GALLOWAY TOWNSHIP
OFFICE OF SUSTAINABILITY
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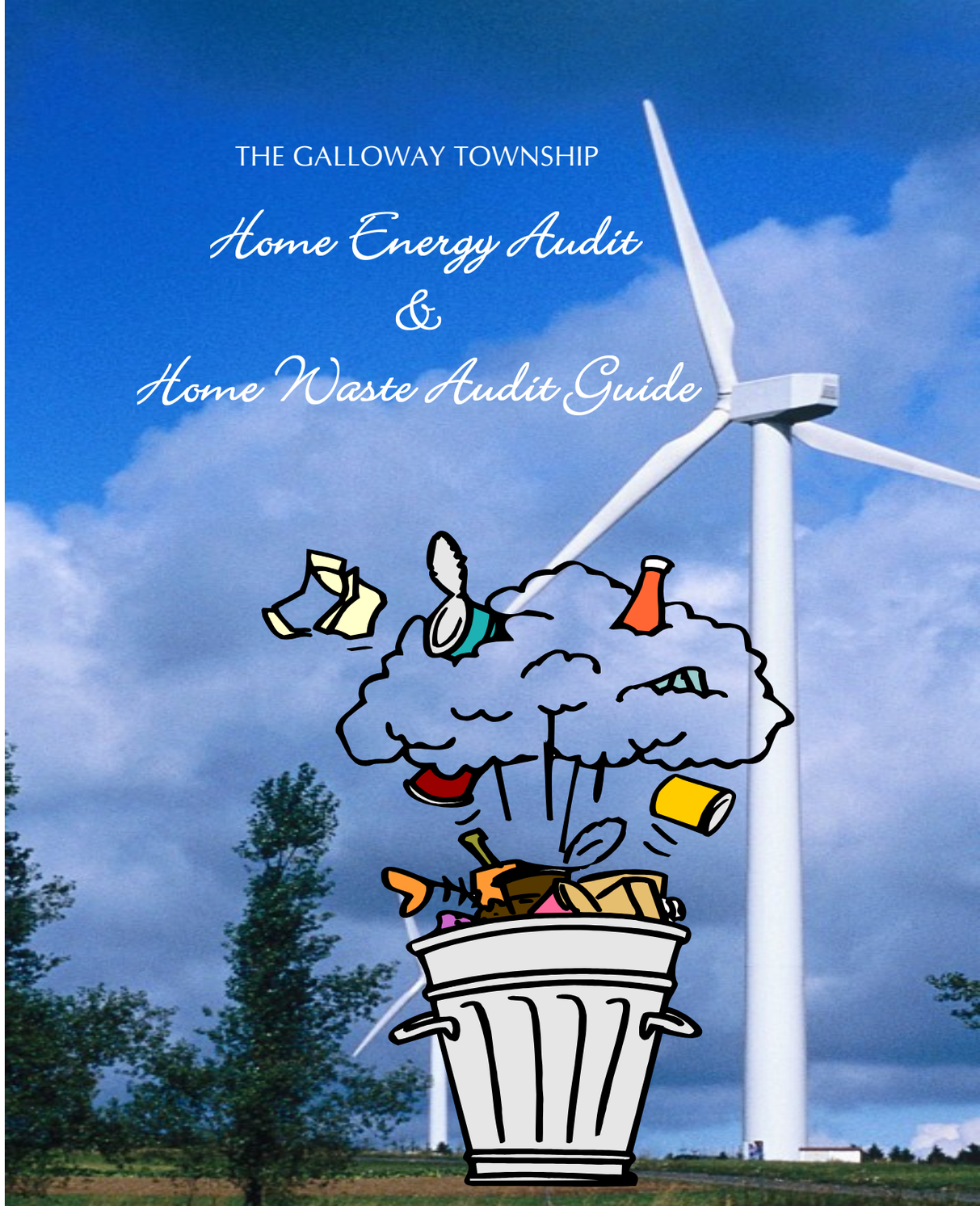
Go Green Galloway
www.gtnj.org

Printed on recycled paper

THE GALLOWAY TOWNSHIP

Home Energy Audit & Home Waste Audit Guide



Shop Green!

