

TOWN OF SOUTHAMPTON

SOLID WASTE MANAGEMENT PLAN
(SWMP) COMPLIANCE REPORT

LOCAL SWMP:
WASTE MANAGEMENT PLAN ADOPTED BY TOWN OF SOUTHAMPTON
FEBRARY 12, 2019,

APPROVED BY NYS DEPARTMENT OF ENVIRONMENTAL
CONSERVATION ON MAY 29, 2019

Planning Unit:
TOWN OF SOUTHAMPTON, NEW YORK

Reporting Period:
January 1, 2021 to December 31, 2022

Report Prepared
May 1, 2023

TABLE OF CONTENTS

1.0 Cover.....1

2.0 Table of Contents2

3.0 Executive Summary.....3

4.1 Planning Unit Description.....5

4.2 Local Solid Waste Management Plan Status and Accomplishments.....5

4.3 Resources.....13

4.4 Implementation Schedule.....15

4.5 Solid Waste and Recyclables Inventories.....16

4.6 Waste Information20

APPENDICES

Appendix A: 2021 & 2022 Annual Recycling Information & Comparison to NYSDEC MSW CCAP Model

Appendix B: Status on Implementation Schedule

3.0 Executive Summary

The Town of Southampton (Town) has prepared this Biennial Update for the Local Solid Waste Management Plan (SWMP) in accordance with 6 NYCRR Section 366-5.1. This Report contains information pertaining to the period of January 1, 2021 through December 31, 2022

The Town's solid waste management program maintains substantial compliance with the 2019 TOS Adopted/DEC Approved SWMP. The Town maintains its "pay-as-you-throw" bag system for the self hauler residents in the Town. The program is supplemented by a free disposal program for recyclables, which supports waste reduction and encourages recycling within the Town. During the 2021-2022 year, due to global market change in recycling, and regional issues with Transportation regulations changed, the Town experienced a substantial cost increase in recycling of comingled containers, paper, cardboard, construction and demolition debris and municipal solid wastes. In March of 2020, the COVID-19 pandemic also caused widespread regional changes in population counts with an influx of residents that were once seasonal in addition to new residents moving to more suburban areas due to fears of the pandemic. This has resulted in an increase of recyclables of up to 30%, while MSW has had a less of an increase, identifying that people are using the transfer station for recycling without the use of the green bag. This led to discussions of requiring a residential transfer station user fee to offset costs, which resulted in code modification to Chapter 205 to allow a fee, however at this time, the Town has not adopted this fee. Since the 30% recyclables increase in 2020, 2021 and 2022 data has shown that rates are steadily declining back to pre-pandemic levels. Although recyclable rates are more closely matching MSW rates, the Town still intends to implement the transfer station fee during the 2023-2024 period.

The Town operates four (4) resident drop-off facilities and three (3) yard waste compost sites. The facilities and compost sites are registered and/or permitted with the NYSDEC. The Town provides no transfer or disposal facilities for the private waste haulers who serve a portion of the residential and commercial waste generators within the Planning Unit. In 2021 and 2022 the Town continued the permitting and tracking of commercial

carters of Municipal Solid Waste, Recyclables and Construction and Demolition Debris to include the permit and track of land clearing debris, yard waste, hazardous waste, waste oil, cooking oil, commercial food waste and bio solids and sanitary wastes.

The Town will continue to encourage waste reduction and recycling and otherwise comply with the intent of the 2019 SWMP, subject to the milestone revisions and other minor deviations discussed in this SWMP compliance report. The Town's current waste management practices, and Sustainability efforts continue to foster sound waste disposal habits among its residents through economically feasible and environmentally sound methods. The Town continues to work with adjacent municipalities, County and State to maintain efficient and innovative practices on Solid Waste Management.

4.1 Planning Unit Description

a) Member municipalities in the Planning Unit

The Town of Southampton (Town) is the governmental body primarily responsible for the planning unit. The Planning Unit consists of the unincorporated areas of the Town and the following incorporated villages:

1. Village of Southampton
2. Village of Quogue
3. Village of Westhampton Dunes
4. Village of Westhampton Beach
5. Village of North Haven
6. Village of Sag Harbor
7. Village of Sagaponack

b) Former member municipalities

There have been no deletions from the Planning Unit during the reporting period.

c) Planning Unit demographics

The Town is located on the south fork of Long Island in Suffolk County. The Town, with an area of 296 square miles, has a rural, agricultural and summer recreational setting. As of the 2020 census, the annual full time population was 69,036. The summer seasonal population is estimated to increase to 180,000. The total land area of Southampton is 138.9 square miles, resulting in a 2020 full-time population density of 497 persons per square mile. For estimating purposes, based on the 2020 census, the weighted average of the full-time population and summer populations which estimates a 2020 year-round population equivalent of 96,777 persons (an increase of 8,479 persons since the 2015 census).

4.2 SWMP Status and Accomplishments

a) Milestones achieved during the reporting period

The Town continues to provide the following services for the residents of the Planning Unit:

1. Receipt and disposal of residential, source-separated, self-hauled solid waste via a “pay-as-you-throw” bag system at four Town operated drop-off facilities in North Sea, Sag Harbor, Hampton Bays and Westhampton;
2. Management of recyclable materials generated by self-haulers through an Intermunicipal Agreement with the Town of Islip for the receipt and processing of commingled containers;
3. Management of yard waste generated by the Town Highway Department, landscapers and self-haulers at three (3) Town facilities;
4. Schedules three (3) STOP Day events each for the 2021 and 2022 year.
5. Continuous e-waste collection at North Sea and Hampton Bays facility.
6. Continue to accept and recycle thin film plastics generated by self-haulers with an agreement with our Paper/Cardboard Vendor. The weights of this recycling are not clear to separate as a recycling stream as they are not weighed separately.
7. Continue to accept and recycle clothing thru donation boxes at each of the four Transfer facilities. There was a dramatic reduction in the quantity of cloth donation in 2020 due to the COVID-19 Pandemic, as many of the not for profit vendors stopped pick-ups. Trends for the 2021-2022 reporting period show that clothing donations are back near pre-pandemic levels.
8. Continue to accept and recycle waste oil generated by residential self-haulers at each of the four (4) Transfer facilities.

During the reporting period the following accomplishments were achieved:

1. Two (2) impermeable yard waste pads were constructed at the Hampton Bays site in order to comply with the yard waste recycling permits obtained during the 2020-2021 period.
2. Implement the permitting and tracking of private carters in 2021 and 2022.
3. The Town continued implementation of Quiet Communities goals, by requiring all Town facilities maintained with electric landscape equipment excluding matters of public safety. This has significantly cut down on wastes

including petro-chemicals associated with fueling and lubricating oils, as well as the containers used to store them.

4. Amendment to Town Code Chapter 107 to ban the sale and distribution of lighter than air gas filled balloons as well as prohibiting the intentional release of balloons. This legislation will help to reduce the wasting of natural resources (helium), litter in our communities, waterway pollution, etc.

b) Waste reduction and recyclables (WRR) program elements

b.1) Current WRR program

The Town “pay-as-you-throw” bag system operates in conjunction with a no-disposal fee for most recyclable materials. Thus, residential self-haulers realize the economic advantages of reducing waste and maximizing recycling. In the past few years, the Town has observed more patrons using the recycling centers that do not participate in the “pay-as-you-throw” system.

The Town accepted the following recyclable materials at its residential drop-off facilities:

Mixed Paper	Corrugated Cardboard
Waste Oil	Bulk Metal
Propane Tanks	Clothing
Tires	Commingled Containers
Freon Containing Appliances	Yard Waste
Electronics Waste	

Vehicle batteries are taken at STOP days only, or encouraged to be taken back to the vendor for core deposits.

The Town uses regional processors and handlers of recovered materials to manage and dispose of source-separated, collected materials. The

business arrangements with these processors and handlers are both contractual and spot. The Town transports most of the recovered materials to the processors and handlers. Some of the processors and handlers collect the materials at the Town sites or provide transportation, including processors and handlers of waste oil, clothing, compost materials, propane tanks and tires.

Market pricing has been somewhat volatile over the reporting period. Increase in disposal prices have been noted across the board, due to NYSDOT travel regulations, the China limitations on contamination, the decline of the pulp recycling commodity costs and decline of available vendors to take material. While paper and cardboard recycling were once profitable for the Town, in 2019, a marked decline rose, to the Town now paying for paper recycling, and sometimes cardboard recycling into 2020. In 2021, paper was once again profitable for the Town, illustrating just how volatile recyclable prices really are.

Due to the recent closure of several regional yard waste facilities, increase volume has been noted at the Town Yardwaste Facilities. Due to staff limitations on processing, the Town has waived the fees for purchasing both screened and unscreened compost to empty the sites, ahead of the reconstruction in accordance with the new DEC permitted improvements. The Town has also increased the fee for incoming yard waste to slow the inflow. Due to the COVID-19 pandemic that began in March 2020, the Town has seen increased population and seasonal population that has become more full time residents bringing in more volume of yard waste.

In 2022, the Town Highway Department discontinued the leaf voucher program, which provided disposal vouchers to residents who could give them to their landscaper of choice to dispose of spring and fall yard waste at the Town transfer stations for free. Waste Management would then bill

back the Highway Department for the quantity of yard waste associated with each voucher. As a result of the discontinuation of this program, the 2022 year saw a marked decline (-23%) in yard waste disposed of at the transfer stations. This trend is expected to continue unless a new Highway Superintendent reinstates the voucher program.

The Intermunicipal Agreement with the Town of Brookhaven saw a dramatic cost increase for C&D which went from \$90/ton to \$150/ton to dispose of the material in September of 2022. During contract negotiations the Town ceased hauling material to Brookhaven (this is evident in the C&D chart in appendix B) and in November we resumed hauling to Brookhaven (at \$150/ton) while we worked out a bid for C&D with private contractors in order to reduce the overall cost.

The types of waste handled by the Town are summarized on Table 1 below.

Table 1
Types of Waste Handled by the Town of Southampton

Category	Components	Destination	Processors Used During Reporting Period
Mixed Solid Waste	Regular non-recyclable household garbage	Landfill	◆Paumanok Environmental
Bulk Items	Non-recyclable household rubbish, such as furniture and appliances, excluding white goods	Landfill	◆ Paumanok Environmental
Construction and Demolition debris (collected from small volume generators only)	Waste materials generated through residential building construction, demolition, repair and renovation projects	C&D Processor	◆Town of Brookhaven
Waste Tires	Used tires and rims	Waste tire processor	◆S&M Tire Recycling

Category	Components	Destination	Processors Used During Reporting Period
Corrugated Cardboard	Corrugated cardboard containers and brown paper bags	Corrugated Cardboard processor	♦Great Northern Fiber
Mixed paper	Newspapers, magazines, junk mail, high grade office paper, school paper, telephone directories, etc.	Paper processor	♦Great Northern Fiber
Commingled Containers	Bi-metal and aluminum cans, glass food and beverage containers, PETE and HDPE plastic food and beverage containers	Commingle processor	♦Town of Islip
Scrap Metal	White goods and scrap metal	Scrap metal processor	♦Gershow Recycling
Household Hazardous Waste	Toxic materials as generated through regular household uses, such as paints and thinners, pesticides, drain cleaners, and other heavy-duty chemicals intended for household use.	Legally permitted household hazardous waste processor	♦MXI
Waste Oil	Used motor oil	Waste Oil Processor	♦Long Island Waste Oil Inc. & AB Environmental
Used Clothing	Usable clothing materials	Charity Box	♦Society of St. Vincent dePaul ♦Big Brothers/Big Sisters ♦Breast Cancer Help ♦Salvation army (WH only)
Leaf and Yard Waste	Leaves and brush	Offered as compost and mulch material to local residents and contractors	♦Town personnel

Category	Components	Destination	Processors Used During Reporting Period
Electronics Waste	CRTs, televisions, computers and other discarded electronics	e-waste recycler	◆EcoTech
Propane tanks	Empty, used propane tanks	Propane supplier	◆Starlite

b.2) Waste reduction and recycling education program

The “pay-as-you-throw” green bag system is a constant reminder and education tool to residents in the Planning Unit that there is a direct disposal cost to the amount of waste they generate. Free disposal of recyclables encourages and teaches source separation within households.

