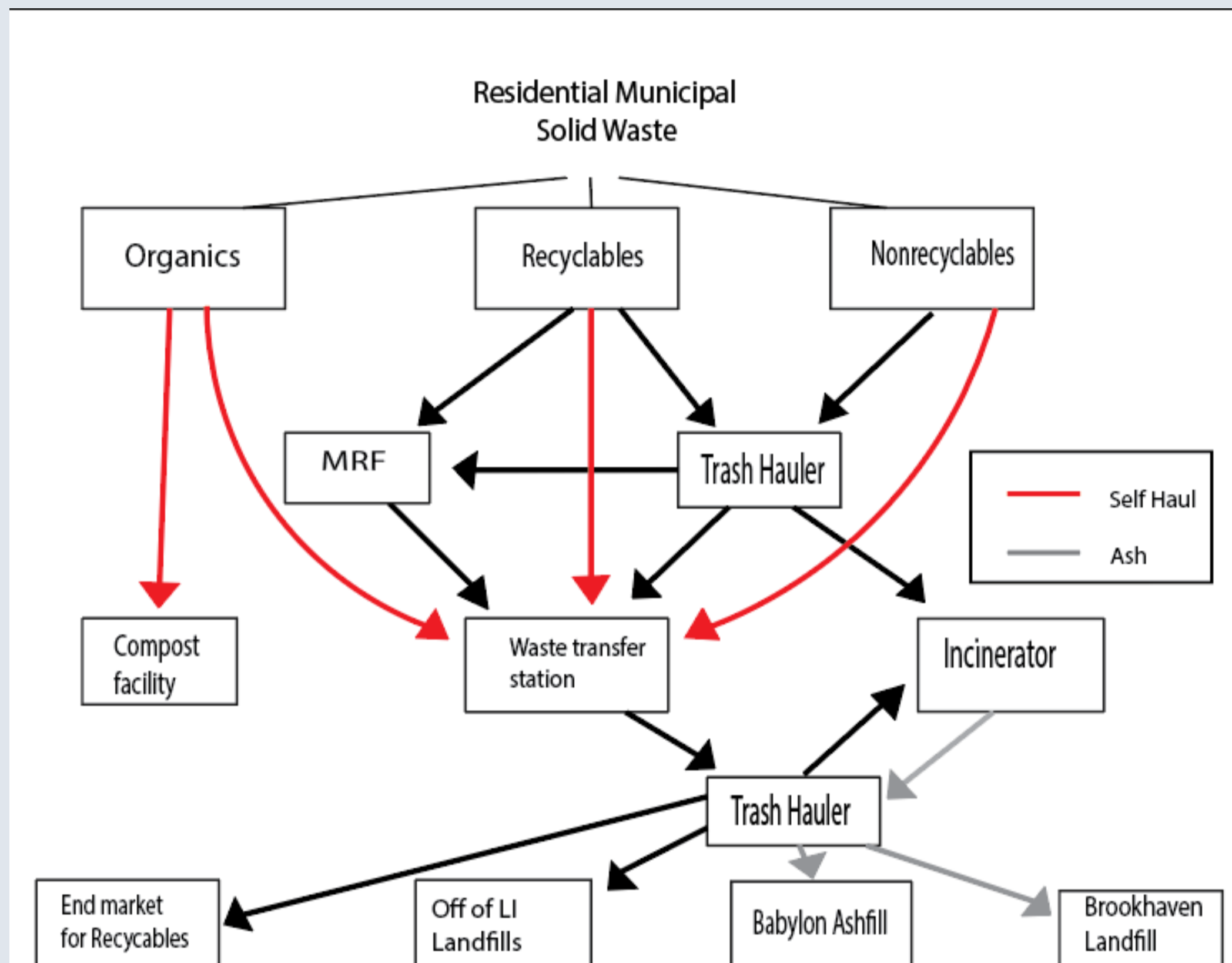


Long Island Residential Municipal Solid Waste Flows

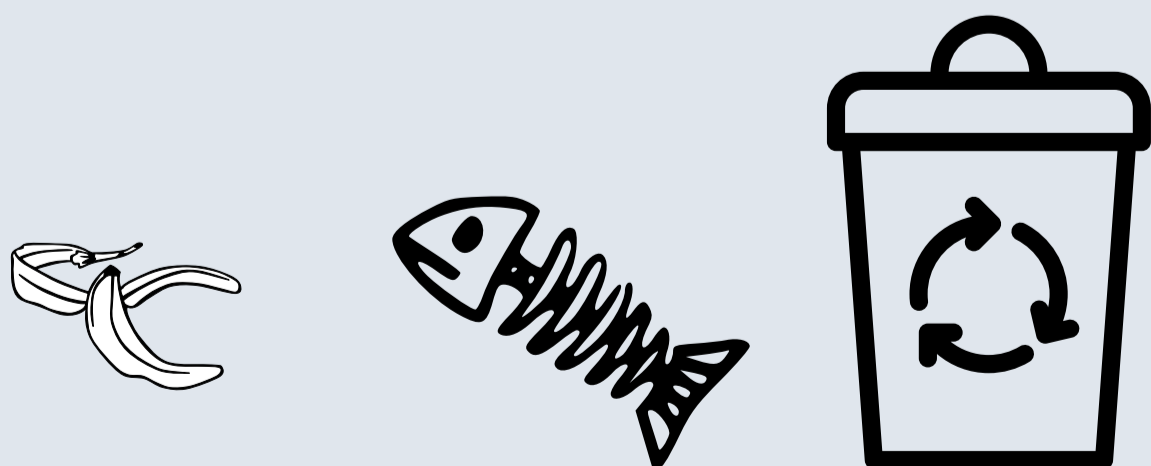


Types of Waste

Organic - any material that is biodegradable and comes from either a plant or an animal.

