

Welcome to AWAY



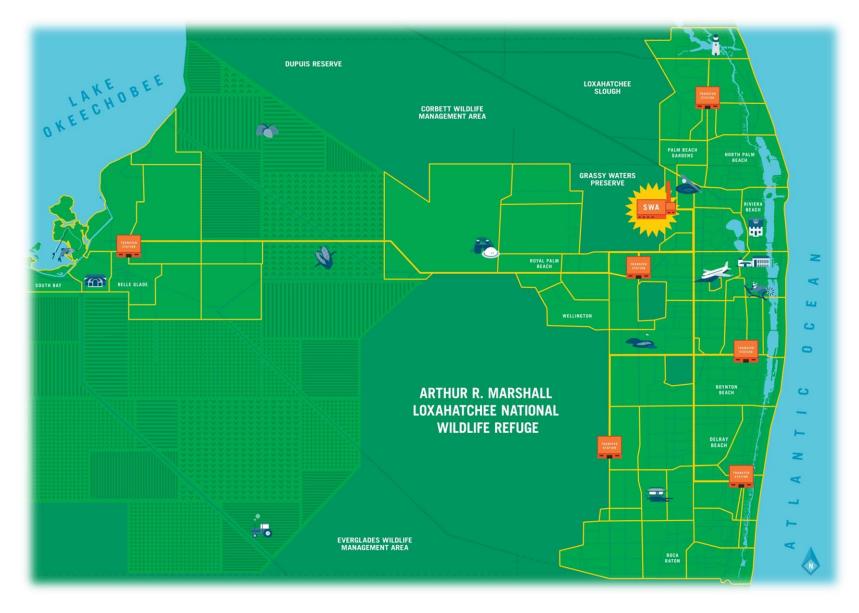
Whether you throw it, recycle it, or flush it AWAY, we put your waste to work...



Agenda

- How AWAY Works
- Industry and Nature Coexisting
- Dual-Stream Recycling
- Waste-to-Energy and Landfills
- Questions?







How much solid waste do you throw away?

Approximately

1,400,000 people in Palm Beach County

X 12 * pounds of solid waste per day per capita

16,800,000 pounds of solid waste per day in Palm Beach County



^{*} This number is representing the <u>total</u> amount of solid waste generated divided by the total population.









RECOVERED MATERIALS PROCESSING FACILITY

Processes recyclables for market



SAVES NATURAL RESOURCES





HOME CHEMICAL AND RECYCLING CENTER



KEEPS WATER CLEAN





RENEWABLE ENERGY FACILITIES 1 & 2

Burns post-recycled solid waste to create energy



CREATES ENERGY





BIOSOLIDS PELLETIZER
Turns sludge from flush to fertilizer



ECO-FRIENDLY FERTILIZER





LANDFIL

Last resort for solid waste disposi



REUSED AS PUBLIC PARKS





SWA Education Programs Classroom Lessons

- Grade-specific
- Meets Florida State Standards
- Hands-on Interactive Programs
- Available in Spanish
- FREE!









SWA Education Programs Field Trip Experiences





SWA Education Programs Virtual Programs

- Adobe Connect (Webinars)
- Pre-Lessons
- Facebook Live







SWA Education Programs Field Trip Experiences Industry and Nature Coexist









Industry and Nature Coexist



SWA GREENWAY TRAIL SYSTEM















Pine Flatwoods







Cypress Hammock







Marshland

























Industry and Nature Coexist

SWA Grade 3: Industr		SOLID WASTE AUTHORIT Grade 3: Industry and Nat Student Sheet SWA: Protecting People at SWA: Protecting People at Plants and people need clean natural resource in the Plants in Their Habi Instructions: Use the word bank to fill in the Word Bank water sunlight roots slash pine nutrients canopy	ture Coexist and Plants urces for a healthy life, itat he blanks.		
Mammals Reptiles Insects		My tree is a	habitat		
925(17	Page 4	absorb and from the soil.	Gra Instructions:	DLID WASTE AUTHORITY of Palm Boach County de 3: Industry and Nature Coexist Leaf Sketch Use your magnifying glass to draw a detailed of Include all of the colors and shapes in the leaf.	SOLID WASTE AUTHORITY of Palm Beach County Grade 3: Industry and Nature Coexist Solid Waste Authority Instructions: Use the word bank to fill in the blanks. WORD BANK air garbuge rain ashes electricity gallon
			picture of y-	Tree Ring Sketch s: Use your magnifying glass to draw a detailed our tree cookie with its rings, ie has	The SWA burnsto make at the Renewable Energy Facilities. is collected and stored for use in a 2 milliontank. Pollution controls are used to clean the smoke andfrom the



Industry and Nature Coexist Project Learning Tree Activity: Every Tree for Itself





Managing the county's solid waste

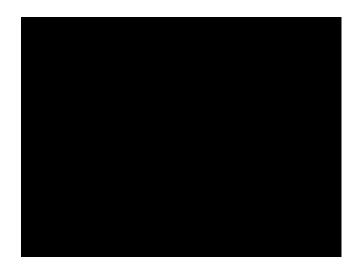














SWA Education Programs Field Trip Experiences Recycle *RIGHT!*





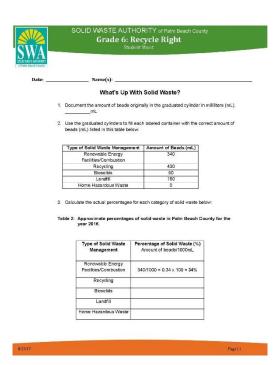


SWA Education Programs Field Trip Experiences Recycle *RIGHT!*





SWA Education Programs Field Trip Experiences Recycle RIGHT!