Purchase items that made from recycled materials
Look for items that can be recycled
Avoid excessively packaged items

Buy in bulk
Purchase durable goods
Use a cloth shopping bag
Say "NO" to one-use/ disposable items

Choose environmentally friendly cleaning products
Support local farmers
Support local companies
Support Fair Trade

Bulk Waste

NON RECYCLABLE: Call your trash hauler for a quote or take to ACUA 272-6950

Furniture, Mattresses/Box Springs, Carpet & Padding, Tires

RECYCLABLE: Washers, Dryers, Stoves, Metal Furniture: Bring to Galloway Rd. Site

WORKING REFRIGERATORS: Call NJ Clean Energy Program for **FREE PICKUP:**

1-877-270-3520 or visit NJCleanEnergy.com **($50 rebate)**

Options for Yard Waste

COMPOST ON YOUR OWN PROPERTY

Call 652-3700 ext 255 for a list of local landscape contractors

MUNICIPAL CURBSIDE COLLECTION OF LEAVES: Fall

BRING TO: Galloway Road Leaf Compost Facility & Convenience Center

Wednesday through Saturday, 8AM to 2:30PM

Accepts: Leaves, grass clippings BRANCHES: 1st Friday & Saturday of each month

ATLANTIC COUNTY UTILITIES AUTHORITY (ACUA))

Transfer Station, 6700 Delilah Road, Pleasantville, NJ 272-6950

FACILITY HOURS: MONDAY - FRIDAY 7AM TO 4PM SATURDAY 7AM TO 12 PM

Household trash disposal: $67.50/ton

Bulky waste (non-recyclable) disposal: $88.91ton

Construction & Demolition waste: $88.91ton

Carpet (residential only) $50/ton

Tires: $1.60/tire (Passenger; 8 or less. Call for other prices.)

MINIMUM CHARGE PER LOAD: $8

Paint, motor oil, antifreeze, auto/boat batteries, compact fluorescent bulbs, chemicals, pesticides:

Household Hazardous Waste Collections by ACUA

7 times / year 9AM—2PM

Dates for 2015:

January 10th, March 7th, May 2nd, July 11th, September 12th, October 10th, November 7th

Atlantic County Utilities Authority 6700 Delilah Road, EHT

Compact fluorescent bulbs, cell phones, ink jet cartridges:

Galloway Office of Sustainability, Mon.-Fri. 8:30AM to 4:30PM

ELECTRONICS:

GOODWILL: 348-6973 BEST BUY 485-050O

Galloway Road Convenience Center: 1st Saturday of the month 8 AM-2 PM

Home Energy Audit

(A Global Warming Call to Action)

Making a few small changes in your home and yard can lead to big reductions of greenhouse gas emissions and save money. This manual will help you to identify the shortfalls in energy efficiency in your home and yard. The audit result will give a better understanding of how your home energy can be maximized and efficiently utilized.

You can follow the guidelines in this brochure, or go online to one of the many sites that offer inter-active audits, such as www.njcleanenergy.com or www.nature.org

Begin at home to make these changes and let others know not only of your monetary savings but of your commitment to the environment. *You CAN make a difference!*

Locate Air Leaks

The potential savings from reducing drafts in a home may range from 5 - 30% a year. Caulking and weatherstripping can save 1,700 pounds of carbon dioxide a year.

On the inside of your house, check: electrical outlets, switch plates, window and door frames, storm windows, baseboards, weather stripping, fireplace dampers, attic hatches, wall / window mount air conditioners and gaps around pipes and wires.

On the outside, check: exterior corners, siding/ chimney abutments, foundation and siding abutments, caulking around doors and windows, and storm door seals.

After locating air leaks, get out your caulk and start sealing. If you have found that a major source of loss is your doors and windows, consider replacing them with new, high-performance ones. If this is too costly, seal them the best that you can and put low cost plastic over windows and new weather stripping on doors. Insulating blinds, shutters, shades and draperies also help with air loss.

Planting a row of trees on the north and west side of the house can save heat by reducing wind chill and air infiltration.

Insulation

Heat loss through the ceiling and walls can be caused by inadequate insulation.

Properly insulating your home can save 25% of your home heating bill and 2,000 pounds of carbon dioxide a year.

Different types of insulation have different R-values, which tells us how much resistance to heat flow. The higher the R-value, the higher the efficiency of the material.

Places to inspect: The attic, the attic hatch, openings around pipes, ductwork and chimneys. Check for vapor barrier in the attic under the insulation. Some insulation comes with vapor barrier attached; with others it is installed separately. If there is none, consider painting interior ceilings with vapor barrier paint that will reduce the amount of moisture that can pass through the ceiling.

Checking a wall's insulation can be tricky and may be better performed by a professional inspector.

