

City of Biddeford
Solid Waste Management Commission
June 19, 2019 6:30 PM Public Works

- 1. Call to Order**
- 2. Approval of Minutes**
 - 2.1. Minutes from April 17, 2019
[Minutes April 17, 2019.docx](#)
- 3. Discussion / Approval**
 - 3.1. Update Composting Food Waste at Public Works Facility
 - 3.2. Casella Update / Contamination
 - 3.3. Education with Jen from Casella Waste
 - 3.4. New Ordinance Review - 3 / 5 Unit Buildings
[New Ordinance.pdf](#)
- 4. Staff Reports**
- 5. School Programs Update**
 - 5.1. Food Waste Composting
- 6. Questions /Comments on Reports**
 - 6.1. Recycling Reports
[20190430 MSW & Recycle Jul - Apr YTD.pdf](#)
[20190331 MSW & Recycle Jul - Mar YTD.pdf](#)
[20190228 MSW & Recycle Jul - Feb YTD.pdf](#)
[20190131 MSW & Recycle Jul - Jan YTD.pdf](#)
[20181231 MSW & Recycle Jul - Dec YTD.pdf](#)
 - 6.2. Code Enforcement Report
 - 6.3. Curbside Trash & Recycling Reports
- 7. Commission Roster Changes**
- 8. Education/Advertising/Fiscal Year Budget**
- 9. Other Business**
- 10. Agenda for Next Meeting**

Public Works Department

371 Hill Street, Biddeford, Maine 04005

SOLID WASTE MANAGEMENT COMMISSION MEETING

MINUTES OF April 17, 2019

Attendance: Adam Bellefeuille Chair, Councilor Michael Swanton, Dan Lamontagne, Checo Potvin, Jeff Demers/Public works director.

Absent Marc Lessard

The minutes for March 20, 2018 were accepted as printed.

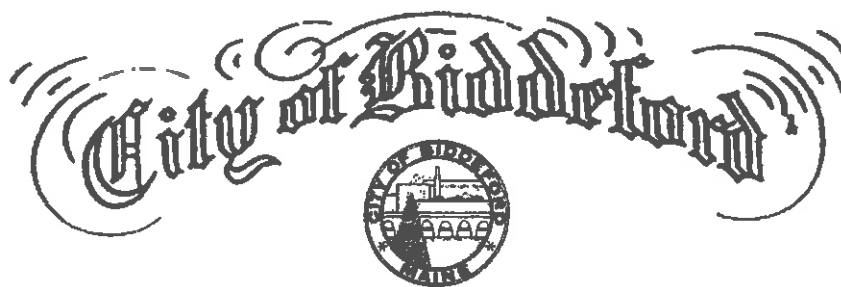
The commission was briefed and had short discussions on the following issues:

- Pilot program of food waste and the start date.
- Briefed on Casella contamination issues and asked if we could get a report on the 10 most items that cause contamination.
- Talked about the new plastic bag ordinance.
- Commission talked about education going forward and possibly some type of video with Casella.

Mike Swanton is all set to set up tent for earth day/drug take back.

Commission would like a Talley of items going up to the Andrews road.

Motion to adjourn @ 7:15pm



2019.53

IN BOARD OF CITY COUNCIL..MAY 21, 2019

BE IT ORDAINED, by the City Council of the City of Biddeford that the Code of Ordinances, **Chapter 58, SOLID WASTE, Article I, IN GENERAL and Article II, COLLECTION**, is amended by adding and deleting to read as follows:

ARTICLE I. IN GENERAL

Sec. 58-1. Definitions.

The following words, terms and phrases, when used in this chapter, shall have the meanings ascribed to them in this section, except where the clearly indicates a different meaning:

ACCEPTABLE MUNICIPAL SOLID WASTE

All waste as identified by the Public Works Director annually in accordance with existing disposal agreements, disposal facility acceptance requirements and permit authorizations.

ACCEPTABLE RECYCLABLE MATERIALS

All acceptable recyclables as identified by the Public Works Director annually in accordance with existing recycling agreements, recycling facility acceptance requirements and permit authorizations.

CITY

The City of Biddeford, Maine.

CITY TRANSFER STATION

A City-owned building or container or designated area in which acceptable waste is disposed of transshipment to another facility for disposal or material recovery.

COMMERCIAL GARBAGE, RUBBISH, OR WASTE

Any solid waste originating and/or generated within the boundaries of the City by any business, firm or person identified as paying personal property through the City Assessor's records or required to obtain a business license under the City's definitions of licensed activities, excepting licenses for waste hauling only. This definition specifically includes multifamily dwelling with three or more units. For the purpose of this chapter, this includes public organizations and facilities except for parish houses, parsonages and churches; parish halls; mobile home parks; and condominiums. This definition excludes home occupations as defined and described in Article VI, Section 38, of the Biddeford Zoning Ordinance, being clearly secondary and incidental to the primary residential use.

