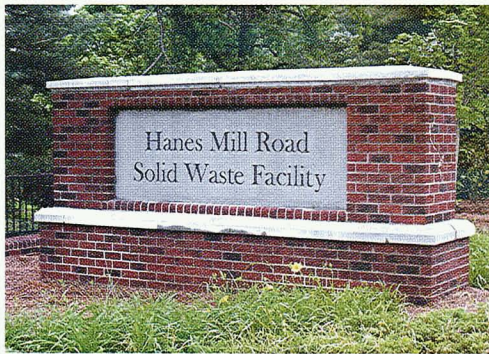


Solid Waste Management in Winston-Salem/Forsyth County

16682



Mission Statement

To provide an environmentally sound and economically acceptable means of solid waste disposal (excluding hazardous, infectious and radioactive wastes) for current and future wastes generated in Forsyth County.

The mission is being met daily through the efforts of the City/County Utilities Division under the direction of the City/County Utility Commission and other city waste management agencies. The goal is accomplished by an effort known as an integrated waste management plan.

Source Reduction

Recycling

Alternative Disposal Technologies

Landfilling

A fully integrated waste management plan is made up of different approaches available to manage solid waste. The elements are designed to be complementary and are listed and described below. They can be used in combination as necessary to meet a community's individual solid waste disposal needs.

For example, Winston-Salem/Forsyth County's integrated waste management plan includes three waste management technologies: source reduction, recycling, and landfilling. These three approaches form a safe and effective system for the proper disposal of our municipal waste. Alternative technologies such as waste combustion are not currently used to dispose of municipal waste, and there are no existing plans to use this approach. Waste combustion with energy recovery does, however, remain an alternative disposal option in the future.

The components of our integrated waste management system are discussed on the following pages.

Source Reduction

Source reduction is the preferred methodology for managing our solid waste because it reduces the amount of garbage we must manage. Businesses and households can practice source reduction by reusing products and materials and selective buying habits. The key, however, to successful source reduction is in altering our buying habits. For example, avoid buying products that are over-packaged and buy

products in containers that can be reused and are environmentally sound. These practices will eventually influence manufacturers and industries to alter their packaging standards.

The benefits of source reduction include:

- reducing the huge amounts of trash that must be disposed of annually, and
- reducing the toxicity of the garbage we throw away



Recycling

Recycling has become a popular approach to managing our solid waste. Recycling processes materials so that they can be used again. Recyclable materials not only include the more common items like glass, aluminum and newspaper, but materials like food and yard waste used to make compost.

Recycling is an important part of an integrated waste management plan because it prevents potentially useful materials from being landfilled or combusted. Recycling can prevent depletion of valuable landfill space, save energy and natural resources and even generate revenue.

Recycling is a three step process: collection, manufacturing, and purchasing (close the loop). The recycling loop is completed when you buy recycled products.

● *Recycle Today Curbside Programs*

The Recycle Today Program is administered through the Sanitation Division of the Public Works Department and funded by the City/ County Utility Commission. Weekly recycling is provided to single-family residences, multi-family units, and small businesses.

The following materials are collected: aluminum beverage cans, steel food and beverage cans, glass jars and bottles (clear, brown, and green), #1 and #2 plastic bottles, newspaper, junk mail and office paper, magazines, telephone books, chipboard (cereal/cracker boxes, etc.), and corrugated cardboard. The materials are collected by a private contractor

City/County Utilities Administration	727-8418
Hanes Mill Road Landfill	661-4900
Old Salisbury Road C&D Landfill	650-7659
Overdale Yardwaste Facility	784-1615
City of Winston-Salem	
Sanitation Administration	748-3080
City Curbside Recycling	723-2784
City Curbside Recycling Administration	727-8153
City Curbside Collection	
(leaves & yard debris)	727-2638
Dead Animal Pickup	727-2638
Garbage Collection	727-2638
Keep Winston-Salem Beautiful	727-8013
Forsyth County Environmental Health	
(County Garbage Collection)	727-8060
Yardwaste Collection	727-2638



= recyclable materials.