Managing the county's solid waste ~ Waste-to-Energy~



Burns post-recycled solid waste to create energy



Managing the county's solid waste

~Waste-to-Energy~





SWA Education Programs Field Trip Experiences Renewable Energy









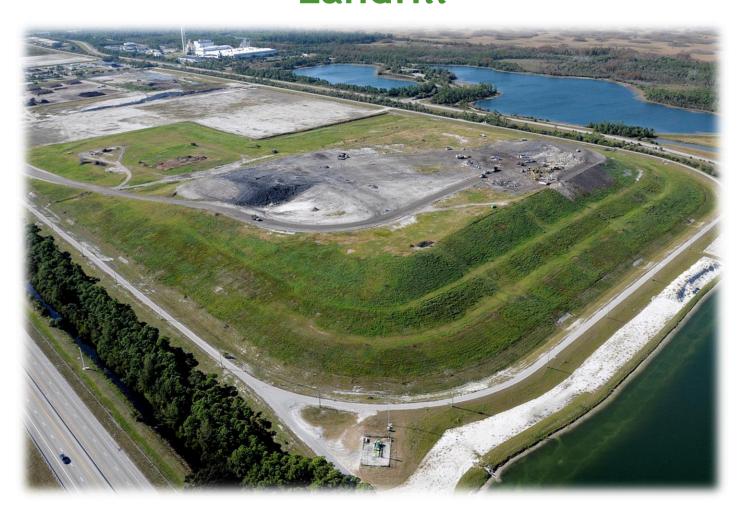
SWA Education Programs Field Trip Experiences Renewable Energy







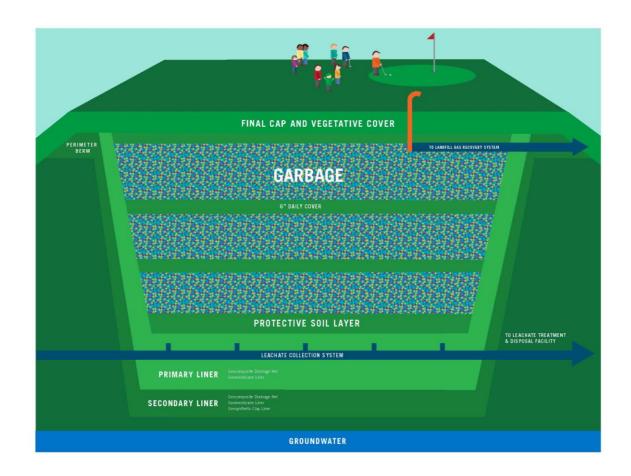
Managing the county's solid waste ~Landfill~



Last resort for solid waste disposal



Managing the county's solid waste ~Landfill~



Last resort for solid waste disposal



What makes a landfill sanitary?





What happens to a landfill when it's full?





What happens to a landfill when it's full?







What happens to a landfill when it's full?











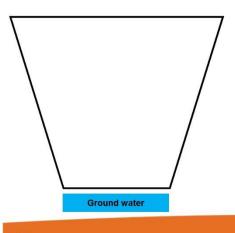
SWA Education Programs Edible Landfill



SOLID WASTE AUTHORITY of Palm Beach County
Middle School: 3R Ambassador Program

Edible Landfill: Breakfast Edition

A modern landfill is made up of many layers to contain garbage and prevent leakage into soil or ground water. Using the provided materials, create your own edible landfill and try to prevent the leachate from seeping through the protective liner. Then draw a diagram of your landfill.



Landfill cap: prevents odor, insect and rodent problems

Soil layer: used to cover daily garbage and ashes

Leachate: natural byproduct of decomposing garbage

Methane flare: burns off harmful methane from garbage decomposing

Garbage & ashes layer: added daily from communities

Gravel layer: prevents liquid from seeping out

Leachate pipe: collects leachate

Sand layer: prevents liquid from seeping out

Plastic liner: prevents leachate from escaping into the ground

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Soil layer: lines the bottom of the landfill





Education Programs 3R Ambassador Program









https://www.youtube.com/watch?v=QIDcFY0DF1U



SWA Education Programs SWA ReTeach Waste Program











https://www.youtube.com/watch?v=yvDgTsh 7MM&t=4s



Questions?

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What can you do?





