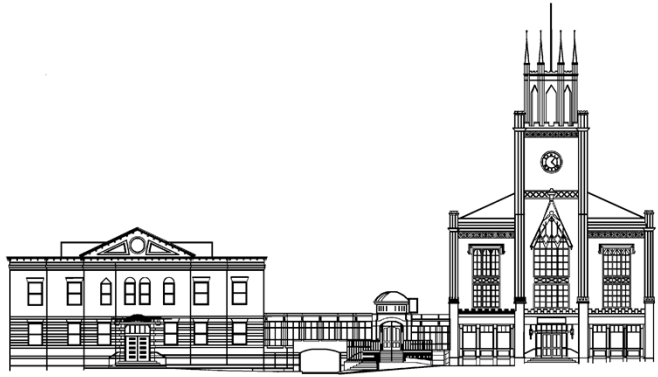




SPECIAL COMMITTEE ON SOLID WASTE ACTIVITIES

April 4, 2022 at 5:00 PM

Aldermanic Chambers, City Hall (3rd Floor)

Members: Aldermen Stewart, Cavanaugh, Fajardo, Sharonov, E. Sapienza

AGENDA

The Chairman calls the meeting to order.

The Clerk calls the roll.

1. Communication from Chaz Newton, Solid Waste and Environmental Programs Manager, regarding the following:
 - Elm Street Trash Receptacles
 - Public Education - Welcome Brochure
 - Workers' Compensation Savings
 - Textile Recycling
 - Waste Management Contract

(Note: For informational purposes only; no action is required.)

If there is no further business, a motion is in order to adjourn.

Kevin A. Sheppard, P.E.
Public Works Director

Timothy J. Clougherty
Deputy Public Works Director



Commission
Patrick Robinson, Chair
James Burkush
Trixie Dysart
Armand Forest
Kathleen Sullivan

CITY OF MANCHESTER

Department of Public Works

MEMORANDUM

TO: Alderman Stewart, Cavanaugh, Fajardo, Sharonov, Sapienza
Special Committee on Solid Waste Activities, City of Manchester

FROM: Chaz Newton
Solid Waste & Environmental Programs Manager

DATE: April 4th, 2022

RE: Solid Waste Management Program, Special Committee on Solid Waste Activities

Elm Street Trash Receptacles

Elm Street trash receptacles have long remained the same style - outdated and operationally inefficient. The concrete receptacles throughout Elm Street do not contain a top cover, which easily enables precipitation to penetrate the inside of the receptacle, which then produces 'garbage juice'. Additionally, a November 2021 case study of our Elm Street receptacles revealed 85% of our receptacles as less than 50% full the day of pick-up. There are many blocks on Elm Street that contain multiple, sometimes four, of the concrete receptacle, while other blocks contain zero receptacles.

In March, we strategically placed and installed additional Glasdon bins throughout Elm Street. Following the installation of the bins, we then removed the concrete receptacles located throughout. Glasdon bins, which are already placed throughout some parks and next to many of our bus stops, are more aesthetically pleasing and are comprised of a semi-closed top to reduce precipitation penetrating the inside of the receptacles, and from wind causing litter concerns.

On January 17, 2022, Public Works installed BigBelly trash receptacles on Elm Street, outside of City Hall. BigBelly trash receptacles are completely enclosed receptacles with the ability to compact the material that is disposed of within. A sensor within the receptacle measures how full the container is, and utilizes a solar-powered compactor to pack it down, creating additional space for trash to be disposed of inside the receptacle. On February 17th, we relocated the BigBelly system to outside of Ben & Jerry's. It was not until March 8th when we had to empty the trash bin for the first time. To this date, we have emptied the trash receptacle three times, and recycling twice.

Our operation downtown is currently made up of a crew emptying every trash receptacle every other day, regardless of what percentage of it is filled. We will be focusing on four major components during the BigBelly pilot.

Worker Safety

- Refuse Collector remains the 6th deadliest job in the United States (U.S. Department of Labor Statistics).

Improved Downtown Aesthetics

- BigBelly offers a closed-top receptacle with limited access to the internal contents.

Operational Efficiency Gains

- Efficiently utilizing time by only going to receptacles that need to be emptied.
- Average emptying of each receptacle is expected to drop by 80% per month.