DESIGNATED MUNICIPAL SOLID WASTE CONTAINER

A container provided by the City for the sole purpose of storing acceptable municipal solid waste prior to curbside collection. Bags designated for overflow are also considered designated municipal solid waste containers.

DESIGNATED RECYCLING CONTAINER

A portable container provided by the City for the sole purpose of storage of acceptable recyclables prior to curbside collection.

DISPOSAL

The discharge, deposit, injection, dumping, leaking, spilling or placing of any solid waste into or on any land or water.

DISPOSAL FACILITY

The facility or facilities controlled or designated by the City for the storage and/or disposal of wastes.

GRANDFATHERED FACILITY

Any property that would otherwise generate commercial recyclables, garbage, rubbish, or waste and either 1) currently receives curbside collection services from the City and currently receives curbside recycling collection services and the owner of the property has not changed, as of July 1, 2002 or (3) is an owner-occupied multifamily dwelling with three to five units of which ownership has not changed since July 1, 2019. The following condominium locations also shall be grandfathered facilities: 1) 318 Alfred Street; 2) 100 Hills Beach Road; 3) 9 Lester B. Orcutt Boulevard; 4) 55 West Street; and 5) 91-93 Western Avenue.

HAZARDOUS WASTE

The waste substance or material, in any physical state, designated as hazardous by federal, state or local laws; waste material that exhibits characteristics of hazardous waste, as defined in RCRA (ignitability, corrosively, reactivity, or toxicity), is listed specifically in RCRA 261.3 Subpart D, is a mixture of either, or is designated locally or by the state as hazardous or undesirable for handling as part of the municipal solid waste and would have to be treated as regulated hazardous waste if not from a household.

HOUSEHOLD

Each residential unit regardless of whether the residential unit is owned by an individual or business entity.

HOUSEHOLD GARBAGE AND RUBBISH

Any acceptable waste originating and/or generated within the boundaries of the City, at the site of generation by a homeowner or residential occupant. For the purpose of this chapter, this does not include commercial garbage, rubbish, or solid waste except that waste generated from a grandfathered facility.

OVERFLOW

That volume of acceptable municipal solid waste in excess of the volume of the designated municipal solid waste container.

PERFORMANCE-BASED DEMONSTRATION OF COMPLIANCE

Placing uncontaminated recycling containers at the curb for pick-up by a grandfathered facility shall serve as evidence that the facility has complied with its performance based recycling plan. The City may inspect the recycling containers to confirm that the containers are not contaminated.

PERFORMANCE-BASED RECYCLING PLAN

A recycling management plan for each grandfathered facility that shall contain a minimum of the following five (5) elements: (1) a written plan, (2) the facility owner's contact information, (3) a single-point of contact for recycling matters, (4) the facility address and (5) a plan that includes a method or procedure to ensure only acceptable recycling materials are placed in the recycling container for curbside collection.

PRIVATE WAY

Any street, lane, road or other roadway not considered a public way.

PUBLIC WAY

Any street, lane, road, or other roadway accepted by the City Council as a public way.

RECOVERABLE RESOURCE

The recovery of materials or substances that still have useful physical or chemical properties after serving a specific purpose and can be reused or recycled for the same or other purposes.

SOLID WASTE

Useless, unwanted or discarded solid material with insufficient liquid content to be free-flowing, including, by way of example and not by limitation, rubbish, garbage, scrap materials, junk, refuse, inert fill material and landscape refuse, but shall not include septic tank sludge or agricultural or hazardous wastes.

UNACCEPTABLE WASTE

All solid waste of the type municipalities are required to regulate by 38 M.R.S.A. § 1305, as amended, which specifically excludes industrial and sewage treatment plant sludge, and not included in the definition of "acceptable waste."

WASTE HAULER

Any person, firm or corporation which collects residential, institutional, commercial and/or industrial waste for a fee and transports it to a central collection or disposal facility and any person, business or institution which transports its own waste to the designated disposal facility.

Sec. 58-2. Legislative authority.

This chapter is enacted pursuant to the authority granted in 30-A M.R.S.A. §§ 2001, 2002 and 3001 and 38 M.R.S.A. § 1304.B.

Sec. 58-3. Purpose.

- (a) The City has a statutory obligation to provide waste disposal services for domestic and commercial waste generated within the City and is authorized to provide such a facility for industrial waste and sewage treatment plant sludge, pursuant to 38 M.R.S.A. § 1305(1). Municipal solid waste contains valuable recoverable resources, including energy, which if recovered reduce the cost of solid waste disposal.
- (b) The City must exercise its legal authority to control the collection, transportation and disposal of solid waste generated within its borders.