= should be saved for a community-wide collection day or be taken to a licensed hazardous waste contractor.

Waste Items	Alternative Disposal Method
Whole loads of construction demolition being hauled in vehicles larger than one-half (1/2) ton	Permitted facility such as the Old Salisbury Road Construction & Demolition Landfill (OSR)
Yardwaste	Permitted facility such as the Overdale Yardwaste Facility
Chemicals, liquid or powder, or chemical residue	Permitted facility such as 3RC - The EnviroStation
Fluorescent tubes	Permitted facility such as 3RC - The EnviroStation
Petroleum products or waste containing petroleum products	Permitted facility such as 3RC - The EnviroStation
Logs, stumps and tree limbs over six (6) inches in diameter and/or six (6) feet in length	Permitted facility such as the Overdale Yardwaste Facility or OSR
Blocks of large reinforced concrete, large rocks, etc.	Break into smaller pieces and take to permitted facility such as OSR
Discarded house trailers	Demolish, then take to permitted facility such as OSR
Batteries	Permitted facility such as 3RC - The EnviroStation
Barrels or drums not sufficiently perforated (one end removed and opposite end punctured with a minimum of eight (8) one inch holes, or both ends removed)	Return to vendor
Asbestos	Permitted facility
Waste Oil	Permitted facility such as 3RC - The EnviroStation

***Old Salisbury Road Construction & Demolition Landfill,
3336 Old Salisbury Road, 650-7659***

Accepts construction and demolition debris (i.e. bricks, mortar, roofing materials, etc.)

Size: 140 acres

Opened: 1996

Life Expectancy: 2015

Annual tonnage: 100,000±

Funding Source: Tipping Fees

Hours of Operation: M-F, 7:00 am - 5:00 pm

Sat, 8:00 am - 4:00 pm

Closed Sundays and Holidays

Rates (effective 07/01/04)

Rate per ton \$26.00/ton

Flat rate:

1. Cargo vehicles (unaltered bed, 1/2 ton max.)
\$10.00 deposit / \$5.00 min.
2. Single-axle trailers (8 feet or less and 3'5 high)
\$10.00 deposit / \$5.00 min.
3. Automobiles, mini-vans, station wagons, SUVs
\$2.00

Selected Prohibited Wastes:

Auto body parts, yard waste, aluminum cans, used motor oil, lead acid batteries, normal household garbage, industrial waste.

***Overdale Yard Waste Facility,
1001 Old Milwaukee Lane, 784-1615***

This facility is operated through a contract with a private vendor to recycle all wood waste. Accepts all untreated wood wastes, yard waste and pallets.

Opened: 1972

Life Expectancy: Indefinite

Annual amt. Processed: 25,000 tons

Funding Source: Tipping Fees

Hours of Operation: M-F, 7:00 am - 5:00 pm

Sat, 8:00 am - 4:00 pm

Closed Sundays and Holidays

Rates (effective 07/01/04)

Rate per ton \$22.00/ton

● *Recycling Drop-Off Centers*

Winston-Salem

Hanes Mill Road Solid Waste Facility

325 Hanes Mill Road

661-4900

Mon. – Fri., 7:00 a.m. – 5:00 p.m.

Sat., 8:00 a.m. – 4:00 p.m.

Kernersville

445 Lindsay Street

723-2784

Tue-Sat., 8:00 a.m. – 5:00 p.m.

Pfafftown

6328 Yadkinville Rd

723-2784

Tue-Sat., 8:00 a.m. – 5:00 p.m.

All drop-off recycling centers, except Cardboard Drop-off Sites, accept the following materials: aluminum beverage cans, steel food and beverage cans, glass jars and bottles (clear, brown, and green), #1 and #2 plastic bottles, newspaper, junk mail and office paper, magazines, telephone books, chipboard (cereal/cracker boxes, etc.), and corrugated cardboard. In addition, tires can be recycled at the Hanes Mill Road Solid Waste Facility only.

