTE DROP-OFF

- HHW DROP-OFF LOCATIONS

ADOPT-A-STREET

WATERWAY, PARK & BEACH CLEAN-UPS

HHW DROP-OFF EVENT LOCATIONS

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Household Hazardous Waste Drop-off Events are held throughout the year. City of Fort Lauderdale residents may participate in events taking place in Fort Lauderdale, Coconut Creek, Coral Springs, Pompano Beach and Tamarac. [City of Fort Lauderdale HHW Drop-off Guidelines](#) apply at all events.

For 2015, the following HHW Drop-Off Events are being offered. All events take place on a Saturday, except where noted.

Fort Lauderdale	Coconut Creek	Coral Springs	Pompano Beach	Tamarac
- January 24	- March 7	- February 7	- June 6	- May 2
- April 11	- September 12	- October 4 (Sunday)	- November 7	- December 5
- August 1				

Effective October 1, 2013, Fort Lauderdale's neighbors are no longer able to dispose of household hazardous waste, electronics, or yard waste at any of Broward County's drop-off locations. This service change reflects a decision to streamline fiscal spending for the City's neighbors. Residents should continue to dispose of yard waste through the City's curbside [Yard Waste](#) or [Bulk Trash](#) Collection Programs.

Please refer to the map below for event addresses. You may need to zoom out to see all locations. Click on the green HHW symbol for each location to get links to directions and additional event details.

HHW Drop-off Event @ Fort Lauderdale

Get directions (3.32 miles)

2201 NW 9th Avenue Mills Pond Park
Fort Lauderdale, FL 33311

PHONE: (954) 828-8000

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GREEN YOUR ROUTINE WASTE DISPOSAL DIRECTORY

The very best way to handle waste in our community is not create it in the first place. Buying just what you need, favoring items with less packaging, and bringing re-usable shopping bags with you makes a huge difference in how much trash we collect and process. Eventually though, things will be used up or worn out or no longer useful to you. **Use this directory to determine how to dispose of the things you no longer need. Please keep in mind that many of the things we throw away in a modern society are specialized waste.** This includes items that cannot be sent through the traditional recycling or disposal streams because the waste is either hard-to-handle, toxic or hazardous, oversized, dangerous to the public, or regulated in some way. Find detailed instructions for disposal here, or contact [City of Fort Lauderdale 24-hour Customer Service](#) for additional assistance.



AAerosol cans (empty) **R**Aerosol cans (not empty) **GHE**Aluminum Foil (clean) **R**Asceptic boxes (empty) **R**Automotive Batteries **HSE**Automotive Waste **HSE****B**Bags (cloth, leather, etc.) **D**Bags (paper) **R**Bags (plastic) **S**Batteries **HSE**Berry containers (plastic) **R**Beverage cans **R**Beverage cups (foam) **G**Biohazards **HE**Books **DR**Bottlecaps (metal) **R**Bottlecaps (plastic) **R**Bottles (glass) **R****I**Ink and Printer Cartridges **SHE****J**Jack-o-Lanterns **YD**Jars **R**Jewelry **D**Juice boxes **R**

Juice pouches

Junk mail **R****K**

Kitchen Oil and Grease

LLawncare Chemicals **HE**Lighting & Light Bulbs **DHEG**Lighter Fluid **HE****M**Magazines **R**Medication **HES**Medical Waste **H**Mercury-based Light Bulbs **HE**Metal containers **R****S**Secure Collection Boxes **H**
(for Medicine & Needles)Shoes **D**Shredded Paper **R**Solvents **HE**Stickers & decals **DG**Straws (plastic) **R**Styrofoam **SG****T**Televisions **DHE**Thermometers **HE**Tiles (Roofing) **DG**Tires **SB**Toothpaste tubes **G**Trees (Holiday) **YBE**Tree Trimmings (Branches & Leaves) **Y**Tree Trimmings **DRGH**
(Holiday Decorations)Tree Trunks **YB**Tubs (plastic) **R**

City of Fort Lauderdale

Green Your Routine

AT HOME AT WORK AT SCHOOL AROUND TOWN GREENER GOVERNMENT

Greener Government » Recycling & Waste Reduction » Green Your Routine Waste Disposal Directory » Gardening, Lawn Care, Holiday Trees

TREE TRIMMINGS AND TREE TRUNKS

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Tree trimmings should be disposed of in your green yard waste cart. Cut large pieces down to fit in the green cart so that the lid

TREE TRIMMING

Pruning is best done from winter to early spring (before new growth quickly as growth starts in the spring and insect and disease infestation).