- (c) The City shall establish a system of regular collection, subject to the requirements of this chapter, for all household garbage and rubbish and recyclables, all as defined herein. The City will not collect commercial garbage, rubbish or waste, and such commercial garbage, rubbish or waste shall be removed from the premises and disposed of at the expense of the owner or occupant of such premises. The City shall not collect otherwise eligible solid waste from residences located on private ways unless it is brought to the intersection of the private way and a public way and otherwise complies with all other requirements of this article. The Director of Public Works is expressly granted the authority to issue rules or regulations governing the collection of containers on private ways, streets that are too narrow to allow for routine collection, and for dead-end streets where it is impractical for the collection trucks to service the containers.

Sec. 58-4. Regulated activity.

The accumulation, collection, transportation and disposal of the following materials generated within the City shall be regulated in the following manner:

- (1) All acceptable solid waste generated within the City from eligible residential customers and grandfathered facilities shall be placed in a designated solid waste container and collected by the City at curbside on a weekly basis.
- (2) All acceptable recyclable materials from eligible residential customers, and grandfathered facilities if applicable, shall be placed in a designated recycling container and collected by a City authorized commercial hauler at curbside on a weekly basis.
- (3) All recyclable materials designated as acceptable for delivery to the Biddeford Recycling Center may be delivered to the facility by any entity.
- (4) All unacceptable waste generated within the City shall be deposited in a manner prescribed elsewhere in this chapter and or as specified by the Director of Public Works.
- (5) All commercial waste shall be regulated in accordance with the most recent version of the International Property Management Code adopted by the City of Biddeford.

Sec. 58-5. Property rights.

- (a) All solid waste collected by City vehicles or deposited at the City transfer station or other designated area shall become the property of the City or its assignee. No one may salvage, remove or carry off any such waste without prior approval of the Director of Public Works in accordance with a policy approved by the Biddeford City Council.
- (b) All recyclable materials collected by a City-authorized commercial hauler shall become the property of the City-authorized commercial hauler unless otherwise specified in a written contract.

Sec. 58-6. Administration.

This chapter shall be administered as described below:

- (1) City Council: Adopt reasonable rules and regulations as needed to enforce this chapter and institute any necessary proceedings, either legal or equitable, to enforce this article.
- (2) City Clerk: To consider all license applications and to grant or deny each application within 10 days after receipt of a completed application at the City offices or a later time as deemed reasonable by the City Clerk and the applicant.
- (3) Codes Office:
 - a. To review any alleged violation of this chapter, and to impose appropriate penalties.
 - b. To institute necessary proceedings, either legal or equitable, to enforce this chapter.
 - c. To review all applications in consultation with the City Clerk.
- (4) Director of Public Works:
 - a. The collection, transportation and disposal of all waste generated within the municipality shall be under the supervision and direction of the Director of Public Works.
 - b. The Director of Public Works shall establish a collection schedule that will allow the collection of acceptable municipal solid waste and acceptable recyclable materials on a regular basis and may make periodic changes to the schedule as may be needed to facilitate the program in an efficient and effective manner.
 - c. The Director of Public Works shall determine the manner in which unacceptable waste shall be managed and deposited.
 - d. The Director of Public Works or designee shall ensure that a reasonable attempt is made to provide appropriate notice to affected parties upon adoption of material changes to this Chapter.
- (5) Solid Waste Management Commission.
 - a. To review the City's waste collection and management policies and propose revisions as may be needed to the City's comprehensive solid waste management plan, and reduce costs to the taxpayers of the City.
 - b. Evaluate, propose, and conduct education and outreach to facilitate the program in an efficient and effective manner.

Sec. 58-7. Regulated activities and administration.

The accumulation, collection, transportation and disposal of solid waste, both acceptable and unacceptable, generated within the City of Biddeford shall be regulated in the following manner:

- (1) Such City collection will be limited to properties whose primary use is residential in nature.
- (2) The operating hours and general administration of the City transfer station shall be set by the City Council, except holidays or emergencies where the Director of Public Works would have the authority to set emergency hours.
- (3) When a holiday falls upon the day of collection, or severe weather necessitates cancellation of collection services, recycling services for the residents on that day's route will be collected on the following Saturday. Collection of waste shall be on the next day following the cancellation.
- (4) In the event of two or more collection service cancellations in one week, the Public Works Director shall publish an emergency collection schedule, which may include, but may not be limited to, no collection for one or more routes with collection occurring on the next week's regular schedule. The requirement that all acceptable municipal solid waste fit in the designated municipal solid waste container shall be waived during emergency collection events.
- (5) All grandfathered facilities shall submit a written Performance-Based Recycling Plan to the Director of Public Works as identified by the following schedule:
 - a. Grandfathered facilities shall submit a written Performance-Based Recycling Plan within 30-days of the effective date of this ordinance or written notice, whichever is later.
 - b. A written Performance-Based Recycling Plan shall be submitted to the Code Enforcement Office. The method of delivery may include plans submitted via email, fax, regular mail or hand-delivery.
 - c. Performance-Based Recycling Plans shall be considered accepted upon submittal provided however, the Code Enforcement Office may request changes to the Plans to the extent they deem such Plan as inadequate to serve its intended purpose.
 - d. grandfathered facilities shall have a continuing obligation to maintain and submit an updated Performance-Based Recycling Plan within twenty (20) days of a change affecting the Performance-Based Recycling Plan.

Sec. 58-8. Variances.

- (a) Evaluation of private ways for municipal waste collection and curbside collection of acceptable recyclables shall be reviewed through the variance process. The Director of Public Works may, on written application, grant a variance from a specific provision of this chapter in specific cases, subject to appropriate conditions, where such variance is in harmony with the general purpose and intent of this chapter. Such variance, if granted, shall remain valid until such time as the condition or conditions warranting the variance are no longer valid. As an example and for the avoidance of

doubt, the sale of property or the assignment of a new tenant shall terminate the variance, at which time the new property owner or tenant may apply for a variance.

- (b) A grandfathered facility, excluding grandfathered condominium facilities shall no longer be eligible to receive municipal curbside collection services following the date upon which ownership of the property changes or the property becomes otherwise ineligible for services.

Sec. 58-9. Penalties.

Penalties shall be as follows.

- (1) Any person who violates any portion of this chapter shall be subject to penalties and enforcement as authorized under the provisions of City of Biddeford Ordinance, Sec. 1-12-General penalty for violation of Code; continuing violations.
- (2) In no event does this section limit the City's ability to address a nuisance or take other action for equitable relief.
- (3) Any Grandfathered Facility that generates two (2) documented violations of Sec. 58-32-Mandatory Separation, within any 12-month period, shall result in the loss of city curbside trash collection and recycling services and shall no longer be deemed a grandfathered facility.

Sec. 58-10. Enforcement.

This chapter shall be enforced by the Public Works Department, authorized commercial hauler, and Code Enforcement Office as further described below.

- (1) Upon observation of failure to place only acceptable municipal solid waste in the designated solid waste container or to place only acceptable recyclable materials in the designated recycling container, the receptacle will not be collected and a warning notice shall be placed on the appropriate designated container by the Public Works Department or City-authorized commercial hauler.
 - a. The address, date, and nature of the nonconformance shall be forwarded to the Director of Public Works and the Code Enforcement Officer.
 - b. The Director of Public Works and Code Enforcement Officer shall document and review each nonconformance and determine the appropriate enforcement action.
 - i. Nonconformance notices corrected prior to the next scheduled collection date shall be closed with no further action except as otherwise identified in Sec. 58-9
 - ii. Failure to correct a nonconformance notice prior to the next scheduled collection date or two or more consecutive nonconformance events in any 12-month period shall warrant direct contact with the property owner and responsible party to document education and outreach, except as otherwise identified in Sec 58-9.
 - iii. A Grandfathered facility that A. fails to submit an initial Performance-Based Recycling Plan, or B. fails to comply with the continuing

obligation to maintain and submit an up-to-date Performance-Based Recycling Plan, or C. fails to correct a deficiency identified in a nonconformance notice or incurs two nonconformance notices with a 12-month period, shall lose the respective curbside service and shall cease to be deemed a grandfathered facility.

- iv. Nonconformance notices issued after contact and education shall be subject to penalties as per Section 58-9.
- v. Enforcement for the Performance-Based Recycling Plan requirement and Performance-Based Demonstration of Compliances shall commence relative to the applicable timelines specified in Sec. 58-7.

(2) Upon determination by the Code Enforcement Officer that a violation of this chapter exists or has occurred, the Code Enforcement Officer shall give written notice of the violation to the violator, which notice shall specify the section violated, the nature of the violation, and a reasonable time period to cure the violation.

(3) If a waste hauler is found to be unlicensed, penalties and enforcement shall be in accordance with Section 58-9.

Sec. 58-11. Effect on other laws; severability.

The provisions of this chapter shall supersede all other local laws, ordinances, resolutions, rules or regulations contrary thereto or in conflict therewith. If provisions of this chapter, or the applicability thereof to any person or circumstance, shall be held invalid, the remainder of this chapter and the application thereof shall not be affected thereby.