Recyclable- paper, plastic and some glass

Nonrecyclable- any waste that cannot be composted or recycled



Waste Facilities

Trash hauler - Company contracted to collect and dispose of refuse.

Self haul - A resident is responsible for bringing their own waste to the appropriate facility.

MRF- Material Recovery Facility- a recycling center that sorts recyclables.

Waste Transfer Station- a facility that receives waste and prepares it for transport.

Composting Facility- a facility that receives organic waste.

Incinerator- a facility that receives waste and burns it to generate electricity.

Landfill- a site that receives waste and buries it.

End Market for Recyclables- a facility that receives recyclable waste.

How much?

1,774,971.60 tons	Incinerators
353,424.68 tons	Landfills
54,932 tons	Ashfill
1,020,462.89 tons	Off Long Island landfills
216,429.76 tons	Recycling

Total = 3,420,220.93 tons



No organized food waste collection

Food and other organic waste are not collected by trash haulers, residents must take their food scraps to compost sites nearest to them.

Most folks put their food waste in with the their nonrecyclables.



Off Long Island Landfills

Apex Environmental Landfill, OH
Seneca Meadows Landfill, NY
WM High Acres Landfill, NY
Tullytown Landfill, PA
Fairless Hills Landfill, PA
Waste MGT Landfill, OH
Waste MGT, VA
BFI Brunswick Waste, VA
BFI Carbon Limestone Landfill, OH
BFI King & Queens Landfill, VA
Greentree Landfill, PA
WM American Landfill, OH
WM Atlantic Waste Disposal, VA
Keystone Sanitary Landfill, PA
Conestoga Landfill, PA
Waverly Landfill, VA
Commonwealth Environmental Systems, PA
Hyland Landfill, NY
Lunenburg, VA
WM Alliance Landfill, PA
WM Charles City Landfill, VA
Allied Waste Landfill, VA

What can be done?

By going through each town's waste plan, it is possible to determine that all household organic waste for all fifteen towns is self haul. For ten towns, recycling and non-recyclables are collected curbside via trash haulers, or companies contracted by towns to collect waste. For five towns, all waste is self haul where residents could hire a private trash hauler or take waste to the appropriate facility themselves. For three of those five towns, a pay as you throw (PAYT) program is in effect.

Knowing the amount of waste going to and from facilities could be seen as a regional waste audit. From this chart and from annual reports, we can tell how much is being recycled and what it takes for waste to reach its final destination. Each town should create a waste flow chart to some degree to examine their own waste practices and adjust their plan and policies from there. Understanding each town's plans could identify weaknesses and strengths in their current state and make adjustments accordingly.

Waste plans for Long Island Towns

Town/City	Organic	Recyclables	Nonrecyclables	Recycling plans
Glen Cove	Self haul	Curbside	Curbside	Single stream- Aluminum, tin, cardboard, paper, aerosol cans, plastics #1-#7
Long Beach	Self haul	Curbside	Curbside	Dual stream/ alternating cycle- Tin & aluminum, plastics #1-#7, glass, cardboard, and paper
Hempstead	Self haul	Curbside	Curbside	Single stream- Glass, all metals, all 'rigid' plastic, paper cardboard
N. Hempstead	Self haul	Curbside	Curbside	Single stream- Glass, all metals, paper, cardboard plastics #1, 2, 4, 5, & 6
Oyster Bay	Self haul	Curbside	Curbside	Single stream- All metals, paper, glass (not curbside), plastic
Babylon	Self haul	Curbside	Curbside	Dual stream/alternating cycle- Metal cans, cardboard, paper, plastics #1-#7
Huntington	Self haul	Curbside	Curbside	Dual stream/alternating cycle- Paper, cardboard, glass, all metal plastics #1-#7
Islip	Self haul	Curbside	Curbside	Dual stream/alternating cycle- Plastics #1 & #2, tin & beverage cans glass, cardboard, paper
Smithtown	Self haul	Curbside	Curbside	Dual stream/alternating cycle- All metals, cardboard, glass (not curbside), paper, plastics #1-#7, aerosol cans, waxed cartons
Brookhaven	Self haul	Curbside	Curbside	Dual stream/alternating cycle- Carboard, glass (not curbside), paper all metals, plastic containers #1-#7, and aerosol cans
Southampton	Self haul	Self haul	Self haul	Tin, aluminum, aluminum foil, plastics #1 & #2 glass, paper, and cardboard
Riverhead	Self haul	Curbside	Curbside	Dual stream/alternating cycle- Tin, aluminum, glass, plastics #1-#7 paper, and cardboard
East Hampton	Self haul	Self haul	Self haul	Tin, aluminum, paper, cardboard plastics #1 and #2, batteries, glass, and clothing
Shelter Island	Self haul	Self haul	Self haul	Tin, aluminum, steel, paper, cardboard plastics #1-#7, batteries, glass, and clothing
Southold	Self haul	Self haul	Self haul	Tin, aluminum, steel, paper, cardboard, waxed cartons, rigid plastics, aerosol cans plastics containers, batteries, and glass containers

Sources

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This graphic was prepared by Gabrielle Houston for the Global Alliance for Incinerator Alternatives (GAIA). The data and analysis in this graphic are accurate to the best of my knowledge.