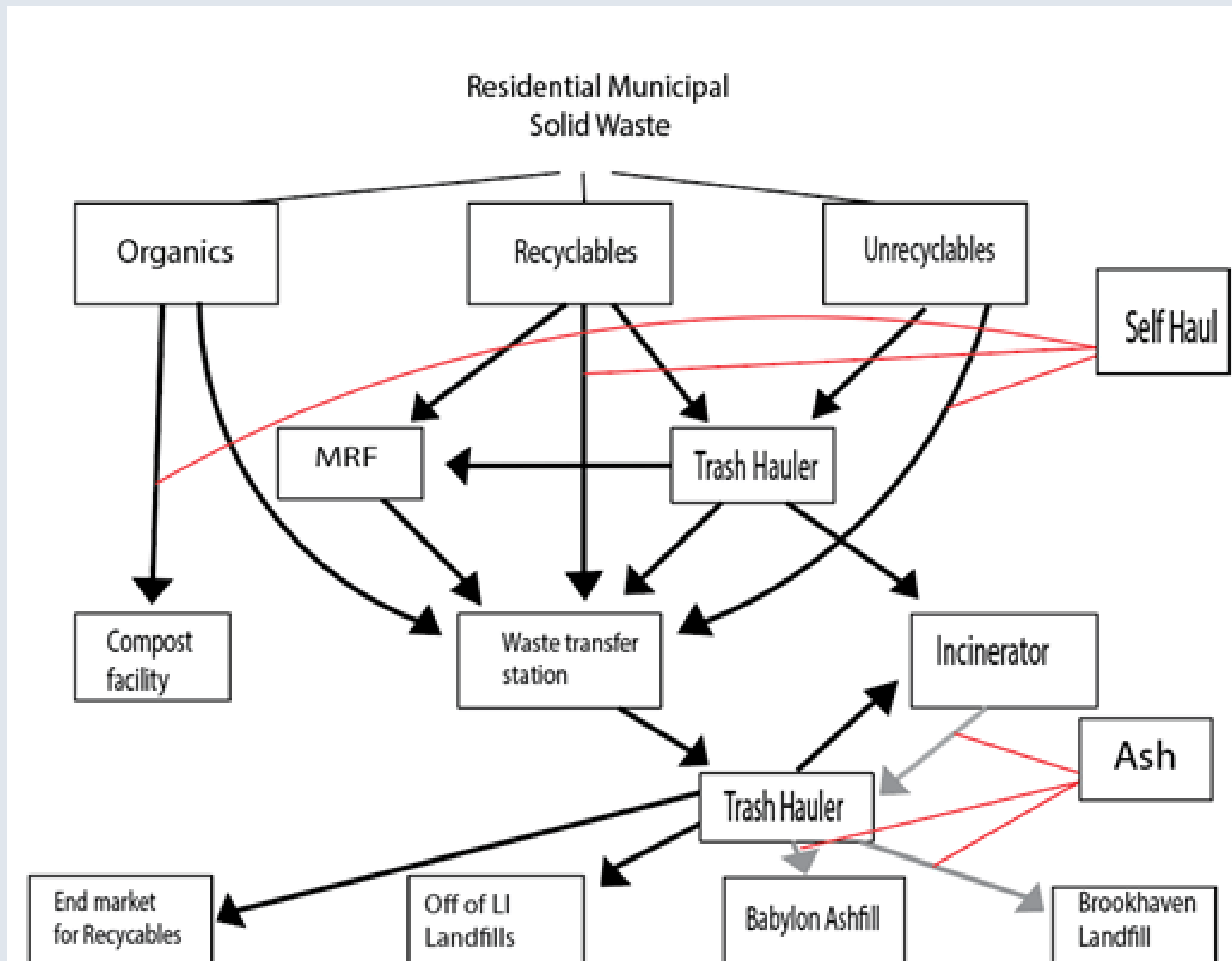


# Long Island Waste Flows

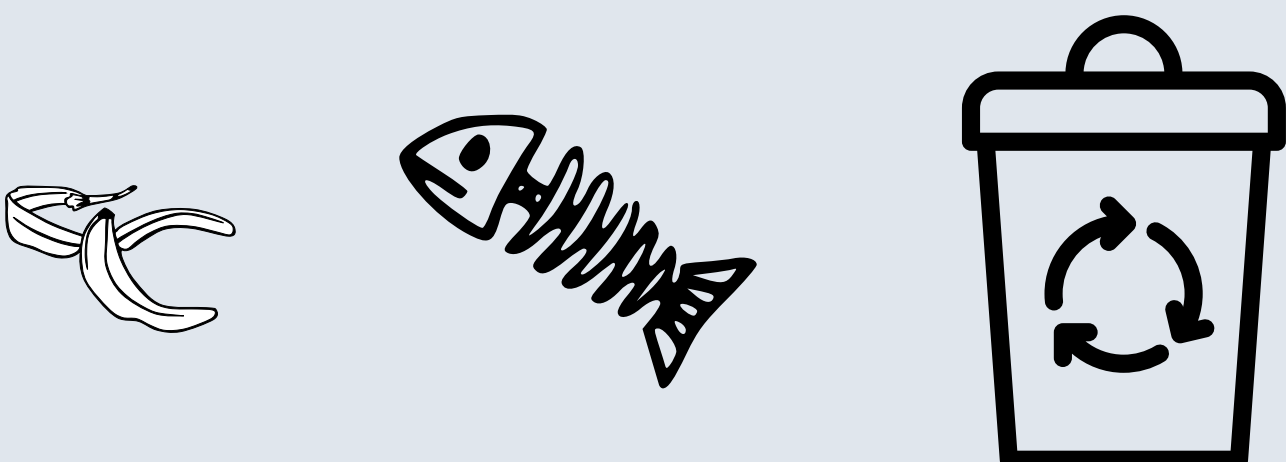


## Types of Waste

- 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
- 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

353,424.68 tons

54,932 tons

1,020,462.89

216,429.76  
tons

Incinerators

Landfills

Ashfill

Off Long Island landfills

Recycling



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 trash.



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



# Waste plans for Long Island Towns

| Town/City      | Organic   | Recyclables | Nonrecyclables |
|----------------|-----------|-------------|----------------|
| Glen Cove      | Self haul | Curbside    | Curbside       |
| Long Beach     | Self haul | Curbside    | Curbside       |
| Hempstead      | Self haul | Curbside    | Curbside       |
| N. Hempstead   | Self haul | Curbside    | Curbside       |
| Oyster Bay     | Self haul | Curbside    | Curbside       |
| Babylon        | Self haul | Curbside    | Curbside       |
| Huntington     | Self haul | Curbside    | Curbside       |
| Islip          | Self haul | Curbside    | Curbside       |
| Smithtown      | Self haul | Curbside    | Curbside       |
| Brookhaven     | Self haul | Curbside    | Curbside       |
| Southampton    | Self haul | Self haul   | Self haul      |
| Riverhead      | Self haul | Curbside    | Curbside       |
| East Hampton   | Self haul | Self haul   | Self haul      |
| Shelter Island | Self haul | Self haul   | Self haul      |
| Southold       | Self haul | Self haul   | Self haul      |

# Recycling plans for Long Island Towns

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



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.

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## Sources

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