ARTICLE II. COLLECTION

Sec. 58-31. Effective date.

This chapter shall become July 1, 2013, provided the City provides notice of commencement in the manner required for publication of ordinances.

Sec. 58-32. Mandatory separation.

- (1) Each household eligible for and receiving City curbside collection services for acceptable municipal solid waste or acceptable recyclable materials shall separate acceptable recyclable materials, acceptable municipal solid waste, and unacceptable waste.
- (2) Separated materials shall be managed as identified in this chapter.
- (3) All Grandfathered Facilities shall have and maintain on-site an up-to-date written Performance-Based Recycling Plan.

Sec. 58-33. (Reserved)

Sec. 58-34. Exempted activities.

- (a) Residents shall be exempt from the separation requirements identified in Section 58-32 and the overflow requirements identified in Section 58-35(a)(1) for the collection period coinciding with Thanksgiving and Christmas as specifically designated by the Director of Public Works.
- (b) Nothing in this chapter shall prevent a residential user from retaining materials from his or her acceptable municipal solid waste or acceptable recyclable materials the purpose of sale or profit.
- (c) Nothing in the chapter shall prohibit a residential user from hiring a fee-for-service provider for the collection of acceptable municipal solid waste or acceptable recyclable materials. In the event of such an arrangement, the residential user shall not be eligible to receive a designated municipal solid waste container or a designated recycling container. Such containers shall be returned to the Public Works Department if previously issued.

Sec. 58-35. Portable receptacles.

- (a) The Public Works Department shall issue two designated collection containers, color-coded, to each residential dwelling unit receiving municipal waste collection and curbside recycling collection: one container, approximately 35 gallons, shall be for acceptable municipal solid waste, and one container, approximately 65 gallons, shall be acceptable recyclable materials; except that grandfathered condominium facilities shall not receive designated municipal solid waste containers and shall place acceptable municipal solid waste in designated bags for curbside collection. Designated recycling containers shall be assigned to grandfathered facilities, subject to space limitations, as determined by the Director of Public Works.

(1) Weekly collection of acceptable municipal solid waste shall be limited to the volume of the designated municipal solid waste container such that the waste shall not spill out of the container or prevent the cover from closing.

- a. Overflow shall not be collected unless contained within a designated bag made available to residents on a fee-per-bag basis. The overflow bag may be placed on or adjacent to the designated municipal waste container or in a container separate from the designated municipal solid waste container. If overflow is placed in a separate container, the container shall not be larger than 45 gallons or weigh in excess of 35 pounds.
- b. The City Council shall establish the overflow bag price, which may be adjusted.
- c. The Director of Public Works shall maintain and make available a list of the locations at which residents may purchase overflow bags and the price of each bag as established by the City Council. The list and pricing shall be made available upon request, shall be posted to the City website, and shall be otherwise available as may be directed by the City Council.

- d. Overflow restrictions may be waived during designated emergency collection schedules as defined in Section 58-7(4).

(2) Weekly collection of acceptable recyclable materials placed in the designated recycling container shall not spill out of the container or prevent the cover from closing.

- (b) Each designated container shall remain the sole property of the City of Biddeford and may not be moved to any other location.
- (c) Residents may request larger or additional designated recycling containers from the Director of Public Works for good cause as determined by the Director of Public Works. Requests of any other nature shall be evaluated through the variance process.

Sec. 58-36. through Sec. 58-39. (Reserved)

Sec. 58-40. Container repair and replacement; stolen containers.

- (a) Property owners shall be responsible for the proper use and security of their assigned containers. Each container is fitted with a radio frequency identification (RFID) tag to assist with assignment and identification.
- (b) If a designated container is damaged as a result of the City's collection service or authorized commercial hauler actions, normal wear and tear, or due to a manufacturers defect, the City shall repair or replace the container, otherwise, the resident must pay for the cost of necessary repairs or replacement.
- (c) The Director of Public Works shall post the replacement cost of each type of container on the City's website and update the posting annually.
- (d) If a container is stolen, the responsible party must report the theft to the Biddeford Police Department and the Public Works Department and fill out any required reports. Any person who removes a designated container from a residence may be prosecuted for theft of City property and may have his or her collection privileges suspended.

Sec. 58-41. Container placement and removal.

- (a) All designated municipal solid waste containers and designated recycling containers must be placed at the outer edge of the sidewalk or the edge of the roadway shoulder for removal on the day of collection, providing a minimum of one foot of spacing between containers. Under no conditions shall the containers be placed at the outer edge of the sidewalk or edge of the roadway for removal prior to 4:00 p.m. on the day before the day of collection.
- (b) All containers must be removed from the outer edge of the sidewalk or edge of the roadway shoulder by 8:00 p.m. on the day of collection.