Due to evolving global waste management issues, stemming from China’s crackdown on contamination in recycling, costs of recycling have increased. The Town has observed increases in costs to dispose of comingled containers, paper, cardboard, construction and demolition debris as well as municipal solid wastes. The Town is also experiencing a greater portion of the patrons using the Transfer Station for recycling only which has contributed to the operating deficit of the Transfer Station. In preparing the 2021 operational budget, the Town moved forward with a Code Chapter 205 amendment to allow the Town to require a permit pass to access the Town Transfer Stations. As of 2023 the Town has not yet determined an appropriate fee, but will initiate an intensive education and outreach effort to inform residents of this change, as well as the other recycling initiatives and waste reduction methods.

The Town has worked with both the State and County over the past two years, on education measures pertaining to recycling and waste reduction. Increased efforts towards social media campaigns, as well as Town commercials on Transfer Station policies and etiquette during a pandemic

have been somewhat effective. The Town includes these educational material on its websites, and on its SeaTV Public TV Station.

c) Implementation obstacles

The Town has been affected by the COVID-19 pandemic that began in the beginning of 2020. During this time, the Town declared Waste Management as an essential service so that there was no interruption of service. During the onset of the pandemic, many seasonal residents from the tristate region relocated to their homes or rentals within the Town of Southampton, increasing business to the Transfer Stations by upwards of 30%. This has caused conflict between patrons not willing to adhere to new safety protocols of social distancing and mask wearing. Coupled with several staff illnesses, and/or exposures maintain the Transfer Stations and operations has been challenging. Town wide operations have been altered now and again, essentially, there was a 50% decrease in staff at Town Hall, where some staff work remote from home, and others are on standby at home, to reduce potential spread among Town staff. During the Pandemic Town Administrative, services were cut to 50% at sometimes to reduce occupancy of Town Facility to reduce the spread of COVID-19. This caused significant delays in contracts administration including but not limited to improvements the Town Yardwaste Facilities. Please find the attached updated Implementation plan for the revised plan to achieve goals by 2026.

d) Exceptional or unique program aspects

A significant Town program, as cited above, is the “pay-as-you-throw” bag system. The Town uses the revenues generated by the sale of the bags in an Enterprise Fund account to try to achieve economic self sufficiency. Funds from the sale of recyclables and associated disposal and transportation costs are also included in the Enterprise Fund. The Town increased the cost of the green bags, as well as the items paid for over the scale for a fee, to cover the increasing costs of disposal and operations.

The Town has implemented several waste reduction code amendments to reduce overall wastes associated with single use items such as plastic straws, single use bags, plastic stirrers, and expanded polystyrene containers. In 2021, the Town amended Code Chapter 107 (Balloons) to include the prohibition of balloons filled with gases that are lighter than air, and prohibits any entity from organizing the intentional release of any balloon. The Town continues to increase efforts to use electric powered lawn maintenance equipment, and looks to affect change in the use of gas powered leaf blowers.

4.3 Resources

a) Funding and staffing levels

The Division of Waste Management is a unit of the Department of Municipal Work. The Division has its own capital and operating cost centers in the Town Budget. The operational account code has been set up as an Enterprise Account.

Budget year	Revenue	Expenses	Property Tax Supplement (Included in Revenue)
2021	\$3,291,320	\$2,913,320	\$570,455
2022	\$2,814,781	\$3,037,043	\$376,800

The staffing level for the Division, as of December 2022, is twenty-five (25) including management, administrative and operating personnel, which represents an increase over the last reporting period. This number is supplemented by two (2) part time sanitation helpers, and two (2) administrative staff that have been cross trained to assist in the permit and tracking program.

b) Changes in funding mechanism and management structure

The Town has amended code Chapter 205 in the end of 2020 to allow the Town to assess an annual user fee to use the Town Transfer Stations; this revenue would offset the anticipated shortfall from recyclable revenues. The sources of funding are disposal fees, permit and track revenues, revenues from sale of recovered materials and ad valorem taxes. The annual user fee was not implemented for the

2021/2022 reporting period. The Town is looking into additional future potential revenue offsets from Solar potential on Waste Management sites.

c) Recommendations for State and Federal actions

Both the State and County have initiated Recycling education and outreach efforts over the reporting period that have included distribution and dissemination to the local planning units. The overall message is to recycle right and reduce overall wastes. This information is shared throughout the local planning units. In addition, the State had initiated a Long Island Solid Waste Leadership Council in 2018 to tackle key issues facing our island community in regards to transportation, recycling issues, yard waste, ash, and loss of local facilities. This was a forum of key stake holders who both administrate local planning units and contractors that serve as local waste processors. As a result, there was an influx of funding to educational institutions to evaluate alternative methods of recycling, re-use, and processing of wastes. In 2020, this transitioned to be a group under the Long Island Regional Planning Council. Shortly thereafter the pandemic hit, and there has been no recent meetings of this organization. The Town of Brookhaven had originally planned to develop a new ash/C&D landfill at its municipal site, and more recently decided that it was not in its best interest to do so, leaving a large void for local disposal of ash and C&D. This was reflected in Brookhaven's decision to raise their C&D price at the end of 2022.

In January of 2021, Bill No. 1185 was introduced into the Senate for consideration which would establish extended producer responsibility (EPR) for covered materials including containers and packaging for items with a storage life of less than 5 years, paper products and single use plastics. The Town is supportive of this act, which would require manufacturers to take more responsibility of the wastes associated with their product packaging.

Recommendations for the State and Federal actions include investigation of regional reduction technologies and incentives for their use such as gasification,

pyrolysis. Consideration for the allowance for more waste and/or recyclable waste to energy options to reduce the transportation of waste off of Long Island which appears to be a major stumbling block.

4.4 Implementation Schedule

As part of the adopted LSWMP the Town has a multi-year implementation plan divided into the following sub parts.

- Town Operational
- Town Capital
- Emergency Debris Management
- Local regulations
- Hauler Licensing and Data Management
- Reduce and reuse
- Public Education & Involvement
- Organics Management
- Special Wastes
- Local Government and Partnerships
- Education Sector
- Commercial/Institutional Sector
- Reports

The Town has been making progress on its implementation schedule as can be seen in Appendix C. The pandemic, COVID-19, has had a great effect on the implementation schedule, as the Town was not able to hold many educations and outreach events in the 2021 and 2022 years. In addition, while it was the intention to investigate enhancing hours of operation, due to financial constraints due to cost to dispose of materials increases this was not considered. Furthermore, hours were shortened by 30 minutes due to the restructuring of the labor contract with the CSEA Union, resulting in a 7.5-hour work day for all Waste Management Staff.

The Town provides residents with Household Hazardous Waste disposal opportunities by hosting Stop Throwing Out Pollutant (STOP) Days. Three (3) STOP days were held in 2021 and 2022 respectively. The Town also hosts an annual cleanup event, generally scheduled around Earth Day Celebrations. The Great East End Cleanup (GEECU) is available to town residents and volunteer groups. The program includes, volunteers identifying public owned lands (parks, beaches, road edges) to remove trash from, they register thru the Town and the Town provides bags, pickers, and passes to the Transfer Stations.

The Town continues to track the progress of American Organic Energy to ascertain when the facility will be operational for food waste recycling. This will allow the Town to enter into agreement to offer service to Town residents through the Town Transfer Stations. As of the end of 2022, AOE has begun construction and is expected to be completed in 2023.

The Town will need to continue to develop a program to divert construction and demolition (C&D) waste materials from landfills, including guidelines and procedures for assessing projects salvaged materials prior to demolition.

The Town will begin reaching out to the Commercial and Institutional Sectors to ascertain waste generation and potential ways to reduce waste, and/or recycle more efficiently.

Please find the attached updated Implementation plan for the revised plan to achieve goals by 2026.

4.5 Solid Waste and Recyclables Inventories

a) Data collection methods

All data presented relative to waste or materials moved are the result of scale data, either a Town truck scale or certified scales at handler/ processor facilities for

material recorded as being transported thru the Town Transfer Facilities. The exceptions are: waste oil, clothing, and compost material. Gallons of waste oil are converted to tonnage (285.71 gallons/Ton). Clothing donations are weighed at the North Sea and the average weight, is applied to the number of containers at the other locations to approximate weights. Compost material is sold by the cubic yard and converted to tonnage (1,400lb/CY). Bulk leaves and brush are measured by the cubic yard upon intake and converted to tonnage (350lb/cy for leaves and 300lb/cy for brush). The data presented from private carters, are based on best guestimates of volume and quantity based on their assessment of customer base within the Town of Southampton. Please note, many local carters travel routes that are within multiple jurisdictions making estimating waste required. Carters have various messaging of recycling to their customers, but most of the recycling sorting done on wastes picked up by private carters occurs at the private transfer station they are contracted with, leaving the Town reported values of recycling less than accurate.

b) Sources of solid waste and recyclables data

The sources of collected waste and recyclables data are:

1. Town truck scale facility at the North Sea facility
2. Scales at the following receiving facilities:
 - a. Paumanok Environmental Transfer Stations
 - b. Gershow Recycling Facility
 - c. Islip Town MRF
 - d. Great Northern Fibers Facility.
3. Waste oil as invoiced by Long Island Waste Oil & AB Environmental
4. Permit and Track Data from Private Carters and Commercial Business that haul waste within the Town of Southampton

c) Destinations for solid waste outside of the Planning Unit

The Town of Southampton issues competitive bids for potential contracts for paid disposal services for wastes such as comingled containers, municipal solids

wastes, construction and demolition debris, metal, paper and cardboard. Depending on what is received in terms of bids, the Town will further investigate potential inter-municipal agreements with adjacent municipalities to obtain the best pricing for disposal and revenue generating recyclables. In the 2021- 2022 reporting year, wastes were taken to the following facilities at the following pricing.

Material	Vendor	Transfer To	Expense /Revenue
Cardboard	Great Northern Fiber (GNF)	GNF@ 77 Field St., West Babylon, NY 11704	Expense / Revenue No Cost
Construction and Demolition Debris	Town of Brookhaven	350 Horseblock Road, Brookhaven, NY 11738	Expense 1/21-09/22 \$90/Ton 09/22-12/22 \$150/Ton
Comingled Containers	Islip Resource Recovery Agency	401 Main Street, Islip, NY	Expense \$60/Ton
Metal	Gershow Recycling	71 Peconic Ave., Medford, NY 11763	Revenue 2019 & 2020 \$66.49/ton for White Goods with refrigerant \$100.83/ton for mixed metal
Municipal Solid Waste (MSW)	Paumanok Environmental	88 Old Dock Road, Yaphank, NY 11980	Expense 2021 - \$91.45/ton in January, July \$92.93/ton to July 2022 then \$96.64/ton
Waste Oil	LI Waste Oil & AB Environmental	25 Vineyard Way, Mt. Sinai, NY 1599 Ocean Ave, Bohemia, NY 11716	Expense LI 1/21-3/22- \$0.75/Gallon AB 3/22-12/22 \$0.98/gallon

Mixed Paper	Great Northern Fiber	77 Field St., West Babylon, NY 11704	No Fee
E-Waste	Eco Tech Management	938 Lincoln, Ave., Holbrook NY	No Fee

d) Destinations for recyclables outside of the Planning Unit

Compost material and waste oil are managed within the Planning Unit. The other recovered materials are received by the following handlers/ processors outside the Planning Unit:

Paper/Corrugated;	Great Northern Fibers, LLC, West Babylon
Bulk Metal/Batteries	Gershow Recycling, Medford
Waste tires	S&M Tire Recycling
Propane tanks	Starlite, Bay Shore
Commingled containers	Town of Islip
Clothing	Four not-for-profit organizations, Suffolk County
e-waste	EcoTech

The Town has no direct involvement or knowledge regarding subsequent markets pursued by these independent handlers/processors.

e) Actual Data vs. Deviations

The LSWMP adopted by the Town and approved by the NYSDEC included projections of population, solid waste and recyclable data that was generated within the Town. Part 366-5.1(b)(1)(ii) requires actual waste generation, recycling and disposal data and comparisons with and reasons for deviations from projections. It is difficult at best to estimate the equivalent year round population for the Town of Southampton as it has a year round population that was currently projected based on the DEC model as 59,000 for 2021/2022. The Town’s seasonal population more than triples during the June –August timeframe

providing for a year round population closer to 89,000. In 2021 and 2022, many of the seasonal residents became year round residents due to the pandemic. The permit and tracking of private carters also indicates a much higher value of generated MSW than the model presented, most likely attributable to the difference in the equivalent full time population adjusted for the seasonality. Where the MSW generation projection for 2021 was 51,706T, and 2022 was projected to be 51,124T, the actual information from both the private carters and the Town Transfer Stations is 98,074T for 2021, and 63,761T for 2022. While the population and waste generation increase were likely due in large part due to COVID-19 (20-50% increase in certain Transfer Station materials), the Town will continue to increase efforts to obtain accurate Carter permit information to determine actual MSW generation and continue to forecast generation rates and population estimates going forward for the next 2 years. It would appear that the decrease in disposal of MSW during the 2022 year is indicative of the population of Southampton trending towards a return to pre-pandemic levels. Lastly, the NYS Model only accounts for 9.02% organics as vegetative waste. The Town of Southampton's numbers far exceed 9%. Please find the attached Waste and Diversion Projections as per the NYS Model.