Trimming as little of the tree as possible should be the objective of a tree.

There are certain tools needed to prune if taking on the task yourself. Tools you may need when pruning young trees or pruning the lower part of a tree.

Remember not to "top" your trees, and don't let landscaping companies otherwise known as stubbing or heading, is harmful to the health of your trees when they grow too large or into utility wires. There are several alternatives on your property:

- Start out right by planting trees that will fit your available space
- Begin proper pruning early in the life of a tree
- To slow the growth of a tree- avoid the use of nitrogen fertilizer
- Prune properly and regularly. A light pruning every three years in condition

Working with a Professional Tree Trimmer

When working with a professional, be sure to check that the company is licensed, bonded, and insured, and that all staff has been trained in proper tree trimming. When a tree in Fort Lauderdale, tree pruning must be done according to accepted standards. Commercial tree trimmers must have Broward County Tree Trimmer Certification. Additional information can be found using these links:

- Broward County Tree Trimmer Licensing Investigation & Enforcement
- Broward County Tree Trimmer Cards

For more information, see Working with a Tree Service Company.

More Information

UF IFAS University of Florida IFAS Extension
shade trees and the Proper Way

The first document is a two-page guide by UF-IFAS regarding shade trees in the landscape differently in the landscape than they do in the forest because of more shade. The second link takes you to information on pruning trees in the landscape. The third link takes you to information on pruning trees in the landscape.

Tree City USA Bulletin No. 8: Do It Right

This is a summary of the Arbor Day Foundation's Tree City USA Bulletin No. 8: Do It Right.

City of Fort Lauderdale

Green Your Routine

AT HOME AT WORK AT SCHOOL AROUND TOWN GREENER GOVERNMENT

Greener Government » Natural Resources Preservation » Wildlife & Habitats

WILDLIFE & HABITATS

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WE ARE WILD



Look at any photograph of Fort Lauderdale and you will notice our gleaming office towers, our bustling airport, our planned network of neighborhoods and streets. You will see an impressive amount of green and blue, places where nature is able to preserve the unique ecosystem that brought us here to settle long ago.

The early settlers were impressed with the bounty of wildlife. From the beginning, the animals of the region brought the curious and the courageous, and they, along with the beautiful climate, were the main attraction in our burgeoning tourism industry and a driver of population growth. Settlers also knew that certain animals were crucial to their survival. Some they ate, and some were needed for healthy crops, and still others controlled the mosquito population. While the City's human population grew, the settlers knew it was important to preserve the animal population here and healthy.

It is still the same today. **While Fort Lauderdale is a bustling urban epicenter, we are a little wild and are doing everything we can to stay that way. You can help.** This section introduces the many animals which you will see around our beautiful City, and provides information you need to welcome them safely into your neighborhood.

OUR WILD NEIGHBORS

Meet the wondrous inhabitants of our air, land and water. We will tell you how they help us, and what we can do to help them. From the manatees and turtles who are the Stars of our Sea, to the butterflies and hummingbirds who are our Productive Pollinators, to our Natural Pest Controllers like frogs, bats and owls. Snowbirds who migrate through each year, you will

NATURAL RESOURCES
PRESERVATION

CLEAN AIR

REDUCING GHG EMISSIONS

- CLEAN WATER
- GROWING OUR GREEN CANOPY
- BEACH PRESERVATION AND OCEAN WILDLIFE
- FLORIDA-FRIENDLY LANDSCAPING
- WILDLIFE & HABITATS

CLEAN AIR

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Clean air is essential to our health, the environment, and agriculture. Fort Lauderdale and the South Florida region have generally good air quality. Yet, there are ways to make the air we breathe even healthier, and in doing so we can also help to alleviate symptoms experienced by our neighbors with lung disease, improve the growing environment for trees and plants, and reduce the emissions which are thought to affect climate in the long term.

The American Lung Association's *State of the Air 2014* report used the U.S. Environmental Protection Agency's Air Quality System (AQS) database to collect data from 2010 to 2012 to produce county-by-county ratings of air quality. On a scale from A to F, Broward County scored a "B" for its ozone quality and a "B" for its short-term particle pollution (which measures hours-long spikes in the particle pollution).