Environmental Protection

- Receptacles that contain open areas for precipitation to penetrate the garbage produce ‘garbage juice’.
- BigBelly receptacles contain an “Access Control System” so only trash and authorized personnel have access to the inside contents.

Public Education – Welcome Brochure

Public education remains a focal point to both our operational success and our waste objectives as we continue to be creative with our outreach programs surrounding waste collection, and other Public Works services. A brochure will be sent to all residents, subsequently followed by a monthly distribution to all new homeowners in Manchester.

The ‘Welcome Brochure’ enables DPW to communicate with Manchester residents on recreational activities, best practices to receive consistent and high-level services, and provides information on upcoming improvements, such as where to view the paving plan.

Workers’ Compensation Savings

Since the inception of automated collection, the Department of Public Works Solid Waste Program has observed 41% less injuries in the workforce, including a 40% reduction in claims. Additionally, 2021 was recognized as having an 85% decrease in the dollar amount of paid claims from 2018 (\$271,137 vs. \$47,805). These figures represent less injuries, as well as less severe injuries that are happening to the employees.

Textile Recycling

Public Works will be offering curbside pick-up of textiles to all residents through a partnership with WasteZero and Helpsy. According to the Environmental Protection Agency, 6% of municipal solid waste is textiles, which equates to approximately 2,730 tons per year in Manchester. Collaborating with the aforementioned will allow textiles to be conveniently recycled, save the city in disposal costs, reduce landfill usage, and provide residents with an additional service at no cost.

The program accepts textiles in any condition, as long as they are dry, including: all clothing, footwear, accessories (hats, scarves, bags), bedding, towels, kitchen linens, sports uniforms, stuffed animals.

Waste Management Contract

The arbitrator denied Waste Management of New Hampshire’s motion for summary judgment on February 1st, granting summary judgment to the City of Manchester. What this means for Manchester:

- \$69.28 per ton disposal fees vs. the proposed \$75 per ton for FY22
 - Cost savings of approximately \$220,000
- Total cost savings FY22 through FY26 for curbside services
 - Approximately \$1.4 million
- Total cost savings FY22 through FY26 at Manchester Drop-Off Facility
 - Approximately \$650,000

Parks and Recreation

Manchester has over 2,000 acres of public parkland, including playgrounds, athletic fields, a municipal golf course, a disc golf complex, six aquatics facilities, a ski area, two ice arenas, over 70 miles of trails, and more! Myriad recreation programs run throughout the year.

Aquatics Facilities

- Crystal Lake Beach
- Dupont Splash Pad
- Sheehan-Basquil Splash Pad
- Livingston Pool
- Raco-Theodore Pool

Disc Golf Complex. Check out the two 18-hole courses that comprise The Hollows, designed by former world champion Eric McCabe.

Gill Stadium. Play a game or watch one at historic Gill Stadium, a multi-purpose facility with grandstand seating for 2,220.

Ice Arenas. Play hockey or practice your ice skating at two public rinks: West Side Arena and JFK Coliseum.

Lake Massabesic. Boat, fish, hunt, hike or ride a horse in the massive Lake Massabesic Watershed, maintained by Manchester Water Works.

Golf Course. Get your rounds in at the Derryfield Country Club, an 18-hole municipal course comprising 116 acres. (In winter, Nordic skiing trails are groomed after heavy snowfall!)

Ski Slopes. Enjoy skiing, snow tubing and a 9,000 square foot lodge at McIntyre Ski Area, right in the heart of Manchester.

To learn more, visit manchesternh.gov/parks or follow us on Facebook (Manchester NH Parks & Recreation).

Pine Grove Cemetery offers 300 acres of lawns, a mausoleum and two outdoor columbaria. A variety of choices for full-body burials and interment of cremains are available. To discuss your options, call 603-624-6514 or email us at cemetery@manchesternh.gov

Highway

Notifications

Sign up for notifications at: manchesternh.gov/residents/e-services/alert-notifications for road closures, upcoming construction and parking bans, snow emergencies, etc.

Manchester, NH Connect (SeeClickFix)

Download the Manchester Connect Mobile App at: manchesternh.gov/residents/manchester-nh-connect for the best way to report issues such as potholes, traffic signs and signals, street light outages, etc.