Year	DEC Model Population	TOS Estimated Population	DEC Waste Generation	TOS Waste Generation
2021	59,434	89,576	51,706	98,074
2022	59,660	89,745	51,124	63,761

4.6 Waste Information

The Town files annual waste reports on volumes that are received at each of the four Transfer Stations with the NYSDEC.

All of the local regulated/permitted Transfer Stations on Long Island are required to submit these same reports to the NYSDEC, indicating where the material came from on Long Island and where it is going. Some of this information is redundant to the DEC as one Transfer

Station, likely transfers to at least one other Transfer Station on Long Island prior to ultimate processing or further transfer off Long Island and out of New York State.

For the current reporting years of 2021-2022 the Town has put together the following table, comparing the theoretical waste CCAP Model with actual figures of waste receipt and transfer by both the Town and the Private Carters. The Town placed greater resources in 2021 and 2022 to reach out to more of the private sector contractors/haulers to obtain information on waste pickup within the Town boundaries, and continue to do so moving forward. Please note, that there are differences between the percentage recycling based on the above referenced narrative. The generation rates are variable based on population which the Town has struggled with accurate figures. When the original SWMP was developed we were advised to utilize the census data projection of an annual population of approximately 59,434 for 2021 and 59,660 for 2022. In actuality, this data is not accurate as the Town has a dramatic increase of population estimated to be 180,000 in the seasonal months of June – August (pre pandemic). During the pandemic, the population increased dramatically making population projections difficult at best. In 2021 there was an increase enrollment from local schools due to COVID-19 and an influx of residents to their secondary homes. The 2021 population projection was based on an estimate increase to 180,000 for a 3-month period. From the data, it is also seen that since we are tracking private industry, the C&D and vegetative organic waste numbers are incredibly high due to the residential home construction industry that has had an uptick in recent years. In addition, 2021 should be considered as an outlier of a year due to the COVID-19 pandemic, which changed how people viewed recycling due to fear of virus spread.

Year	Total Recyclables (tons) - not incl organic yard waste	Total Non-Recyclables (ton)	Total Waste (TOS + Carter) (ton)	SWMP Projected Population	SWMP MSW Generation Projection	TOS Projected Population	SWMP Generation Rate (lb./person/Day)	TOS Generation Rate based on SWMP Population (lb./person/Day)	TOS Generation Rate based on TOS Projected Population (lb./person/Day)- based on seasonal flux
2021	11,082	86,992	98,074	59,434	51,706	89,576	4.77	9.04	6.00
2022	14,974	48,787	63,761	59,660	51,124	89,745	4.70	5.86	3.89

As the Town becomes more proficient in the Permit and Tracking of private carters, the data collection will become more accurate. In addition, as many of the local carters pick up the waste in one vehicle, in which the separation of the recyclables occurs at the destination Transfer Station the values of the recycled content are not accurately presented within the numbers provided by the private contractors. As the permitting and tracking of private waste haulers is relatively new to the Town, there is a lack of control of accurate information that may be presented as part of this program. So while the Town feels that the recycling rate amongst users of the Town Transfer Stations is above average, when compared to the data presented by private carters, it is diminished due to carter comingling recyclables within conveyance trucks to the destination transfer / disposal site they are using. However, it should be noted that the data for 2021 and 2022 appears to be vastly improved over the data collected in 2019 and 2020 due to the amount of carters registered in the program.

Please find the attached 2021-2026 Waste and Diversion Projections attached to this report.

APPENDIX A

**2021 & 2022 ANNUAL RECYCLING INFORMATION FOR
TOS TRANSFER STATIONS.**

NS – North Sea Transfer Station (1370 Majors Path, Southampton)

HB – Hampton Bays Transfer Station (30 Jackson Ave., Hampton Bays)

SH – Sag Harbor Transfer Station (1404 Bridgehampton Sag Harbor Turnpike, Sag Harbor)

WH – Westhampton Transfer Station (66 Old Country Rd., Westhampton)

Private Carter

& Comparison to NYSDEC MSW CCAP Model

Material Datasheets

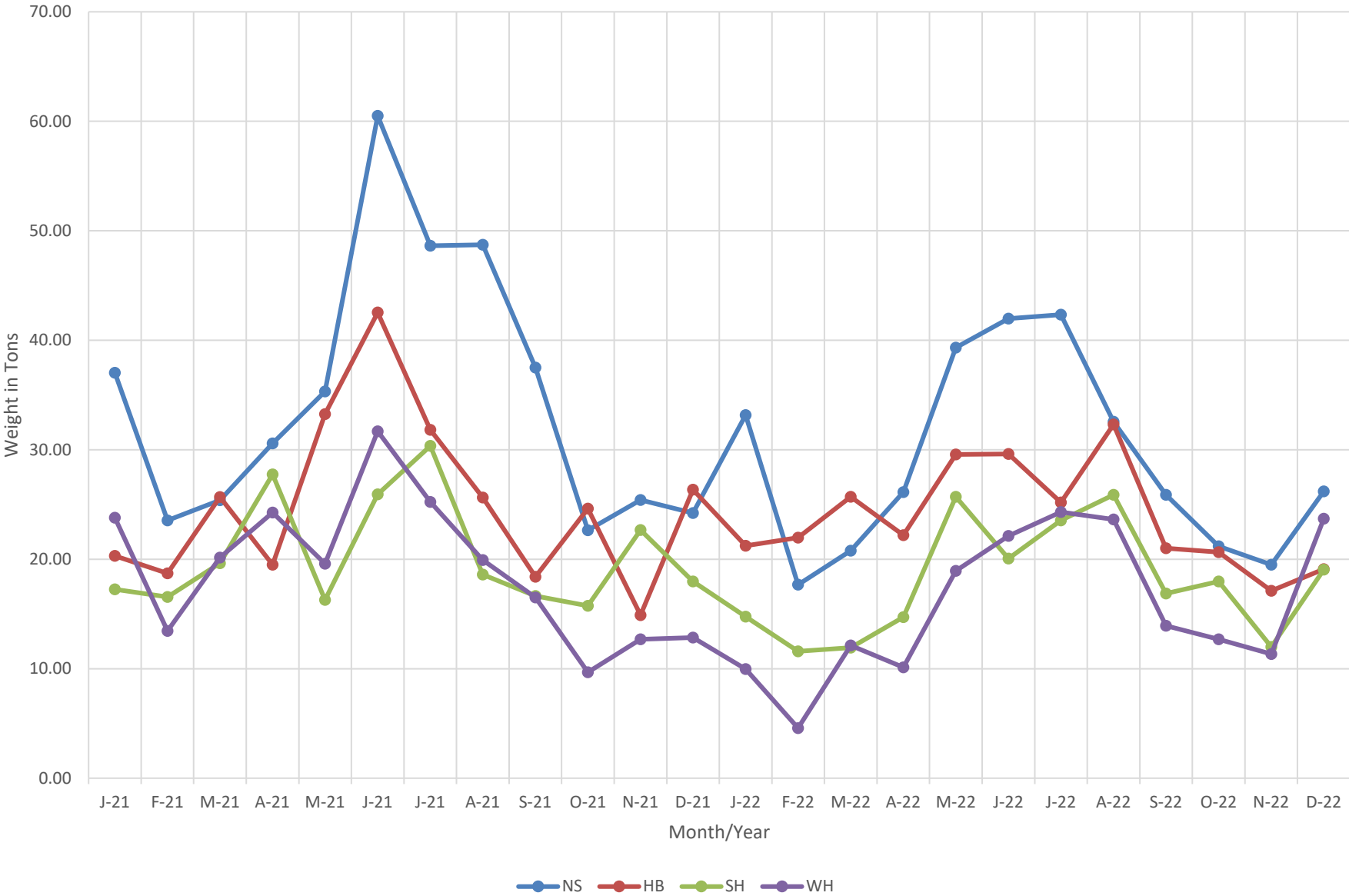
2021 2022 Town TS Cardboard

	NS	HB	SH	WH		Vendor
J-21	37.04	20.31	17.24	23.80		Great Northern Fiber (GNF)
F-21	23.54	18.72	16.56	13.46		GNF
M-21	25.39	25.67	19.64	20.14		GNF
A-21	30.58	19.50	27.75	24.27		GNF
M-21	35.32	33.26	16.29	19.58		GNF
J-21	60.50	42.53	25.93	31.69		GNF
J-21	48.63	31.81	30.35	25.24		GNF
A-21	48.72	25.64	18.59	19.93		GNF
S-21	37.51	18.39	16.65	16.52		GNF
O-21	22.64	24.63	15.74	9.68		GNF
N-21	25.41	14.90	22.67	12.69	2021 Total	GNF
D-21	24.22	26.35	17.97	12.85	1,196.44	GNF
J-22	33.17	21.23	14.76	9.97		GNF
F-22	17.67	21.97	11.59	4.58		GNF
M-22	20.77	25.70	11.92	12.12		GNF
A-22	26.12	22.19	14.71	10.12		GNF
M-22	39.33	29.56	25.71	18.94		GNF
J-22	41.97	29.62	20.06	22.12		GNF
J-22	42.33	25.19	23.54	24.31		GNF
A-22	32.55	32.31	25.88	23.63		GNF
S-22	25.88	21.00	16.87	13.92		GNF
O-22	21.18	20.65	17.96	12.69		GNF
N-22	19.49	17.11	11.99	11.33	2022 Total	GNF
D-22	26.20	19.09	19.05	23.71	1033.76	GNF
						2021-2022 -14% Decrease