Today's Forecast...



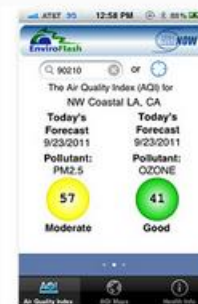
To get even more forecast information, go to Air Now's [Air Quality Index Forecast](#).



What's in our air?

Well, plenty of fresh air with all the things we need. Nevertheless, the air we breathe can be contaminated in small percentages that do make a difference. Some pollutants are natural, such as too much pollen or smoke from a wildfire. However, the majority of pollutants (or air

Through EnviroFlash, you can [subscribe to notifications](#) or [download the AirNow app](#) to your phone and always have the AQI at your fingertips.



What is the Air Quality Index (AQI)?

Good 0-50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate 51-100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups 101-150	Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy 151-200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy 201-300	Health alert: everyone may experience more serious health effects.

Greener Government

GYR DICTIONARY AND SITE INDEX

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Greening your routine should be a personal adventure. There is no right or wrong way to start. We have structured this website to encourage you to explore topics in any order you like. If you are looking for specific information, try this alphabetized index. Listing are linked to pages on our site where you can get started with various topics, and each is defined to help you learn more about sustainability,

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

A

Adaptation

Adaptation Action Areas

Air toxins - Air toxins or toxic air pollutants are those pollutants that are known or suspected to cause cancer or other serious health effects, such as reproductive effects or birth defects, or adverse environmental effects. Most air toxins originate from human-made sources, including mobile sources (e.g., cars, trucks, buses) and stationary sources (e.g., factories, refineries, power plants), as well as indoor sources (e.g., some building materials and cleaning solvents).

Alternative Fuel

Aquifer - An underground layer of water-bearing or permeable rock containing

J

K

L

Landfill - A place where solid waste is disposed of, buried, or treated.

Lead - A naturally occurring element found in small amounts in the earth's crust. It can be toxic to humans and animals causing of health effects. Much of our exposure comes from human activities including the use of fossil fuels including the past use of leaded gasoline and lead-based paint in homes, as well as some types of industrial facilities. Lead can also be emitted into the environment from industrial sources and contaminated sites, such as former lead smelters (U.S. EPA).

LED Lighting - Light-Emitting diode, or LED, is an electronic device that emits

S

Saltwater intrusion - The movement of saltwater into freshwater aquifers. Saltwater is able to push inland beneath freshwater because it is denser and has a higher water pressure due to its high mineral content. Human activities that can contribute to saltwater intrusion are: groundwater pumping from coastal freshwater wells, navigation channels, and agricultural drainage channels. Saltwater intrusion can also be worsened by naturally occurring events such as hurricane storm surges.

Secure Collection Boxes (for Medicine & Needles) - Specialized drop-boxes for collection of expired medications or those no longer needed by the patient. Secure collection boxes are available through Fort Lauderdale Police, as well as many hospitals and pharmacies. Medication

EDIT BACK

CITY OF FORT LAUDERDALE

Search



GREEN YOUR ROUTINE

AT HOME AT WORK AT SCHOOL AROUND TOWN GREENER GOVERNMENT

JOIN IN



Greener Government

JOIN IN!

Green Your Routine is not just a program, a slogan, or a brand. It is a call to action. Thanks to you, our neighbors, it is also a way of life in our community. **The first and most important way you can join in is to look at how you live, work and enjoy our fine city, and make small changes at your own pace based on the information you find on this website, those we link to, and other sources that teach about sustainability.**

For those who want to hear or do more, we offer many convenient and fun options. Click on the links below, or contact our **Office of Neighbor Support**. We're always adding new opportunities, so watch this page for updates and additions, and check our **calendar** for specialized volunteer events.