Basements: If your basement is unheated, check for insulation under the living area flooring. Water heaters, hot water pipes and furnace ducts should all be insulated.

A Partial List of Markets For:

Clothing / Furniture / Household Items

Thrift Shops:

South Shore Women's Ministries 652-0025/ 641-3357
Leeds Point Shoppes / Plaza 9 Shopping Center
Accepts: Clothing, Household Goods, Furniture
No pickup service

Salvation Army
650 N. Albany Avenue
Atlantic City, NJ 08401 347-9601
Accepts: Clothing, household goods, furniture
Call 215-483-3256 for collection of furniture in good condition

Kathleen's Closet (Community Food Bank of NJ/South)
MGM Mall, Egg Harbor Twp 241-7323
Accepts: Clothing, Household Goods, Furniture

Goodwill 348-8401/ 569-1112
3005 Atlantic Ave, Atlantic City, NJ
Accepts: Everything except major appliances.
No pickup service

RECIRCULATION
G-TV 652-3700 ext. 209
Advertises for good, used items that residents need

ARC of Atlantic Co. 241-9333
Tilton Shopping Center, Northfield
Accepts: Clothing, household goods, furniture

Additional Options: southjersey.craigslist.org
freecycle.org

Television & Electronics Repair

Logan's Electronics Repair 652-2064
Repairs all makes and models televisions
(no big screen TVs)

Atlantic Electronic Repair 641-6655
TV/Electronic repair
Consignment sales

Computer Repair

Computer House 652-3222

Mossman's Business Machines 652-0600

Computer/TV/Electronics Recycling

Best Buy 485-0500
Goodwill 348-8401

Galloway Road Convenience Center:
1st Saturday of the month 8AM-2PM

Appliance Repair

Jim's Appliance Service 965-1188
Services most major brands

Petrucci & Son 641-3033
Services major brands

Construction / Demolition Debris Recycling

B & J Recycling 652-2434
Accepts: Clean, untreated wood, trees, brush, stumps, brick, concrete, reinforced concrete, asphalt, stone, metal

A.E. Stone 641-2781
Asphalt, clean concrete, reinforced concrete

AJ Puggi 926-6991
Accepts: Wood, Stumps, Concrete

Scrap Iron & Metal

American Auto Salvage 965-2900
Scrap iron & metal, tires

Giordano's Vineland Scrap 856-696-2068
Scrap iron & metal

Partial Listing Only! See your phone book for complete list

Galloway Township is not endorsing the above businesses; only providing our residents with a few local names.

More Options for Waste Reduction & Reuse:

The following is a list of other items found around the home. Included are tips to keep some of them out of landfills.

Material	*Recyclable*	*Non-Recyclable*
BULKY ITEMS	METAL: Refrigerators, freezers, file cabinets, pots and pans, swing sets, etc.* Tires*	CAN BE REUSED: Sofas, chairs, tables, mattresses*
HAZARDOUS WASTE	MOTOR OIL– Can go to any full service gas station. (Call first—they may have limitations) Antifreeze, auto batteries, paint and motor oil can go to ACUA during HHW collections (see back cover for dates).	MUST BE HELD FOR HOUSEHOLD HAZARDOUS WASTE COLLECTION (See back cover for dates): Pesticides, lawn chemicals, bleach, insecticides, photographic chemicals, paint, antifreeze, etc.
YARD WASTE	COMPOST: Leaves, grass clippings, twigs, weeds, cow, sheep, chicken manures	Manure from meat eating animals: Dogs, cats. Limit the following: pine needles, bay laurel (acids contained therein could interfere with decomposition)
CONSTRUCTION DEBRIS	Concrete, brick, asphalt, tree stumps, unpainted, untreated wood, scrap iron and metal.* Tires*	Sheetrock, insulation, acoustic tiles, carpeting, padding, vinyl flooring, vinyl siding
ELECTRONICS	Computers, monitors, stereo equipment, televisions, VCRs, DVD players	TAKE FOR REPAIR: Vacuum cleaners, toaster ovens, sewing machines
CELL PHONES	All cellular devices—bring to the Municipal Complex or Community Services	Portable phones, standard phone
COMPACT FLUORESCENT BULBS	Can be taken to ACUA during Household Hazardous Waste collections (see back cover) or bring to the Community Services.	Regular Fluorescent bulbs must be disposed of at Household Hazardous Waste collections. ***See listings, next 2 pages**