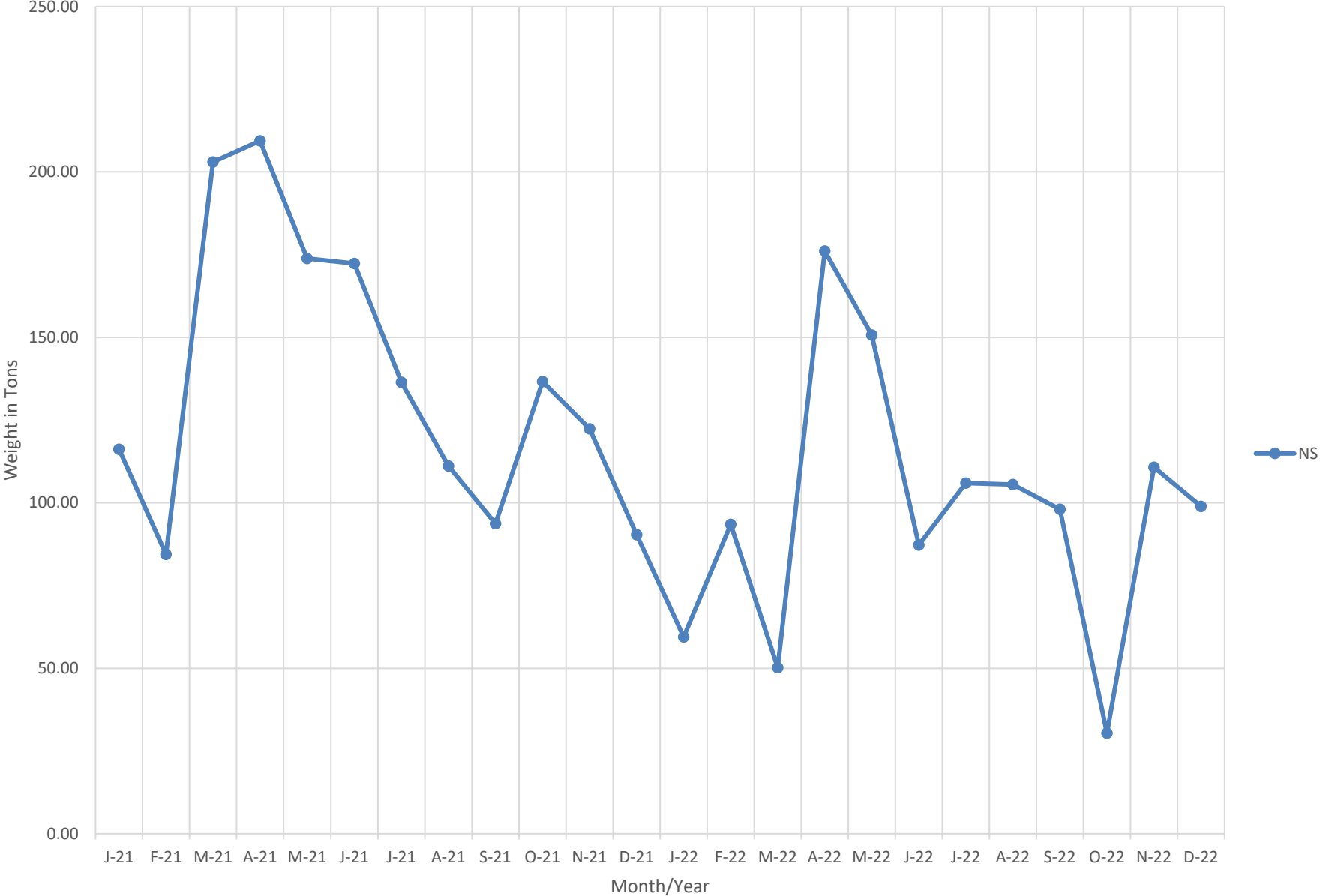
2021 2022 Town TS Construction and Demolition

	NS			Vendor
J-21	116.20			Town of Brookhaven (TOB)
F-21	84.43			TOB
M-21	203.02			TOB
A-21	209.39			TOB
M-21	173.83			TOB
J-21	172.32			TOB
J-21	136.43			TOB
A-21	111.10			TOB
S-21	93.73			TOB
O-21	136.62			TOB
N-21	122.34			TOB
D-21	90.34			TOB
J-22	59.49			TOB
F-22	93.46			TOB
M-22	50.19			TOB
A-22	176.07			TOB
M-22	150.68			TOB
J-22	87.28			TOB
J-22	105.96	2021 Totals		TOB
A-22	105.53	NS		TOB
S-22	98.06	1649.75		TOB
O-22	30.40	2022 Totals		TOB
N-22	110.77	NS		TOB
D-22	98.92	1,166.81	-29% Decrease	TOB

Corrugated Cardboard 2021-2022



Construction and Demolition Debris 2021-2022



2021 2022 Town TS Comingled Containers

	NS	HB	SH	WH
J-21	33.93	28.86	38.78	14.97
F-21	23.00	24.94	20.06	20.25
M-21	26.81	27.51	28.98	17.79
A-21	36.76	24.51	23.41	18.24
M-21	30.41	29.30	27.20	16.33
J-21	27.90	36.11	40.60	39.43
J-21	47.33	48.76	41.20	33.05
A-21	45.30	39.00	40.16	26.06
S-21	28.83	34.11	30.61	23.19
O-21	28.99	24.96	16.27	16.94
N-21	29.17	29.84	30.55	16.55
D-21	25.04	13.21	15.18	19.61
J-22	31.66	26.38	24.00	13.18
F-22	17.88	19.38	7.48	14.76
M-22	32.83	11.38	24.50	11.67
A-22	19.12	33.69	13.83	11.67
M-22	29.49	35.87	20.16	17.86
J-22	31.81	32.90	33.64	19.05
J-22	43.44	36.54	35.19	29.77
A-22	48.58	37.03	31.36	24.71
S-22	33.53	32.87	31.83	25.15
O-22	9.80	21.98	18.17	15.18
N-22	0.00	26.56	12.60	17.65
D-22	37.87	19.09	15.14	13.28

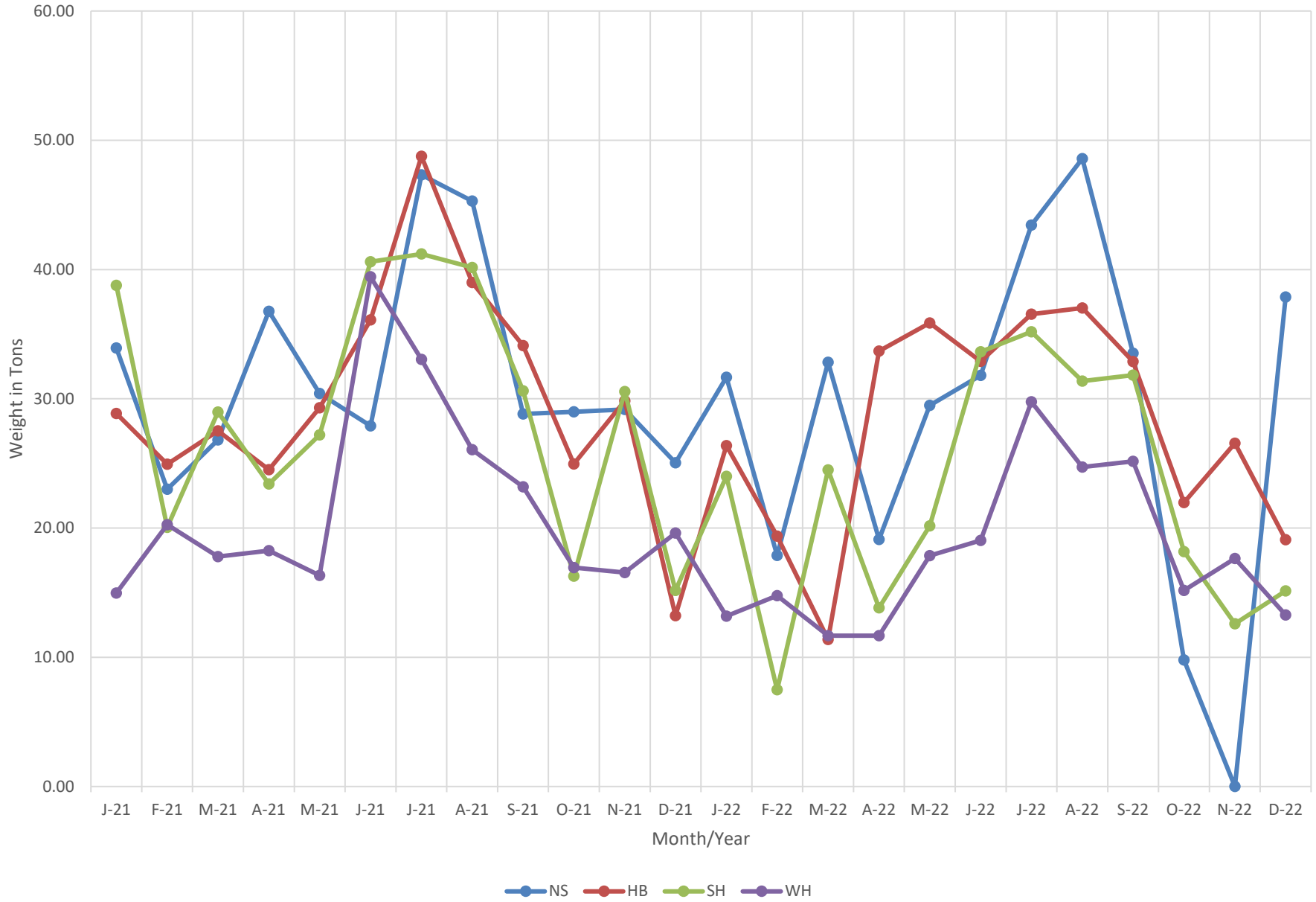
Vendor		
Town of Islip (TOI)		
		TOI
		TOI
		TOI
		TOI
		TOI
		TOI
		TOI
		TOI
		TOI
2021 Total	TOI	
1359.99	TOI	
		TOI
		TOI
		TOI
		TOI
		TOI
		TOI
		TOI
		TOI
2022 Total	TOI	2021-2022
1151.51	TOI	-15% Decrease

2021 2022 Town TS Metal

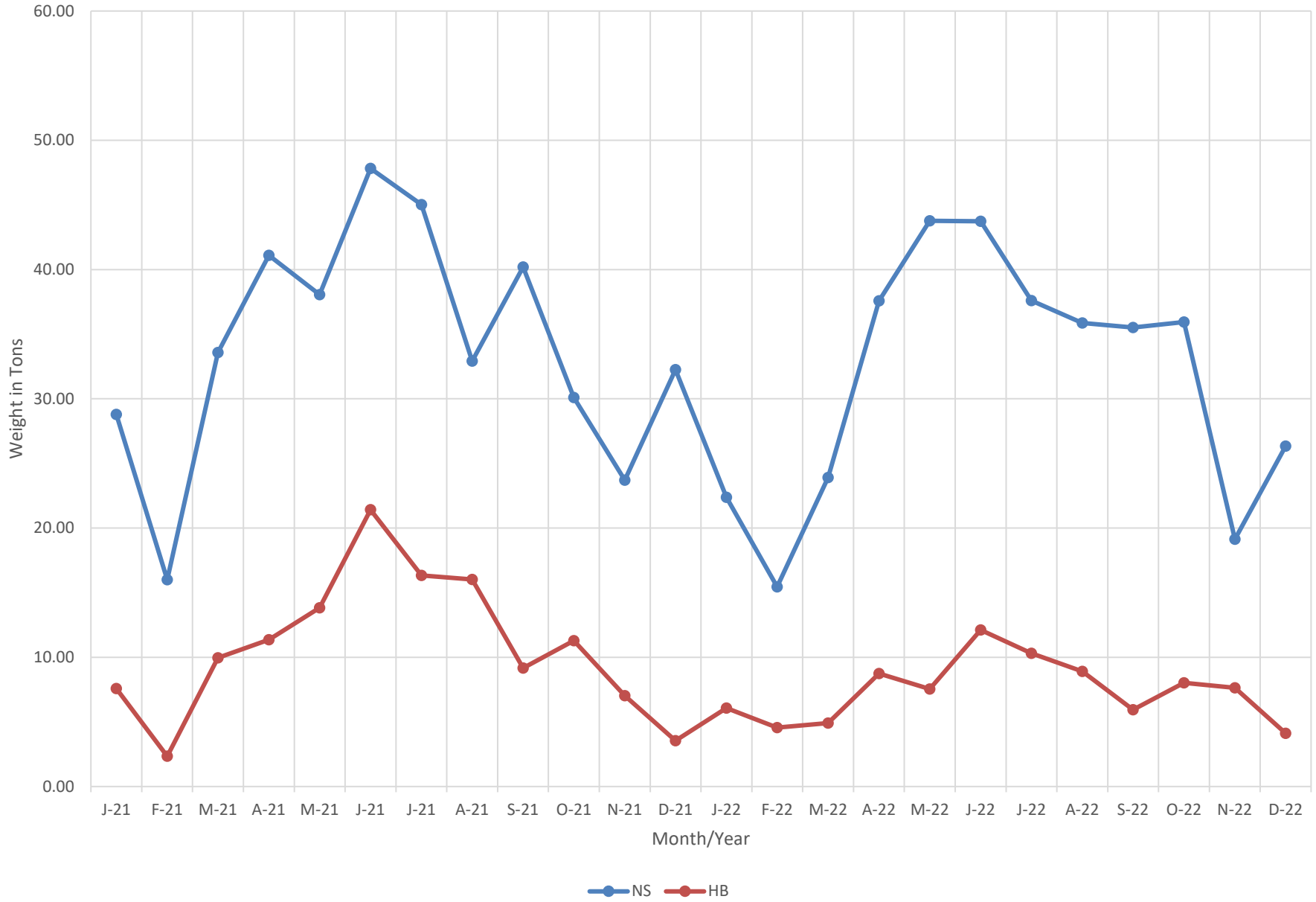
	NS	HB
J-21	28.79	7.58
F-21	16.01	2.34
M-21	33.58	9.95
A-21	41.09	11.36
M-21	38.05	13.83
J-21	47.82	21.41
J-21	45.03	16.33
A-21	32.91	16.02
S-21	40.20	9.16
O-21	30.09	11.29
N-21	23.71	7.02
D-21	32.26	3.55
J-22	22.38	6.07
F-22	15.45	4.55
M-22	23.91	4.90
A-22	37.57	8.74
M-22	43.76	7.54
J-22	43.73	12.12
J-22	37.59	10.30
A-22	35.86	8.90
S-22	35.52	5.94
O-22	35.94	8.02
N-22	19.14	7.63
D-22	26.33	4.11