**BE A
GREEN YOUR
ROUTINE
VOLUNTEER**



**SHARE YOUR
SUCCESS
STORY**



**CHECK OUT
OUR
ACTION MAP**



FOLLOW US



WATCH FLTV



**BOOKMARK &
SHARE THIS
WEBSITE**





AT HOME AT WORK AT SCHOOL AROUND TOWN GREENER GOVERNMENT

▼ NATURAL RESOURCES PRESERVATION

- ▶ CLEAN AIR
- ▶ CLEAN WATER
- ▶ GROWING OUR GREEN CANOPY

▼ BEACH PRESERVATION AND OCEAN WILDLIFE

- ▶ OFFSHORE REEF PROJECTS
- ▶ PRESERVATION CHALLENGES, PLANS AND TACTICS

▼ KEEPING OUR BEACHES CLEAN

- ▶ GREEN YOUR BEACH ROUTINE
- ▶ SEAWEED COMPOSTING
- ▶ NO BUTTS ON THE BEACH, PLEASE!
- ▶ SEA TURTLES
- ▶ FLORIDA-FRIENDLY LANDSCAPING
- ▶ WILDLIFE & HABITATS

[Greener Government](#) » [Natural Resources Preservation](#) » [Beach Preservation and Ocean Wildlife](#) » [Keeping our Beaches Clean](#)

NO BUTTS ON THE BEACH, PLEASE!

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Small litter such as gum wrappers, bottle caps, straws, and cigarette butts may seem harmless, but in reality they accumulate over time and pose a threat to the environment and our economy. Fort Lauderdale sees all these types of trash and more on our beaches but the litter that requires the most attention is cigarette butts.



Cigarette butts are the number one littered item found on beaches and waterways worldwide. The Ocean Conservancy's annual [International Coastal Cleanup](#) (ICC) reports that "cigarette butts have been the single most recovered item since collections began." Data from the annual ICC shows that in 2010, over one million cigarettes or cigarette filters were removed from American beaches and inland waterways. The small pieces of trash are not only unattractive but are also harmful to the environment and marine life. The filter in a cigarette butt is made of a plastic called cellulose acetate which can take up to twenty-

five years to break down and during this time it can be ingested by marine life. If an animal eats cigarette butts, they can block the digestive tract or fill its stomach, causing malnutrition or starvation. The toxic chemicals and carcinogens found in the butts' filters and any remnant tobacco are quickly leached from the butts by water. These chemicals contaminate waterways and poison wildlife.

Discarded cigarette butts in the streets can be carried as runoff from streets into storm drains which lead to the ocean and can end up on our beaches. Every two weeks the City of Fort Lauderdale collects 8,000 to 10,000 cigarette butts from a section along Las Olas beach that is only one third of a mile. **Page 17 of 22**





AT HOME AT WORK AT SCHOOL AROUND TOWN GREENER GOVERNMENT

[Greener Government](#) » [Climate Resiliency](#) » [Innovative Pilot Projects](#)

PAVEDRAIN SYSTEMS

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This is a pilot project of the City's Transportation and Mobility Department, and is the first application of its kind in South Florida. Installed at City Hall's Orchid Parking Lot, which is also a demonstration area for other sustainable technologies, the Pave Drain System is designed to mitigate the danger and effects of major stormwater flow over paved surfaces. It looks like any other tiled surface, but functions dramatically differently.



PaveDrain fire truck drainage test
Fort Lauderdale, FL

In order to evaluate the product's performance, the City performed a test in November, 2013. To simulate a major stormwater event, a City of Fort Lauderdale firetruck was loaded with 700 gallons of water which was then released onto the PaveDrain surface. In less than 60 seconds the water dispersed and was drained completely, keeping the parking lot safe for pedestrians and vehicles, as well as demonstrating a

TRANSPORTATION & CONNECTIVITY

- BETTER STREETS FOR EVERYONE
- TRANSIT OPTIONS: LEAVING YOUR CAR AT HOME
- GREENER DRIVING AND PARKING

CYCLING OUR CITY

- BIKE PATH AND LANES
- BIKE SHARING
- OUT ON THE WATER
- GYR AT FXE

BIKE SHARING

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Broward B-Cycle is a bike sharing program for residents, workers, and visitors. Bike sharing allows you to have a bicycle when you need it, and to give it back when you don't. There are sharing programs offered by private businesses throughout our region. It is an economical and convenient way to make trips that are too far to walk but too short to drive, and it leaves the bicycle maintenance and storage to someone else!