Heating and Cooling Equipment

This equipment should be inspected annually. For forced air furnaces, check your filters and replace them as needed; usually every month or two. ***Cleaning a dirty air filter can save 350 pounds of carbon dioxide a year.***
Check your duct work for dirt streaks—these may indicate air leaks and should be sealed with duct mastic. Insulate any pipes that travel through unheated spaces. When it's time to replace your old equipment, choose a high efficiency model that is properly sized & installed. ***In the interim, move hour heater thermostat down two degrees in winter and up two degrees in summer and save 2000 lbs. of carbon dioxide and $98 a year.***

Lighting

Energy for lighting accounts for about 10% of your electric bill. If you replace your incandescent light bulbs with LEDs, you will see an 80% energy savings; the bulbs will last 25% longer and electric for 30 LED bulbs will cost only $32 per year. Thirty incandescent bulbs will cost $350 per year for electricity. Additionally, the LED bulbs will save 4,649 pounds per year in CO_2 emissions.

Appliances

Appliances really add up on your energy bill. A few tips:
For refrigerators: Keep the refrigerator & freezer at the recommended temperatures; don't open the doors unnecessarily; defrost regularly (if required); don't place in direct sunlight or near the stove.
For dishwashers: Scrape dishes and rinse with cold water before loading; avoid the pre-rinse cycle; run only full loads.
Washers & Dryers: Wash in cold or warm water; rinse in cold; run only full loads; keep dryer lint screens clean & check exhaust regularly; ***hang clothes outside.***
Water heater: Turn down the water temperature dial to 120 degrees F or less; insulate the outside of your water heater with an insulation blanket to reduce heat loss.

ENERGY STAR

When it is time to replace an appliance, make sure to buy ENERGY STAR units. ***If every household in the US replaced existing appliances with the most efficient models available, we'd eliminate 175 million tons of carbon dioxide emissions every year!***

Green Power

Green power is environmentally friendly electricity that is generated from renewable energy sources such as wind and solar. Go online at njcleanpower.com or check with Atlantic City Electric.

DRIVE LESS- *Walk, bike, take mass transit, carpool & combine errands.*

DRIVE SMART. *Keep your car tuned up and the tires properly inflated (this can save up to 250 lbs. of CO_2 per year).*

DRIVE A FUEL EFFICIENT CAR - *When you are in the market for a new car, consider a hybrid or at least a fuel efficient model*

REDUCE, REUSE, RECYCLE— *Follow the guideline in the second half of this brochure for tips.*

USE A PUSH OR ELECTRIC MOWER - *Gas mowers are one of the biggest polluters in the neighborhood.*

PLANT A TREE - *A single tree will absorb up to one ton of carbon dioxide over its lifetime. Shading your air conditioning unit with trees will reduce its energy usage by 10—15%*

LANDSCAPE WITH NATIVE PLANTS & REDUCE LAWN SIZE - *Not only will this require less water and help to protect valuable habitat, but the plants will store carbon during photosynthesis.*

BUY LOCAL PRODUCTS & FOOD - *The less distance that products travel, the less they pollute. Buy organic foods when available...most chemical fertilizers are derived from petroleum or natural gas.*

After you have separated the recyclables from the trash, take a long, hard look at the non-recyclable side. What do you see that possibly could have been avoided? Lets start with the top of the list and work down:

Paper plates, cups and towels- USE REUSABLES!

Hard-bound books– Donate to a thrift shop or library. Start a book exchange at work.

Plastic: Lighters and razors - USE REUSABLES! Collect Styrofoam "peanuts" as they come in and either reuse them yourself or take them to a mailing business.* Flower pots - several area nurseries will take these back. Durable plastic toys– pass them on to other children. They are recyclable through the rigid plastic program; but it is still better to REUSE them.

Plastic bags: Shoprite has bins for these. ***Using reusable cloth bags for shopping will eliminate a this waste. Most grocery stores are now selling them for $ .99 each.***

"Aluminum" pie plates: begin making a pile of bulky metal items such as old folding chairs, broken metal lamps, bicycles, etc. and add your pie plates to this. When you have a carload, bring them to our Galloway Rd. site where we have a bin for bulk metal items..