Vendor		
Gershow		
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
2021 Total		Gershow
539.38		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
		Gershow
2022 Total		Gershow
466		Gershow
		2021-2022
		-14% Decrease

Comingled Containers 2021-2022



Metal 2021-2022



2021 2022 Town TS MSW

	NS	HB	SH	WH
J-21	212.90	88.09	46.45	31.69
F-21	149.88	54.69	52.25	39.78
M-21	218.08	82.93	67.27	42.98
A-21	231.64	108.93	59.60	32.28
M-21	305.95	101.72	58.02	47.93
J-21	366.89	108.93	82.95	66.17
J-21	319.48	127.55	84.64	66.94
A-21	387.43	121.44	104.79	62.09
S-21	303.32	94.22	51.82	53.12
O-21	239.78	83.98	45.93	43.92
N-21	202.17	46.86	54.28	21.24
D-21	170.11	85.57	54.25	45.95
J-22	275.63	60.35	42.26	16.31
F-22	161.75	51.41	0.00	26.23
M-22	305.37	62.11	55.59	39.55
A-22	248.25	67.54	43.40	28.17
M-22	316.46	66.55	42.76	44.88
J-22	312.31	101.08	56.50	39.40
J-22	351.79	105.40	82.77	52.33
A-22	312.44	114.23	90.52	72.35
S-22	302.37	72.37	54.22	57.10
O-22	277.40	70.11	20.01	31.92
N-22	205.38	75.97	36.88	38.32
D-22	250.94	39.88	36.41	31.79

Vendor			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
2021 Total Paumanok	5528.88		
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
Paumanok			
2022 Total Paumanok 2021-2022	5246.76		-5%
Paumanok			

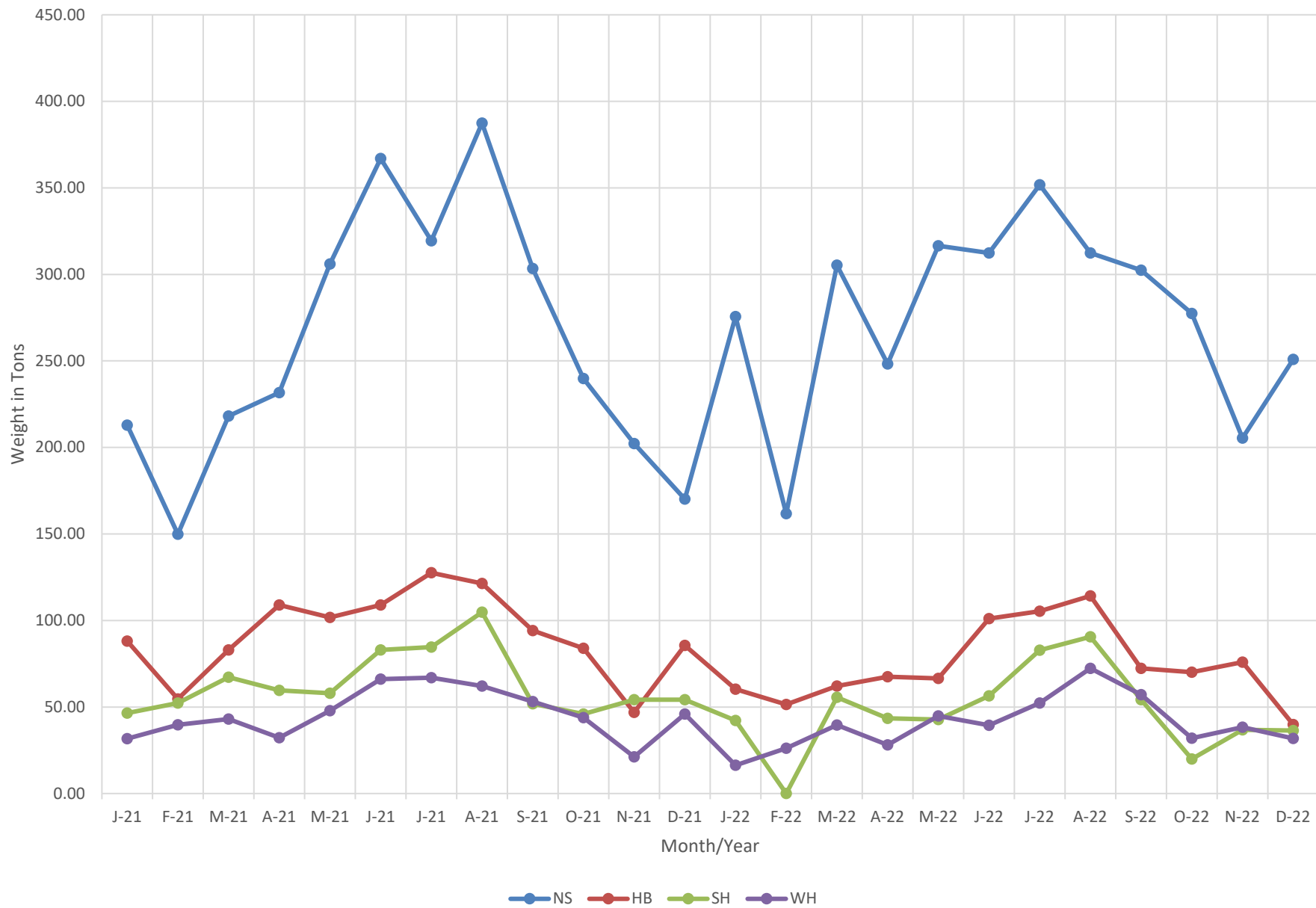
2021 2022 Town TS Waste Oil

	NS	HB	SH	WH
J-21	0.95	1.93	0.98	0.70
F-21	0.88	1.26	0.70	1.00
M-21	1.58	2.52	0.70	0.00
A-21	0.00	2.21	0.00	1.51
M-21	1.00	2.42	0.88	0.81
J-21	1.58	1.61	0.60	0.00
J-21	1.93	2.56	1.17	0.88
A-21	1.02	1.93	0.95	0.81
S-21	0.00	1.58	0.00	0.88
O-21	2.19	2.84	0.68	1.84
N-21	1.35	1.82	0.96	0.79
D-21	1.73	2.35	0.88	0.88
J-22	1.31	1.40	0.98	0.70
F-22	1.82	0.42	0.00	0.00
M-22	1.89	1.60	0.68	1.26
A-22	0.84	1.25	0.00	0.66
M-22	0.97	2.03	0.54	0.68
J-22	0.41	1.36	0.55	1.69
J-22	0.84	1.95	0.54	0.67
A-22	0.73	1.82	0.69	0.79
S-22	0.96	1.44	0.68	0.00
O-22	2.00	0.00	0.70	1.58
N-22	0.93	1.35	0.00	0.77
D-22	0.00	0.62	0.84	0.70

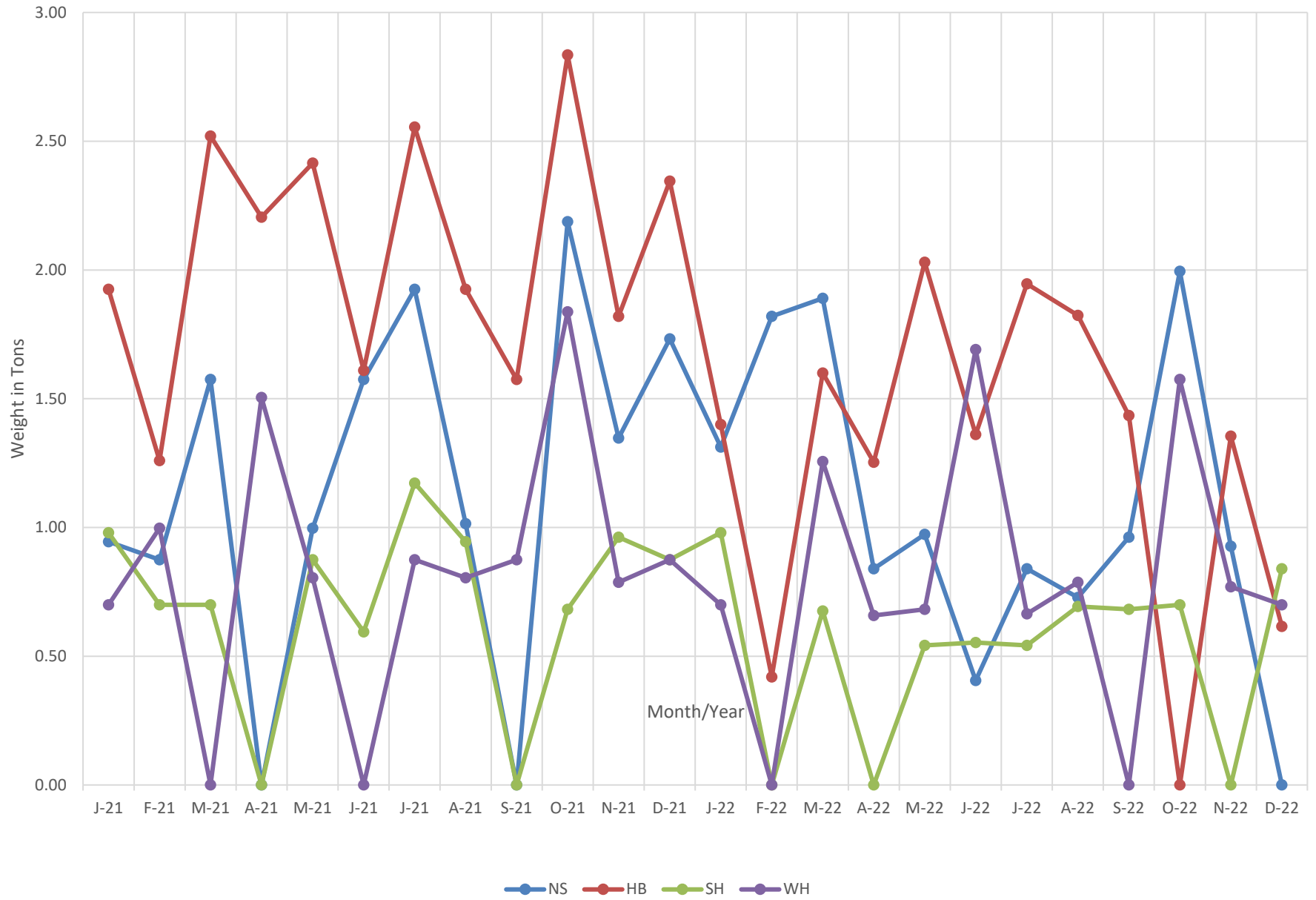
Vendor			
Long Island Waste Oil (LIWO)			
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
2021 Total LIWO	57.72		
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
LIWO			
2022 Total AB	43.63		-24%
AB			decrease