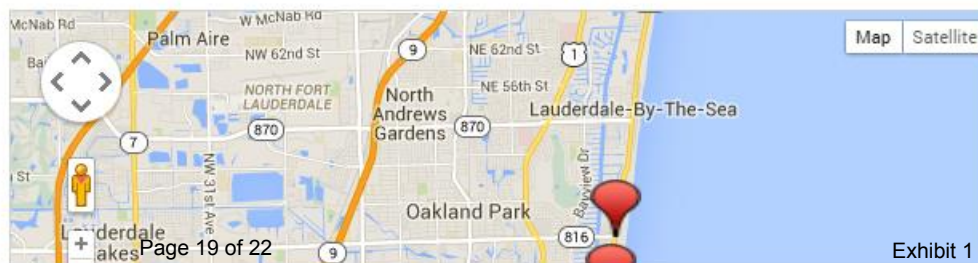
BROWARD B-cycle

- Find a station near you.
- Start your membership.
- See a demo.



B-Cycle is different in that it allows you to pick up a bicycle from one many convenient station locations throughout the County, use the bicycle for as long as you need, and then return it to the same or any other station in the County. B-Cycles can be rented on a single use basis, and also through membership. As a member, you have added conveniences.

Broward B-Cycle opened in December, 2011. In the first year of operation, it helped us burn 3.4 million calories and kept 88,000 pounds of carbon dioxide from entering our atmosphere. There are now 15 stations in Fort Lauderdale.



Greener Government » Climate Resiliency » Climate and Weather in Fort Lauderdale » The Story of Sea Level Rise in Fort Lauderdale

HOW MUCH AND HOW FAST WILL THE SEA RISE?

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A unified projection by the Southeast Florida Regional Climate Change Compact shows a three to seven inch increase in sea level in

Unified Sea Level Rise Project



Fort Lauderdale, FL

ale.gov/at-school



Quick! Look out the window. Go ahead, do it now. What do you see? Buildings? distance? Whatever it is, whatever you see, take in for a minute the fact that it [here, go to school here, have friends here, or just come here for fun, this](#) future. We'd like your help taking care of it. You, our youngest citizens, have found here you can make your home a little greener, teach your family a few earth and important changes at your school and other activities.

CLIMATE BASICS & BIG QUESTIONS



IS YOUR ROUTINE GREEN?



earth (urth) n. [OE north] 1 (left on, the third planet from the sun, as distinguished from the world, as distinguished from the moon) 2 practical; realistic 2 a Earth Day April 22, a day on

TEACH GREEN



THE GREAT OUTDOORS



GETTING WHERE YOU NEED TO GO



CELEBRATE OUR EARTH



le, FL x at-home/sustainability-at-home

GET STARTED WITH GYR

CLIMATE CHANGE AND YOUR HOME

REBATES & INCENTIVES

GYR INSIDE YOUR HOME

GYR OUTSIDE YOUR HOME

GYR IN YOUR NEIGHBORHOOD

HELPFUL LINKS

JOIN IN

At Home

CLIMATE CHANGE AND YOUR HOME

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If you read the popular press lately you might think that Floridians are doomed. In an effort to raise awareness of the very real climate issues our region is facing, everyone from news reporters to bloggers are sounding the alarm.

In the City of Fort Lauderdale, we believe it is important to gather as much information as possible and to focus on data coming out of universities and scientific institutions as well as the public agencies and private organizations that work with them. With good information you can make good decisions.

What does the current data mean for you and the home you own or rent?

GREEN YOUR COOLING ROUTINE



Our hot season is getting longer and may increase in temperature slightly. Check that your HVAC system is maintained properly, drink plenty of water, wear sunscreen, and know what to do in case of a heat emergency. Take a look at our [High Temperature Living](#) pages and our tips for [Greening Your Cooling Routine](#). It's a guide to the steps you can take room by room to cool your home or apartment in ways that don't harm the planet. To cool our city, sign up for

utility e-billing and [get a free tree](#) to plant in your yard or to donate to someone else.

Storms may increase in frequency and intensity. While we all work towards a greener future, we cannot ignore the risks associated with climate, especially rising seas. Being prepared is more important than ever. Be sure to review all of the preparedness information provided by our Emergency Management Department, develop an evacuation plan and check your insurance coverage. Also make sure to do your pre-hurricane season hazardous waste drop off and yard clean-up.

BE READY



Flooding in Fort Lauderdale will continue to be a

Benefits to Neighbors

- Locally relevant
- Multiple perspectives:
 - Challenges and goals
 - What's happening: Our work, news, results
 - Available services and programs
 - How to get involved
- Practical tips and instructions
- Directories, Apps, Maps, Incentives
- Direct link to Customer Service
- Better information... faster



fortlauderdale.gov/gyr