Landfilling

Because the large majority of waste is not diverted from disposal, landfills become the most critical part of the County's waste management. Without the use of landfills, the costs for waste management would be significantly higher. In the past, landfills were considered "dumps" because there was no priority placed on protection of the environment and nuisance factors. But today, landfills are constructed and operated so that the environment is protected and nuisances are minimized.

Since the goal is to provide for a cost effective waste management program, it is crucial that landfills remain a part of this program. Winston-Salem/Forsyth County is fortunate to have adequate landfill space. Existing disposal capacity will provide Forsyth County residents and businesses with landfill space for many years to come. For more information on Winston-Salem/Forsyth County's landfills, refer to the information listed below.

● *Free Disposal*

All residents of the City of Winston-Salem can receive two free passes per year for disposal of waste at the Hanes Mill

and transported to a Materials Recovery Facility where they are processed, baled, and marketed. For more information, call the Recycling Hotline at 72-EARTH (723-2784).

● *Single Family Homes*

Single-family homes are provided with recycling bins (two per household maximum). For bin requests, missed collections, collection schedule, or general information, call 72-EARTH.

● *Apartments and other Multi-Family Units*

Apartments, condominiums, town homes, and mobile home parks that use bulk containers for garbage collection are provided with carts. For more information, call 727-8153.

● *Business/Commercial Recycling*

Weekly collection is provided to small businesses that receive once-a-week hand collection of garbage. Businesses are provided with either two bins or two carts. For more information, call 727-8153.

● *School Recycling*

Students, teachers and staff of the Winston-Salem/Forsyth County School System are all able to participate in a comprehensive recycling program sponsored by the City/County Utility Commission. The Commission has funded this program since 2002 at which time it was implemented throughout the entire school district. The program includes cardboard, office paper and beverage container recycling. If you or anyone in your family attends any of the schools in the Winston-Salem/Forsyth County School System, please remember to participate in this convenient and successful recycling program. *For more information: 727-8418*

● *Cardboard Recycling*

Corrugated cardboard may be recycled through curbside recycling or dropped off at a recycling center.

● *Cardboard Drop-Off Sites (Selected Fire Stations)*

Clean, flattened cardboard may be deposited into containers at these Fire Stations:

- 100 Arbor Rd.
- 2995 N. Liberty St.
- 4685 Ogburn Avenue
- 2417 Reynolda Rd.
- 4700 Country Club Rd.
- 651 N. Marshall St.
- 771 Palmer Lane
- 2745 Waughtown St.
- 290 Martin Luther King Jr. Dr.

For more information, call 727-8153

Flat rate:

1. Cargo vehicles (pick-ups with unaltered bed - 1/2 ton max., full-size vans) \$10 deposit / \$5.00 min.
2. Single-axle trailers (8 feet or less and 3'5 high) \$10.00 deposit / \$5.00 min.
3. Automobiles, mini-vans, station wagons, SUVs \$2.00

Selected Prohibited Wastes:

Land clearing debris, household waste, all types of garbage, leaves.

Special Events and Programs

• Keep Winston-Salem Beautiful

Keep Winston-Salem Beautiful, Inc.

(KWSB) is a non-profit volunteer organization whose mission is to

enhance the appearance of the City through clean-up events, beautification projects and educational activities. As part of the mission, KWSB is dedicated to improving the management of solid waste in our community through clean-up activities, litter prevention and education. KWSB is a certified member of the national organization - Keep America Beautiful.