NJ DSHW Conversion Table: Used Motor Oil 285.71 gallons/ton

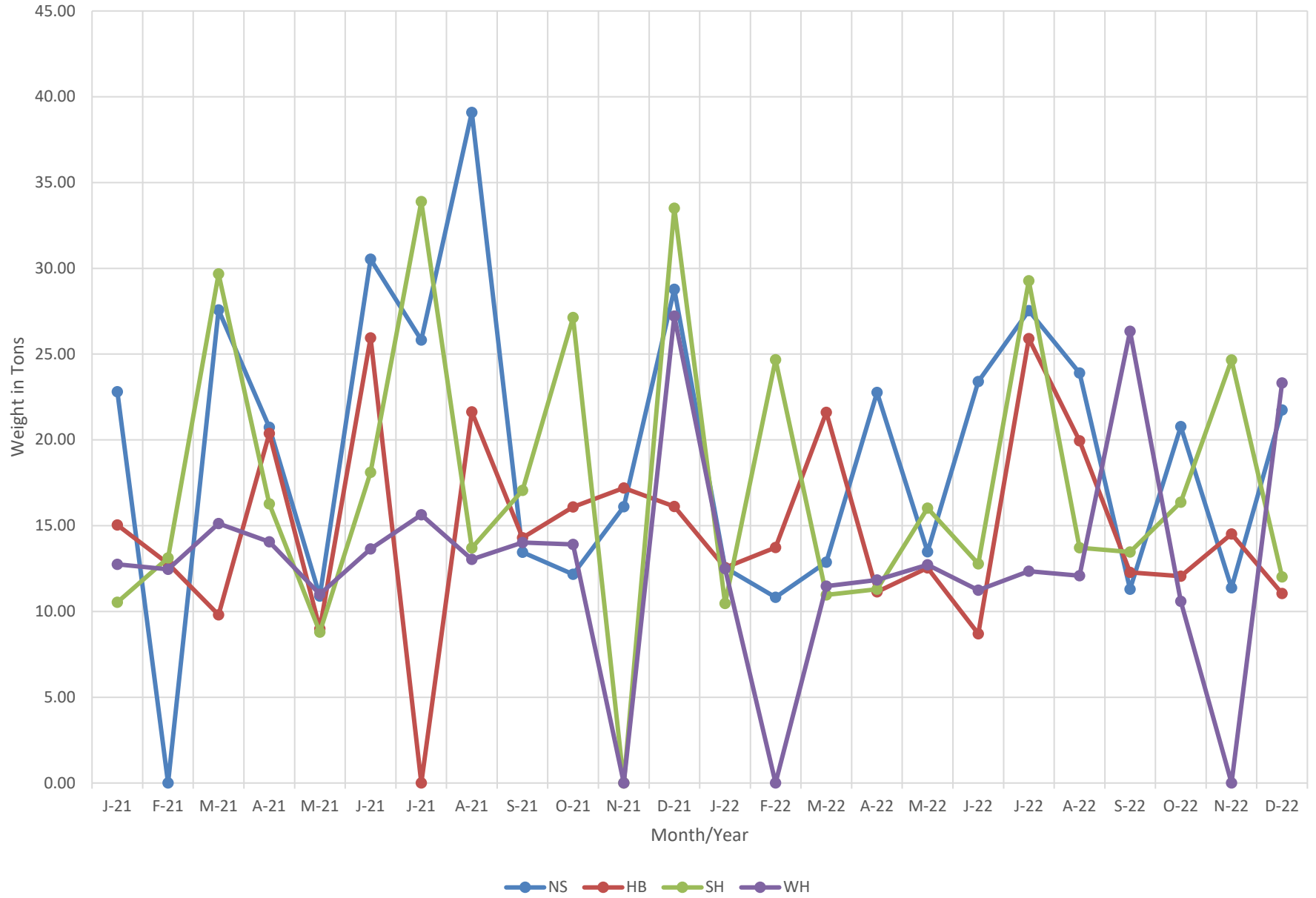
MSW 2021-2022



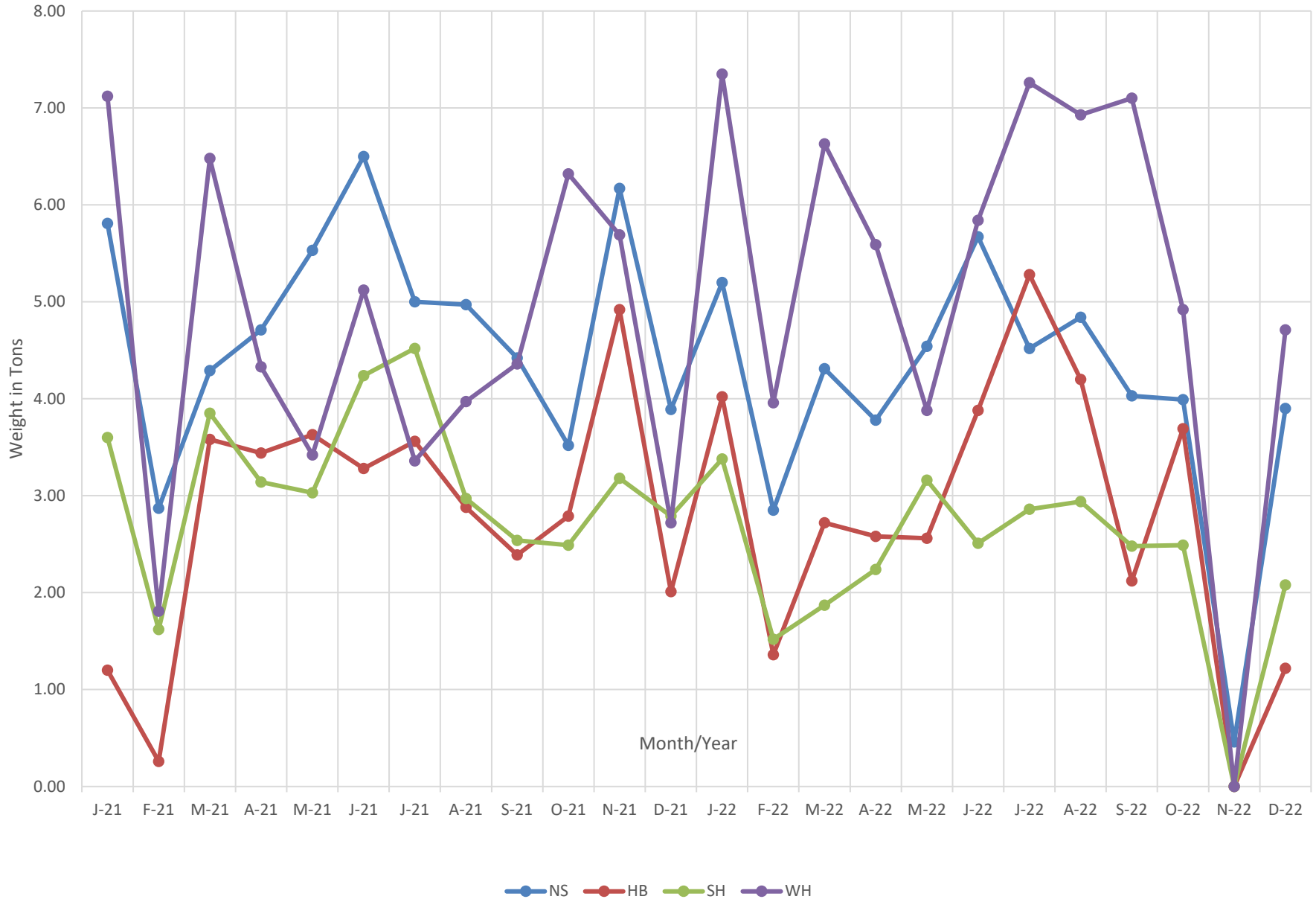
Waste Oil 2021-2022



Mixed Paper 2021-2022



Clothing Donations 2021-2022



Approved SWMP Data

	NYS DEC MSW CCAP Model			TOS Transfer Station		TOS Permit and Track		TOS Total Info			
	2021	2022	Theo Waste %	2021	2022	2021	2022	2021	Act 2021 Waste %	2022	Act. 2022 Waste %
MSW Generation Rate (lbs/person/day)	4.77	4.70							6.00		3.89
Population	59,434.00	59,660.00						89,576		89,745	
Total Waste (tons/yr)	51,738.78	51,173.37									
Suburban Residential											
Total Paper and Cardboard	15,314.68	15,147.32	29.60%	2,007.29	1,762.46	2,741.00	2,991.00	4,748.3	4.8%	4,753.46	7.46%
Metal Containers	931.30	921.12	1.80%						0.0%		0.00%
Plastic Containers	1,034.78	1,023.47	2.00%						0.0%		0.00%
Glass Containers	2,017.81	1,995.76	3.90%						0.0%		0.00%
Comingle Containers	4,615.10	4,564.66	8.92%	1,359.99	1,151.51	320.00	97.00	1,680.0	1.7%	1,248.51	1.96%
Other Metal	3,207.80	3,172.75	6.20%	539.38	466.00	1,253.55	232.00	1,792.9	1.8%	698.00	1.09%
Other Plastics	5,949.96	5,884.94	11.50%						0.0%		0.00%
Other Glass	155.22	153.52	0.30%						0.0%		0.00%
Food Scraps	6,674.30	6,601.36	12.90%			2,330.83	7,502.50	2,330.8	2.4%	7,502.50	11.77%
Yardwaste	5,267.01	5,209.45	10.18%	16,038.05	12,362.18	11,152.58	12,953.39	27,190.6		25,315.56	
Clothing	2,276.51	2,251.63	4.40%	184.29	173.42	0.00	0.00	184.3	0.2%	173.42	0.27%
Homeowner C&D & Carpet	4,346.06	4,298.56	8.40%	1,649.75	1,166.81	58,936.64	52,419.00	60,586.4		53,585.81	
Electronics	827.82	818.77	1.60%	80.82	72.34			80.8	0.1%	72.34	0.11%
Tires	879.56	869.95	1.70%	18.91	17.51		256.00	18.9	0.0%	273.51	0.43%
HHW	310.43	307.04	0.60%	80.90	79.30	165.00	173.00	245.9	0.3%	252.30	0.40%
Other	1,914.33	1,893.41	3.70%						0.0%		0.00%
TOS MSW Other				5,528.88	5,246.76	81,463.31	43,540.64	86,992.2	88.7%	48,787.40	76.52%
Total Waste Check	51,738.78	51,173.36	100.00%					185,851.2		142,662.8	
								Total Waste less C&D and Yardwaste	98,074.2	63,761.4	