Are you starting to get the idea? Mainly, always be conscious about the amount of trash that you are creating. Think about how you could make changes that would cut down on this trash. REUSE WHATEVER YOU CAN! Some people have the attitude that if an item is recyclable, it doesn't matter how much of the item you use; however, even recycling uses energy and resources. *It is much smarter to not be wasteful.*

To begin your audit, do exactly what you normally do; except that, before trash day, you will strap on some rubber gloves and DIG IN! Take one weeks' worth of recyclables and trash and spread it out on a tarp or an old shower curtain liner. Next, separate all the components into piles; recyclable on one side and non-recyclable on the other:

Material	***Recyclable***	***Non-Recyclable***
PAPER, CARDBOARD	Newspaper, magazines, junk mail, paperbacks, cereal boxes, six pack cartons, corrugated cardboard Juice boxes, Milk cartons	Paper plates, towels, tissues, baby diapers, hard-bound books. * Paper towel and toilet paper tubes and paper egg cartons are not recyclable *but can be COMPOSTED.*
PLASTIC	Milk bottles, soda bottles, detergent bottles, jars, yogurt cups all plastics #s 1,2,3,4,5,6,7	Styrofoam, Lighters, razors, lids, utensils, plastic bags* (* The bags can be recycled through ShopRite.)
RIGID PLASTIC	Buckets, milk crates, laundry baskets, flower pots, toys & playhouses, CDs, DVDs/cases, VHS tapes	PVC pipe, Vinyl siding, plastic pesticide containers/drums, water hoses
CANS & BOTTLES	Glass bottles and jars (all colors), aluminum, steel, aerosol cans	Window glass, light bulbs, mirror glass, drinking glasses, ceramics, "aluminum" pie plates and foil
HOUSEHOLD BATTERIES	Rechargeable batteries	Alkaline batteries: Flashlight, hearing aid, radio, toy. *No longer contain mercury and are safe to dispose of in trash.*
CLOTHING, TEXTILES	Recyclable/Reusable by passing on to family & friends, through collection boxes (AmVets, Salvation Army) and thrift stores. Items that are too shabby to pass on can be used as rags.	Plastic shower curtains (Use for this waste audit!), fiberglass curtains, etc.
FOOD WASTE	COMPOST: Fruit & vegetable scraps, egg shells, breads, pastas, grains, coffee grounds, tea bags	Meat, fats, bones, fish, dairy products, cat litter

AND THIS IS JUST WHAT YOU MIGHT FIND IN EVERYDAY TRASH! Many more items will be addressed later in this brochure. Okay- now it's time to assess your findings. If your recyclables piles are equal to or larger than your non-recyclable piles—Bravo! However, if you have a lot more on the non-recyclable side, you should think about changing your ways!

Find Out More:

AN INCONVENIENT TRUTH (the movie) web site: www.climatecrisis.net

CARBON CALCULATOR: http://www.epa.gov/climatechange/ghgemissions/ind-calculator.html

US GREEN BUILDING COUNCIL GREEN HOME GUIDE: http://greenhomeguide.com/askapro/question/what-can-i-do-to-reduce-my-homes-carbon-footprint

EDF (ENVIRONMENTAL DEFENSE FUND): Learn about the dangers, the science and what you can do. Includes an emissions calculator to help determine your personal impact.
Find tips to fight global warming: http://fightglobalwarming.com/

THE NEW JERSEY CLEANPOWER CHOICE PROGRAM: A new, simple way for you to support clean, renewable sources of energy in New Jersey. To sign up visit: http://njcleanpower.com/

UNION OF CONCERNED SCIENTISTS web site: Common Sense on Climate Change: *Practical Solutions to Global Warming* http://www.ucsusa.org/global_warming/solutions/common-sense-on-climate-change-practical-solutions-to-global-warming.html

THE NATURE CONSERVANCY: http://www.nature.org/greenliving/carboncalculator/index.htm

Home Waste Audit

(A Revealing Look at Your Trash)

ONE BILLION TONS OF TRASH EACH DAY. ..UP TO FIVE POUNDS PER PERSON, PER DAY. This is how much we currently produce in the U.S. The amount of waste generated in the U.S. has doubled in the last fifty years.

Conducting a home waste audit means taking a close look at the type and amount of trash produced by your household on a daily/weekly/monthly basis.

In case you haven't heard, there is a tremendous shortage of landfill space in our state. Where to dispose of trash is becoming more and more of an issue. The more trash we produce, the faster our few landfills will fill up.

Diverting more waste from landfills through effective reduction, reuse and recycling* will slow the production of methane from the decomposition process. Additionally, trash disposal is costly...and a lot of that cost can be avoided if we all take certain measures to reduce that amount of trash we make.

**** You can save 2,400 lbs. of carbon dioxide per year by recycling just half of your household trash... more if you practice waste reduction and reuse!***