May 21, 2019

Motion by Councilor McCurry, seconded by Councilor Belanger to grant the first reading of the ordinance amendment.

Motion by Councilor Belanger, seconded by Councilor Ready to table the ordinance amendment and send to the Solid Waste Management Commission and the Policy Committee for review and recommendations.

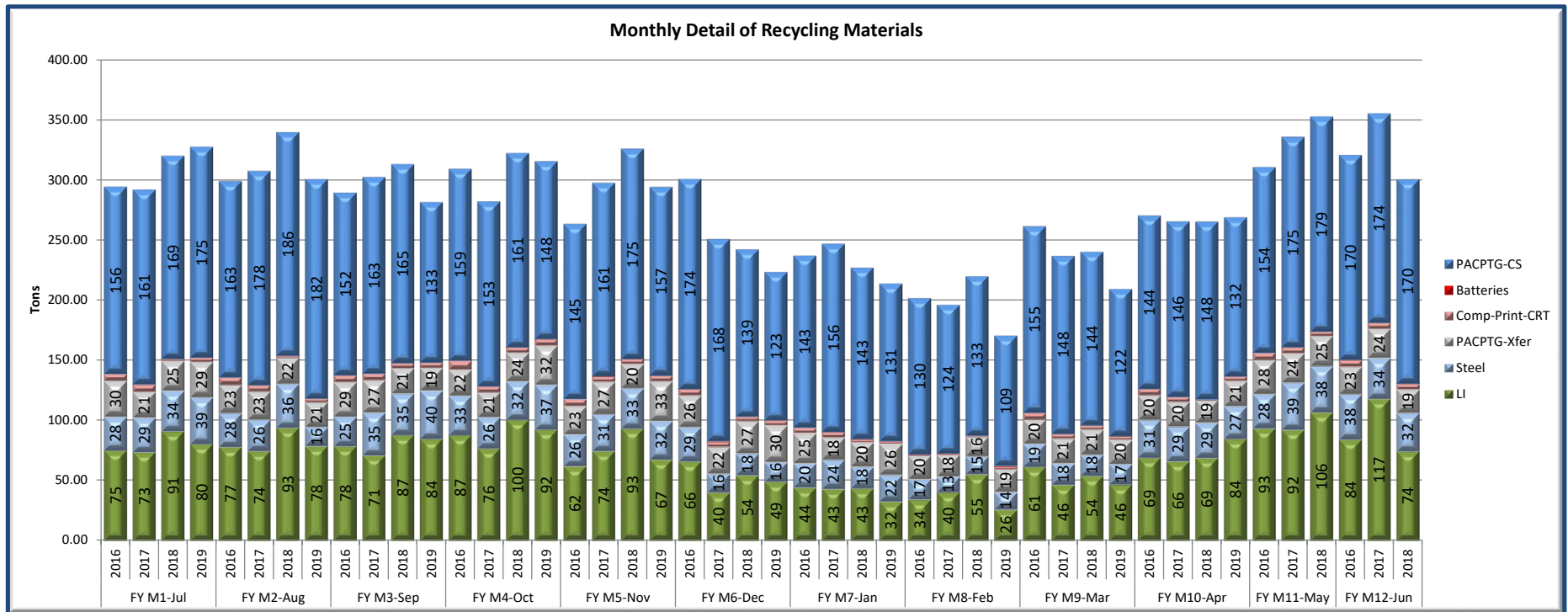
Vote: Unanimous.