Municipal Solid Waste (MSW) Generation and Diversion - Detailed Projections

Town of Southampton 2021-2026 Waste and Diversion Projections																					
		2021			2022			2023			2024			2025			2026				
Population		89,576			89,745			89,915			90,086			90,257			90,429				
	MSW Materials Composition (%)	MSW Generated (tons)	MSW Diverted (tons)	MSW Diverted (%)	MSW Generated (tons)	MSW Diverted (tons)	MSW Diverted (%)	MSW Generated (tons)	MSW Diverted (tons)	MSW Diverted (%)	MSW Generated (tons)	MSW Diverted (tons)	MSW Diverted (%)	MSW Generated (tons)	MSW Diverted (tons)	MSW Diverted (%)	MSW Generated (tons)	MSW Diverted (tons)	MSW Diverted (%)		
Material																					
	100.00%	185,851			142,663			141,094			139,541			138,007			136,488				
Paper	30.84%	57,317	4,748	8.28%	43,997	4,753	10.80%	43,513	4,849	11.14%	43,035	4,897	11%	42,561	4,946	12%	42,093	4,995	11.87%		
Metal	6.53%	12,136	1,793	14.77%	9,316	698	7.49%	9,213	712	7.73%	9,112	719	8%	9,012	726	8%	8,913	734	8.23%		
Comingled (Plastic, Metal Containers)	7.32%	13,604	1,680	12.35%	10,443	1,249	11.96%	10,328	1,273	12.33%	10,214	1,286	13%	10,102	1,299	13%	9,991	1,312	13.13%		
Plastics	11.71%	21,763		0.00%	16,706	0	0.00%	16,522	0	0.00%	16,340	0	0%	16,161	0	0%	15,983	0	0.00%		
Glass	0.36%	669		0.00%	514	0	0.00%	508	0	0.00%	502	0	0%	497	0	0%	491	0	0.00%		
Organics	13.89%	25,815	2,331	9.03%	19,816	7,503	37.86%	19,598	7,653	39.05%	19,382	7,729	40%	19,169	7,806	41%	18,958	7,884	41.59%		
Organics	9.02%	16,764	27,191	162.20%	12,868	25,316	196.73%	12,727	25,822	202.90%	12,587	26,080	207%	12,448	26,341	212%	12,311	26,604	216.10%		
Textiles	3.87%	7,192	184	2.56%	5,521	173	3.14%	5,460	177	3.24%	5,400	179	3%	5,341	180	3%	5,282	182	3.45%		
Textiles	1.53%	2,844		0.00%	2,183	0	0.00%	2,159	0	0.00%	2,135	0	0%	2,111	0	0%	2,088	0	0.00%		
Wood & C&D	7.91%	14,701	60,586	412.13%	11,285	53,586	474.86%	11,160	54,658	489.74%	11,038	55,204	500%	10,916	55,756	511%	10,796	56,314	521.60%		
Electronics	1.60%	2,974	81	2.72%	2,283	72	3.17%	2,257	74	3.27%	2,233	75	3%	2,208	75	3%	2,184	76	3.48%		
Tires	1.60%	2,974	19	0.64%	2,283	274	11.98%	2,257	279	12.36%	2,233	282	13%	2,208	285	13%	2,184	287	13.16%		
HHW	0.33%	613	246	40.09%	471	252	53.59%	466	257	55.27%	460	260	56%	455	263	58%	450	265	58.87%		
Misc (Diapers, Soils & Fines)	3.49%	6,486		0.00%	4,979	0	0.00%	4,924	0	0.00%	4,870	0	0%	4,816	0	0%	4,763	0	0.00%		
Totals		185,851	98,859		142,663	93,875		141,094	95,753	8	139,541	96,710	9	138,007	97,678	9	136,488	98,654	9		
Total Diverted with assumption of Yardwaste Composition as projected			88,432		129,796	81,428		128,369	82,658	25,828	126,957	83,217	26,087	125,560	83,785	26,348	124,179	84,361	26,611		

	2021	2022	2023	2024	2025	2026
Population	89,576	89,745	89,915	90,086	90,257	90,429
MSW Generated (tons)	185,851	142,663	141,094	139,541	138,007	136,488
Per Capital MSW Generated (#/person/year)	4,150	3,179	3,138	3,098	3,058	3,019
MSW Diverted (tons)	88,432	81,428	82,658	83,217	83,785	84,361
Per Capital MSW Diverted (#/person/yr)	1,974	1,815	1,839	1,847	1,857	1,866
MSW Disposed (tons)	97,419	61,235	58,436	56,324	54,222	52,127
per Capital MSW Disposed (#/person/year)	2,175	1,365	1,300	1,250	1,201	1,153
per capital MSW Disposal (#/person/day)	5.96	3.74	3.56	3.43	3.29	3.16

Notes:

- 1 TOS began permitting and tracking private carters in 2019; therefore actual generation values may not be fully accurate, as the amount of permits have fluctuated. Code was amended in 2020 to include additional commodities to track (yardwaste, C&D, any hauler, biosolids)
- 2 TOS is working with C&D transfer station to obtain diversion rates. Assumption until 2022 is that none of it is diverted. The assumption is that as existing LI Landfill space is reduced, the diversion and/or re-use of building construction materials will increase, this is reflected beginning in 2022
- 3 TOS collects vegetative yard waste and C&D in quantities that far exceed DEC Composition rates.
- 4 COVID 19 Pandemic resulted in a large population spike in 2020-2022 as well as the reduction in certain recyclables due to fear of contamination. We estimated a peak population of 180,000 over 3 months to account for seasonal population fluctuation.
- 5 Difficult at best to estimate trending due to recent permit and track program that was initiated ahead of the global pandemic.
- 6 These projections will be revised during the next biennial report to reflect any additional changes in trending.

APPENDIX B
STATUS ON IMPLEMENTATION SCHEDULE

21	Photograph Transfer Stations and Yard Waste Areas in June, September and October	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
22	Ensure adequate documentation ahead of Storms	Hurricane Henri; Ida	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
Local Regulations							
23	2010 Stormwater Codes - 285 285A	Continue to inspect for illegal dumping, illicit discharges and provide public education and outreach.	Continue to inspect for illegal dumping, illicit discharges and provide public education and outreach.	Continue to inspect for illegal dumping, illicit discharges and provide public education and outreach.	Continue to inspect for illegal dumping, illicit discharges and provide public education and outreach.	Continue to inspect for illegal dumping, illicit discharges and provide public education and outreach.	Continue to inspect for illegal dumping, illicit discharges and provide public education and outreach.
24	2014 Code Chapter 212 (retail Checkout Bags) & Balloons (107)	Adopted local law Chapter 107 to Ban Helium Filled Balloons	continue discussions on single use items and items of little use to further the objective of Zero Waste and environmental sustainability	continue discussions on single use items and items of little use to further the objective of Zero Waste and environmental sustainability	continue discussions on single use items and items of little use to further the objective of Zero Waste and environmental sustainability	continue discussions on single use items and items of little use to further the objective of Zero Waste and environmental sustainability	continue discussions on single use items and items of little use to further the objective of Zero Waste and environmental sustainability
25	2014 Code Chapter 123 Building Construction amendment to include Fill Composition Certification	Fill and/or RCA to come from a DEC Registered/permitted facility or an approve source.	Fill and/or RCA to come from a DEC Registered/permitted facility or an approve source.	Fill and/or RCA to come from a DEC Registered/permitted facility or an approve source.	Fill and/or RCA to come from a DEC Registered/permitted facility or an approve source.	Fill and/or RCA to come from a DEC Registered/permitted facility or an approve source.	Fill and/or RCA to come from a DEC Registered/permitted facility or an approve source.
26	2014 Code Chapter 159 Hydraulic Fracturing wastewater ban adopted	prohibit natural gas waste introduction to wastewater treatment facility; sale and/or acceptance of natural gas waste within the TOS; prohibit the application of natural gas waste on any road or real property within the TOS.	prohibit natural gas waste introduction to wastewater treatment facility; sale and/or acceptance of natural gas waste within the TOS; prohibit the application of natural gas waste on any road or real property within the TOS.	prohibit natural gas waste introduction to wastewater treatment facility; sale and/or acceptance of natural gas waste within the TOS; prohibit the application of natural gas waste on any road or real property within the TOS.	prohibit natural gas waste introduction to wastewater treatment facility; sale and/or acceptance of natural gas waste within the TOS; prohibit the application of natural gas waste on any road or real property within the TOS.	prohibit natural gas waste introduction to wastewater treatment facility; sale and/or acceptance of natural gas waste within the TOS; prohibit the application of natural gas waste on any road or real property within the TOS.	prohibit natural gas waste introduction to wastewater treatment facility; sale and/or acceptance of natural gas waste within the TOS; prohibit the application of natural gas waste on any road or real property within the TOS.
27	2015 Waste Management Code Chapter 205 Amendment - consider amendments as necessary each year to update based on additional data collection.	Due to the increased value of paper/cardboard recyclables; Town Board opted not to implement user fees at the Transfer Station at this time.	Due to the increased value of paper/cardboard recyclables; Town Board opted not to implement user fees at the Transfer Station at this time. Due to	Re-evaluate TS User Fee	Re-evaluate TS User Fee	Re-evaluate TS User Fee	Re-evaluate TS User Fee
28	2016 Code Chapter 140 Innovative and Alternative On Site Wastewater Treatment Systems.	ongoing	ongoing	Re-evaluate to address ongoing water quality issues. Determine additional opportunities.	Re-evaluate to address ongoing water quality issues. Determine additional opportunities.	Re-evaluate to address ongoing water quality issues. Determine additional opportunities.	Re-evaluate to address ongoing water quality issues. Determine additional opportunities.
29	2017 NYS DEC Part 360 Regulation Modifications	Implement	Implement	Implement	Implement	Implement	Implement
30	Improve access to recycling facilities and services	Developed partnership with Habitat for Humanity for Wednesday drop off of donated items. Constituent based desire for re-use center	Developed partnership with Habitat for Humanity for Wednesday drop off of donated items. Constituent based desire for re-use center	Prepare ADA access plan for WH. Construct in 2023. Developed partnership with Habitat for Humanity for Wednesday drop off of donated items. Constituent based desire for re-use center	Developed partnership with Habitat for Humanity for Wednesday drop off of donated items. Constituent based desire for re-use center	Developed partnership with Habitat for Humanity for Wednesday drop off of donated items. Constituent based desire for re-use center	Developed partnership with Habitat for Humanity for Wednesday drop off of donated items. Constituent based desire for re-use center
32	2018 TOS Notice of Public Hearing to consider enacting Town Code Chap. 139 to Est. a Community Choice Aggregation Energy Program	Develop an RFP for a CDG facility at the North Sea Landfill - accept proposals; make decision on vendor	Vendor chosen, permitting documents underway	complete permitting of solar on landfill and start construction. CCA legislation moving forward.	continue to progress green power initiatives to reduce solid waste and air pollution	continue to progress green power initiatives to reduce solid waste and air pollution	continue to progress green power initiatives to reduce solid waste and air pollution
34	Code Chapter 330 - Zoning	Local Law No. 23 to eliminate certain notarization on particular Land Management application forms to reduce unnecessary burdens and impeded effort to reduce paper and digitize & streamline application submission	Continue to explore avenues to reduce paper consumption and storage	Continue to explore avenues to reduce paper consumption and storage	Continue to explore avenues to reduce paper consumption and storage	Continue to explore avenues to reduce paper consumption and storage	Continue to explore avenues to reduce paper consumption and storage
Hauler Licensing and Data Management							
35	Send letter and application package to Haulers	complete	complete	ongoing	ongoing	ongoing	ongoing
36	Receive and process data from Private Haulers	complete	complete	ongoing	ongoing	ongoing	ongoing