Paving Plan

Upcoming city paving plan as well as other street repair information can be found at: manchesternh.gov

gov/departments/highway/streets/street-repairs-and-improvements.

Winter Parking Ban

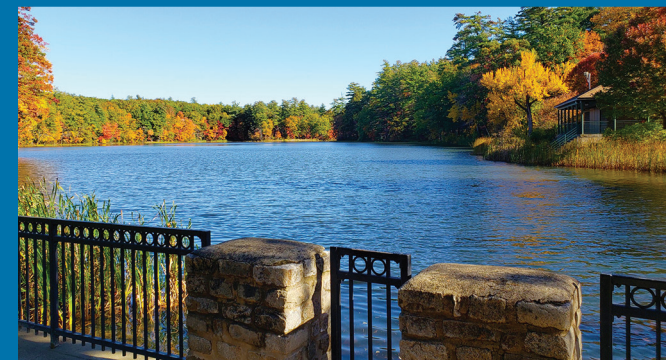
An overnight winter on-street, odd/even parking ban is in effect from December 1 through April 15. Where parking is normally allowed on both sides of the street, parking is permitted only on the even-numbered side of the street during even-numbered months (i.e., December and February) and only on the odd-numbered side of the street during odd-numbered months (i.e., January and March).

Snow Emergency

Upon declaration of a snow emergency, vehicles must be removed from City streets. Any vehicle parked in violation of parking restrictions will be removed and impounded.

Welcome

A Guide to Public Works Services for Manchester Residents



Important information from:
City of Manchester DPW
Department of Public Works
475 Valley Street
Manchester, NH 03103
603-624-6444
manchesternh.gov

Trash and Recycling

Trash

- Trash must be placed in a City-approved trash cart. City-approved trash carts must be purchased. Carts can be purchased at the Drop-off Facility or online
- To accommodate the occasional week when occupants of a property may have more trash than will fit in their green cart(s), overflow collection must be placed in DPW-issued Overflow Collection Bags
- Carts must be placed in a location that allows for access by collection equipment and crews: at least two feet from other carts, trees, mailboxes, parked vehicles, and misc. objects; not behind vehicles, other carts, or misc. objects; not obstructed by snowbanks.
- Place trash at the edge of the road, without blocking sidewalks or access to your recycling cart, by 7 AM of your collection day
- Carts must be placed at the edge of the road, on the street side of the curb (if present); they must not block the sidewalk.
- Carts must be placed in front of the property at which the trash was generated, unless an alternative placement has been agreed to by DPW.



If your trash or recycling carts are given rejection stickers, the carts are in violation of the rules or contain items that do not belong in that cart. Please do not report a missed pickup if your carts are in violation of any of the above rules, or have rejection stickers.



Recycling

The curbside program is single stream. All items can be placed together in your blue recycling cart. Collection is weekly in most areas, with more frequent pickups downtown.

If your property is in the downtown collection zone, recycling is mandatory. The following items may be placed in your blue recycling cart:

- Container plastics #1–7, except Styrofoam and PVC
- Tin, steel and aluminum containers
- Glass bottles
- Paper and cardboard

Alternative Disposal Options

- Drop-off facility
- Household hazardous waste
- Textile recycling
- Food waste, composting

For more information on alternative disposal options, please visit the City website.

WORK FOR A GREAT CITY

Help build Manchester. Apply for jobs and learn about the city's excellent benefits plan at: manchesternh.gov/jobs

Bulky Item Pick-up

Curbside collection by appointment only for a fee of \$25 (includes up to five items)

Eligible items include

- Chairs, couches and cribs
- Exercise equipment
- Free-standing shelves
- Kitchen and laundry appliances
- Mattresses and box springs
- Rugs and carpets

Bulk Items (non-metal) at Drop-off Facility

No charge for first ten items each year (maximum of two trips) 8.75 cents per pound thereafter.

Ineligible items include

- Construction/demolition debris (including doors, windows, cabinetry and bathroom fixtures)
- Electronics (including televisions, computers, monitors and VCRs)
- Landscaping materials such as rocks, concrete or wood
- Propane tanks, fire extinguishers or other pressurized containers
- Glass items