City of Biddeford Transfer Station and Curbside Recycling Program

Monthly Detail of Recycling Materials

Sum of Tons	Column Labels						
Row Labels	LI	Steel	PACPTG-Xfer	Comp-Print-CRT	Batteries	PACPTG-CS	Grand Total
FY M1-Jul							
2016	74.74	28.05	29.74	5.57	0.66	155.51	294.27
2017	73.30	28.63	21.23	6.15	0.84	161.48	291.64
2018	90.58	33.62	24.58	2.03	0.44	168.62	319.87
2019	79.88	38.88	29.30	3.48	0.73	174.89	327.16
FY M2-Aug							
2016	77.49	28.15	23.47	6.43	0.34	162.85	298.73
2017	74.20	26.14	23.25	5.16	0.68	177.75	307.17
2018	93.49	36.45	21.54	1.58	0.73	185.63	339.42
2019	78.38	15.72	20.57	3.08	0.58	182.20	300.53
FY M3-Sep							
2016	78.20	24.52	28.56	5.76	0.58	151.60	289.22
2017	70.61	35.41	26.86	5.46	0.69	163.14	302.16
2018	87.39	34.56	20.96	4.14	0.64	165.20	312.88
2019	84.23	40.07	18.91	4.32	0.68	133.33	281.53
FY M4-Oct							
2016	87.22	32.74	21.65	7.61	0.60	159.21	309.02
2017	76.27	26.03	20.60	4.77	0.83	153.40	281.89
2018	100.01	31.86	23.78	4.48	0.64	161.39	322.16
2019	91.90	37.23	32.36	5.48	0.81	147.50	315.28
FY M5-Nov							
2016	61.66	26.42	23.44	5.87	0.58	145.48	263.45
2017	74.24	30.53	26.73	4.37	0.93	160.69	297.49
2018	92.74	33.46	20.12	4.16	0.57	174.54	325.59
2019	67.15	32.03	32.72	4.87	0.58	156.59	293.94
FY M6-Dec							
2016	65.56	28.62	26.09	5.38	0.49	174.48	300.61
2017	39.83	15.50	22.27	4.38	0.69	168.16	250.82
2018	54.22	18.04	26.98	3.46	0.59	138.96	242.24
2019	48.69	16.48	30.38	3.96	0.68	123.30	223.50
FY M7-Jan							
2016	44.05	20.09	24.93	4.29	0.58	143.10	237.05
2017	42.80	24.42	18.36	4.19	0.67	156.47	246.92
2018	43.33	17.97	20.17	2.26	0.58	142.87	227.19
2019	32.34	22.21	25.87	1.72	0.58	131.26	213.99
FY M8-Feb							
2016	34.03	16.91	19.64	0.35	0.58	130.23	201.74
2017	40.17	12.93	18.26	0.23	0.57	124.11	196.26
2018	55.11	14.70	16.41	0.60	0.43	132.82	220.07
2019	25.79	14.39	18.79	2.23	0.58	109.02	170.81
FY M9-Mar							
2016	61.08	19.33	20.08	5.61	0.38	154.86	261.33
2017	46.26	17.79	20.60	3.62	0.49	148.11	236.86
2018	53.64	17.65	20.74	3.21	0.58	144.39	240.22
2019	46.42	17.06	20.07	2.71	0.59	122.48	209.33
FY M10-Apr							
2016	68.74	31.45	20.32	5.47	0.38	143.83	270.19
2017	65.72	28.91	20.37	3.98	0.71	145.70	265.39
2018	68.54	29.38	18.51	0.82	0.52	147.54	265.32
2019	84.21	27.23	20.86	3.76	0.50	132.33	268.89
FY M11-May							
2016	93.06	28.34	28.12	6.24	0.49	154.16	310.40
2017	91.66	39.13	24.26	5.10	0.69	174.53	335.37
2018	106.04	38.40	25.03	3.66	0.59	178.62	352.34
FY M12-Jun							
2016	83.69	37.64	22.67	5.68	0.58	170.22	320.48
2017	117.23	33.96	24.22	4.96	0.69	173.83	354.89
2018	73.88	31.84	19.48	4.65	0.84	169.61	300.30

City of Biddeford Transfer Station and Curbside Recycling Program



PACPTG-CS = paper, aluminum, cardboard, plastic, tin, glass from curbside collection

PACPTG-Xfer = paper, aluminum, cardboard, plastic, tin, glass from transfer station