37	Process Data and Identify Gaps	complete - missing vendors; and types of waste change outreach strategy to go by licensing list; also by palm cards and more on the Town website; amend Town Code held public hearings	complete - missing vendors; and types of waste change outreach strategy to go by licensing list; also by palm cards and more on the Town website; amend Town Code held public hearings	process data; public education and outreach; evaluate data during biennial report	process data; public education and outreach	process data; public education and outreach; evaluate data during biennial report	process data; public education and outreach
38	Code Enforcement of Chapter 205 and potential non-licensed haulers	in progress; start with a call; if not compliant begin Code Enforcement	in progress; start with a call; if not compliant begin Code Enforcement	in progress; start with a call; if not compliant begin Code Enforcement	in progress; start with a call; if not compliant begin Code Enforcement	in progress; start with a call; if not compliant begin Code Enforcement	in progress; start with a call; if not compliant begin Code Enforcement
39	MW follow up with private haulers regarding potential data gaps in required license documentation.	in progress	in progress	in progress	in progress	in progress	in progress
40	Update hauler license application in conjunction with Town Code Amendments	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing
41	Re- License Haulers	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing
42	Update website to list licensed haulers.	Have not done	Have not done	To begin	To begin	To begin	To begin
Reduce and Reuse							
43	Support NYS Extended Producer Responsibility (EPR) product/packaging initiatives	Senate Bill 1185 (1/8/21) ; amended on 3rd reading 1185C May 19, 2021	Continue to support	Continue to support	Continue to support	Continue to support	Continue to support
45	Identify and promote EPR Opportunities.	bottle bill reform	bottle bill reform	bottle bill reform	bottle bill reform	bottle bill reform	bottle bill reform
Public Education & Involvement							
46	Support private sector efforts to divert waste from landfills through promotion of "freecycling" and/or repurpose networks, programs	Habitat for Humanity pilot program at NSTS; 1day/week have a box truck for re-use items; work with HoH to meet with private citizens and builders to pick up at sites	Habitat for Humanity pilot program at NSTS; 1day/week have a box truck for re-use items; work with HoH to meet with private citizens and builders to pick up at sites. Considering second site at westhampton	Continue to explore options of facilitating reuse thru social network sharing of platforms - etc.	Continue to explore options of facilitating reuse thru social network sharing of platforms - etc.	Continue to explore options of facilitating reuse thru social network sharing of platforms - etc.	Continue to explore options of facilitating reuse thru social network sharing of platforms - etc.
47	Continue public presentations & Green Events to promote Waste Reduction, Recycling. Educate the Public on the issues of Polystyrene and encourage voluntary reduction in use of cups and food containers	public events were all but canceled during COVID pandemic; take out and disposable eatery surged in the region due to supporting local eateries that had been closed due to the pandemic	public events were all but canceled during COVID pandemic; take out and disposable eatery surged in the region due to supporting local eateries that had been closed due to the pandemic	Continue public education and outreach	Continue public education and outreach	Continue public education and outreach	Continue public education and outreach
48	Education of Polyvinyl Chloride and potential hazards of materials	not yet initiated	not yet initiated				
49	Education of Sanitary Wastes and affects on local waterways	ongoing with CPF rebates for sanitary systems and MS4 IDDE Education	ongoing with CPF rebates for sanitary systems and MS4 IDDE Education	Public Education and outreach and greater outreach on permit and tracking of sanitary carters	Public Education and outreach and greater outreach on permit and tracking of sanitary carters	Public Education and outreach and greater outreach on permit and tracking of sanitary carters	Public Education and outreach and greater outreach on permit and tracking of sanitary carters
50	Education of Fertilizers and Pesticides - distinguish between homeowner and agriculture education	3/23/21 Scotts LI formula to meet the standards of the LI nitrogen action plan (contains 50% slow release nitrogen and reduces the amount by 20%)	continue public education on intergrated pest management to reduce pests. Encourage additional natural vegetation to reduce irrigation and application of fertilizers, pesticides, herbicides or other substances	continue public education on intergrated pest management to reduce pests. Encourage additional natural vegetation to reduce irrigation and application of fertilizers, pesticides, herbicides or other substances	continue public education on intergrated pest management to reduce pests. Encourage additional natural vegetation to reduce irrigation and application of fertilizers, pesticides, herbicides or other substances	continue public education on intergrated pest management to reduce pests. Encourage additional natural vegetation to reduce irrigation and application of fertilizers, pesticides, herbicides or other substances	continue public education on intergrated pest management to reduce pests. Encourage additional natural vegetation to reduce irrigation and application of fertilizers, pesticides, herbicides or other substances
51	Education of Green Zone and Electric Lawn Care Products and benefits associated with Waste Management	Discussion of banning gas power leaf blowers. Gas powered ban failed.	ongoing effort to reduce gas powered lawn care equipment	ongoing effort to reduce gas powered lawn care equipment	ongoing effort to reduce gas powered lawn care equipment	ongoing effort to reduce gas powered lawn care equipment	ongoing effort to reduce gas powered lawn care equipment
52	Coordinate Earth Day events	Continue with public events to demonstrate large sustainable projects as well as DIY methods of reducing and/or recycling wastes.	Continue with public events to demonstrate large sustainable projects as well as DIY methods of reducing and/or recycling wastes.	Continue with public events to demonstrate large sustainable projects as well as DIY methods of reducing and/or recycling wastes.	Continue with public events to demonstrate large sustainable projects as well as DIY methods of reducing and/or recycling wastes.	Continue with public events to demonstrate large sustainable projects as well as DIY methods of reducing and/or recycling wastes.	Continue with public events to demonstrate large sustainable projects as well as DIY methods of reducing and/or recycling wastes.
53	Beachcombers Event - Annual						
54	Great East End Clean Up - Annual	May 15-16; 4.35 Tons MSW/Bulk & 3.54 Tons of Metal	4/22/23 3.76 tons msw 0.23 tons C&D	ongoing	ongoing	ongoing	ongoing
55	Continue to update Waste Management and Sustainability Webpages	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing

	Organics Management						
56	Regional Organic Digester of other facility - Identify opportunities when LI Compost Digester is operational	AOE groundbreaking delayed to 2022	AOE under construction	AOE to finish construction	Keep track of development for future potential PAYT program	Keep track of development for future potential PAYT program	Keep track of development for future potential PAYT program
57	Collection and Evaluation of data associated with management of biosolids in the Town	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing
58	Collection and Evaluation of data associated with management of Industrial solids in the Town	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing
59	Potentially develop food waste recycling program	Keep track of development for future potential PAYT program	Keep track of development for future potential PAYT program	Keep track of development for future potential PAYT program	Keep track of development for future potential PAYT program	Keep track of development for future potential PAYT program	Keep track of development for future potential PAYT program
	Special Wastes						
60	Fish Kill (small to large and Varying Quantities) - Develop policies and procedures for the TOS and Trustees to respond, act, and dispose of Fish Kill						
61	Pharmaceuticals - Develop plan to increase drop off opportunities	Operation Medicine Cabinet launched in 2021 for disposal of medicines at SH PD Substation at BH Commons; HB Community Center; Flanders Community Center; SH Village PD; WHB Village PD	Operation Medicine Cabinet launched in 2021 for disposal of medicines at SH PD Substation at BH Commons; HB Community Center; Flanders Community Center; SH Village PD; WHB Village PD	Operation Medicine Cabinet launched in 2021 for disposal of medicines at SH PD Substation at BH Commons; HB Community Center; Flanders Community Center; SH Village PD; WHB Village PD	Operation Medicine Cabinet launched in 2021 for disposal of medicines at SH PD Substation at BH Commons; HB Community Center; Flanders Community Center; SH Village PD; WHB Village PD	Operation Medicine Cabinet launched in 2021 for disposal of medicines at SH PD Substation at BH Commons; HB Community Center; Flanders Community Center; SH Village PD; WHB Village PD	Operation Medicine Cabinet launched in 2021 for disposal of medicines at SH PD Substation at BH Commons; HB Community Center; Flanders Community Center; SH Village PD; WHB Village PD
63	Biosolids - Data gathering through Suffolk County and Private Industry within the TOS	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing
64	Industrial Waste - Data gathering through Suffolk County, New York State and Private industries within the TOS	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing
65	E-waste - Continue to expand education efforts to promote and increase the use of available recycling services in Town.	accepted at Hampton Bays and North Sea	accepted at Hampton Bays and North Sea	look to develop additional sites	look to develop additional sites	look to develop additional sites	look to develop additional sites
66	TOS work with Pine Barrens Commission on Management of SPB and Oak Wilt Tree Waste	ongoing	ongoing	continue work on invasive species and issues affecting trees and making wastes	continue work on invasive species and issues affecting trees and making wastes	continue work on invasive species and issues affecting trees and making wastes	continue work on invasive species and issues affecting trees and making wastes
67	Develop a program to divert construction and demolition (C&D) waste materials from landfills, including guidelines and procedures for assessing projects salvageable materials prior to demolition . Coordinate effort with the Town's Procurement policy for re-usable construction products and materials. 400+ plan	Developed partnership with Habitat for Humanity for residential/ contractor drop off area for building materials and gently used residential items.	continued partnership with habitat for humanity	Continue to explore ways to incentivize the reduction of C&D wastes by encouraging re-purposing of buildings; modificaitons in lieu of demo and rebuild; and recycling of building materials	Continue to explore ways to incentivize the reduction of C&D wastes by encouraging re-purposing of buildings; modificaitons in lieu of demo and rebuild; and recycling of building materials	Continue to explore ways to incentivize the reduction of C&D wastes by encouraging re-purposing of buildings; modificaitons in lieu of demo and rebuild; and recycling of building materials	Continue to explore ways to incentivize the reduction of C&D wastes by encouraging re-purposing of buildings; modificaitons in lieu of demo and rebuild; and recycling of building materials
	Local Government and Partnerships						
67	Coordinate with Suffolk Recycles Consolidation Education Campaign as well as LI Solid Waste Leadership Council regarding current issues.	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
68	Pine Barrens Commission - Work together with adjacent Towns on SPB and Oak Wilt Prevention, Mitigation and Action	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
69	Cornell Cooperative Extension - To develop Water Quality Improvement projects to deal with Nitrogen as Waste in wastewater located in the groundwater system	Working with SCDHS and Cornell on Riverside Maritime park	Working with cornell on PRD at riverside maritime	Ongoing	Ongoing	Ongoing	Ongoing
70	Suffolk County - work to generate a list of biosolids haulers working within the Town and work together to obtain quantity and disposal data.	Not completed	Not Completed	future item	future item	future item	future item
71	Village of Westahmpton - Develop shared services agreement for municipal fueling and yardwaste disposal	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
72	NYSDEC - to obtain PU inforamtion on Bottle Bill Redemntion Quantities	TOS Has requested but has not yet received	Continue to request	Continue to request	Continue to request	Continue to request	Continue to request
	Education Sector						
73	Reach out to 12 School Districts to obtain data on their waste management efforts	Covid had partially shut down schools; most schools do regularly scheduled pick up, not based on weight and/or quantity	Covid had partially shut down schools; most schools do regularly scheduled pick up, not based on weight and/or quantity	ongoing	ongoing	ongoing	ongoing
74	Develop potential plan to make local government incl. school districts more efficient in waste Management plan - 400+	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing
75	Encourage additional reduce, reuse, and recycling efforts in School Districts in both operational and educational areas-400+	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing
	Commercial/Institutional Sector						

76	Education and Outreach to business regarding opportunities for Energy Audits, Alternative Fuel incentives, Solar Initiatives including Community Solar that could serve to reduce use of fossil fuels and encourage re-newable energy sources, and efficiencies to lower bills, reduce waste and be more sustainable.	working on project to provide LMI residents the ability to take part in a CDG at the North Sea Landfill	Continue to develop programs to provide opportunities for green energy and reduce waste and air pollution. CCA/CDG	ongoing	ongoing	ongoing	ongoing
77	TOS To reach out to this sector by land use to obtain information on Solid Waste Management on a voluntary basis	Delayed due to Covid	Delayed due to Covid	begin outreach	continue outreach	continue outreach	continue outreach
78	Develop potential program plan to help private industry track and develop their own sustainability Programs.	Delayed due to Covid	Delayed due to Covid	begin outreach	continue outreach	continue outreach	continue outreach
Reporting							
79	Submit biennial compliance reports to DEC	Submitted		to be submitted		to be submitted	
80	Update Solid Waste Management Plan - annually	update with report	updated	ongoing	ongoing	ongoing	ongoing

Legend:

Completed Task

Ongoing Task

Future Task

The Implementation Schedule timeline and tasks are dependent on staffing and funding.

The numbering of tasks is for reference only, and do not indicate priority.

The asterisks indicate that the task could be, or should be, done by a compliance officer or recycling coordinator and/or an intern.