Examples of KWSB programs include:

- ***Great Winston-Salem Cleanup***
- ***Big Sweep***
- ***Adopt-A-Street or Highway***
- ***Clean & Green Campus Contest***
- ***Community Roots Day***
- ***Flower Bulb Blitz and Bulb Distribution***
- ***Flower Bed Program***
- ***Adopt-A-Bed Program***
- ***Community Education***

Road Solid Waste Facility, Old Salisbury Road C&D Landfill or the Overdale Yardwaste Facility. To obtain free passes, call 661-4900 or apply online at www.cityofws.org/utilities/solid.html and click on “Residential Landfill Permit Application” and register each year.

● *Household Hazardous Waste*

Contracted to 3RC -The EnviroStation

1401 S. Martin Luther King Jr. Drive

The City/County Utility Commission contracts with a household hazardous waste company to provide free disposal of household hazardous waste (HHW). Forsyth County residents may bring their HHW to 3RC - The EnviroStation, free of charge. The following wastes are accepted: metal polish, oven cleaners, rug shampoos, bug sprays, rat bait, pesticides, gasoline, fuel oil, antifreeze, brake fluid, car batteries, glues, strippers, thinners, solvents, batteries, unmixed photographic materials or other poisonous, ignitable, corrosive products, motor oil and paints, cyanide waste and fluorescent light bulbs. 3RC - The EnviroStation does not accept explosives, ammunition or radioactive waste.

Hours of Operation: Tuesday - Friday, 9:00 am - 2:00 pm

Saturday, 9 am - Noon

Closed on Mondays, Sundays and certain Holidays

For more information call: 784-4300

● *White Goods*

White goods - refrigerators, stoves, freezers, air conditioning units, etc. cannot be disposed of in a landfill. Winston-Salem/Forsyth County is fortunate to have a facility located at the Hanes Mill Landfill where white goods can be brought free of charge for recycling.

● *Tires*

Whole tires cannot be landfilled and are handled separately at the Hanes Mill Road Solid Waste Facility. Forsyth County residents can bring up to five tires per year, free of charge to the Hanes Mill Road Facility. All other waste tires not authorized under the State program will be charged at \$64.00/ton. Property owners with more than five tires per year may qualify for a clean-up through the State program. Before these tires can be brought to the landfill, the resident must be authorized.

For more information call: 727-8418.

City/County Utilities Division Facilities

Hanes Mill Road Solid Waste Facility,

325 Hanes Mill Road, 661-4900

Accepts municipal solid waste, normal residential, industrial/commercial waste.

Size: 487 acres

Opened: 1972

Life Expectancy: 2020±

Annual tonnage: 275,000±

Funding Source: Tipping Fees

Hours of Operation: M-F, 7:00 am - 5:00 pm

Sat, 8:00 am - 4:00 pm

Closed Sundays and Thanksgiving day and Christmas day

Operating hours on other Holidays 7:00 am - 3:00 pm

Rates (effective 07/01/04)

General Usage Rate per ton \$33.00/ton

Special Rate (by agreement) \$27.00/ton

Flat rate:

1. Cargo vehicles (pick-ups with unaltered bed - 1/2 ton max., full-size vans) \$10 deposit / \$7.00 min.
2. Single-axle trailers (8 feet or less and 3'5 high) \$10.00 deposit / \$7.00 min.
3. Automobiles, mini-vans, station wagons, SUVs \$5.00

Selected Prohibited Wastes:

Construction & Demolition waste in vehicles greater than 1/2 ton pickup, auto body parts, yard waste, aluminum cans, used motor oil, lead acid batteries.

Reynolds Park Road Leaf Composting Facility,

2450 Reynolds Park Road

Located behind Reynolds Park Community & Recreation Center. Leaves collected by city crews are recycled through a natural organic process into compost that is made available to the City of Winston-Salem and citizens at no charge.

Opened: 2000

Average amt. processed: 40,000 cubic yards

Life Expectancy: Indefinite

Funding Source: Enterprise Fund

Hours of Operation: Not open to the public except for leaf mulch distribution. Leaf mulch distribution occurs semi-annually.

Call 727-8418 for specific dates and times.