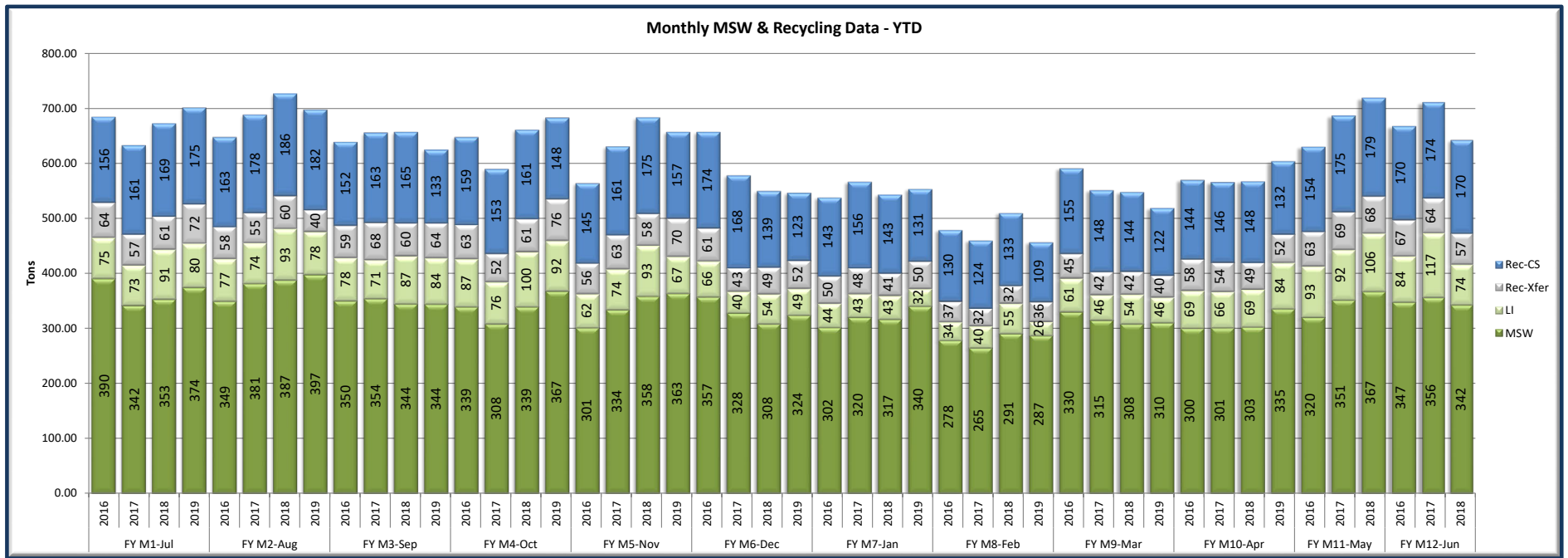
LI = large item

City of Biddeford Transfer Station and Curbside Recycling Program

Monthly MSW & Recycling Data

Sum of Tons	Column Labels				
Row Labels	MSW	LI Rec-Xfer	Rec-CS	Grand Total	
FY M1-Jul					
2016	390.14	74.74	64.02	155.51	684.41
2017	341.61	73.30	56.86	161.48	633.25
2018	352.62	90.58	60.67	168.62	672.49
2019	374.11	79.88	72.39	174.89	701.27
FY M2-Aug					
2016	348.99	77.49	58.39	162.85	647.72
2017	381.01	74.20	55.22	177.75	688.18
2018	387.23	93.49	60.30	185.63	726.65
2019	397.18	78.38	39.95	182.20	697.71
FY M3-Sep					
2016	350.01	78.20	59.42	151.60	639.23
2017	353.71	70.61	68.41	163.14	655.87
2018	344.15	87.39	60.29	165.20	657.03
2019	343.74	84.23	63.97	133.33	625.27
FY M4-Oct					
2016	338.86	87.22	62.59	159.21	647.88
2017	308.29	76.27	52.22	153.40	590.18
2018	338.82	100.01	60.76	161.39	660.98
2019	367.46	91.90	75.88	147.50	682.74
FY M5-Nov					
2016	301.21	61.66	56.31	145.48	564.66
2017	333.62	74.24	62.56	160.69	631.11
2018	357.76	92.74	58.31	174.54	683.35
2019	363.13	67.15	70.20	156.59	657.07
FY M6-Dec					
2016	356.64	65.56	60.57	174.48	657.25
2017	327.72	39.83	42.83	168.16	578.54
2018	308.32	54.22	49.06	138.96	550.56
2019	323.72	48.69	51.51	123.30	547.22
FY M7-Jan					
2016	301.60	44.05	49.90	143.10	538.65
2017	320.05	42.80	47.65	156.47	566.97
2018	316.59	43.33	40.99	142.87	543.78
2019	339.99	32.34	50.39	131.26	553.98
FY M8-Feb					
2016	278.12	34.03	37.48	130.23	479.86
2017	264.65	40.17	31.98	124.11	460.91
2018	290.60	55.11	32.14	132.82	510.67
2019	286.92	25.79	36.00	109.02	457.73
FY M9-Mar					
2016	330.09	61.08	45.39	154.86	591.42
2017	315.00	46.26	42.49	148.11	551.86
2018	308.37	53.64	42.19	144.39	548.59
2019	310.25	46.42	40.43	122.48	519.58
FY M10-Apr					
2016	300.24	68.74	57.62	143.83	570.43
2017	301.11	65.72	53.97	145.70	566.50
2018	302.57	68.54	49.24	147.54	567.89
2019	335.23	84.21	52.35	132.33	604.12
FY M11-May					
2016	320.00	93.06	63.18	154.16	630.40
2017	351.15	91.66	69.18	174.53	686.52
2018	366.58	106.04	67.68	178.62	718.92
FY M12-Jun					
2016	347.26	83.69	66.57	170.22	667.74
2017	355.93	117.23	63.83	173.83	710.82
2018	342.32	73.88	56.81	169.61	642.62

City of Biddeford Transfer Station and Curbside Recycling Program



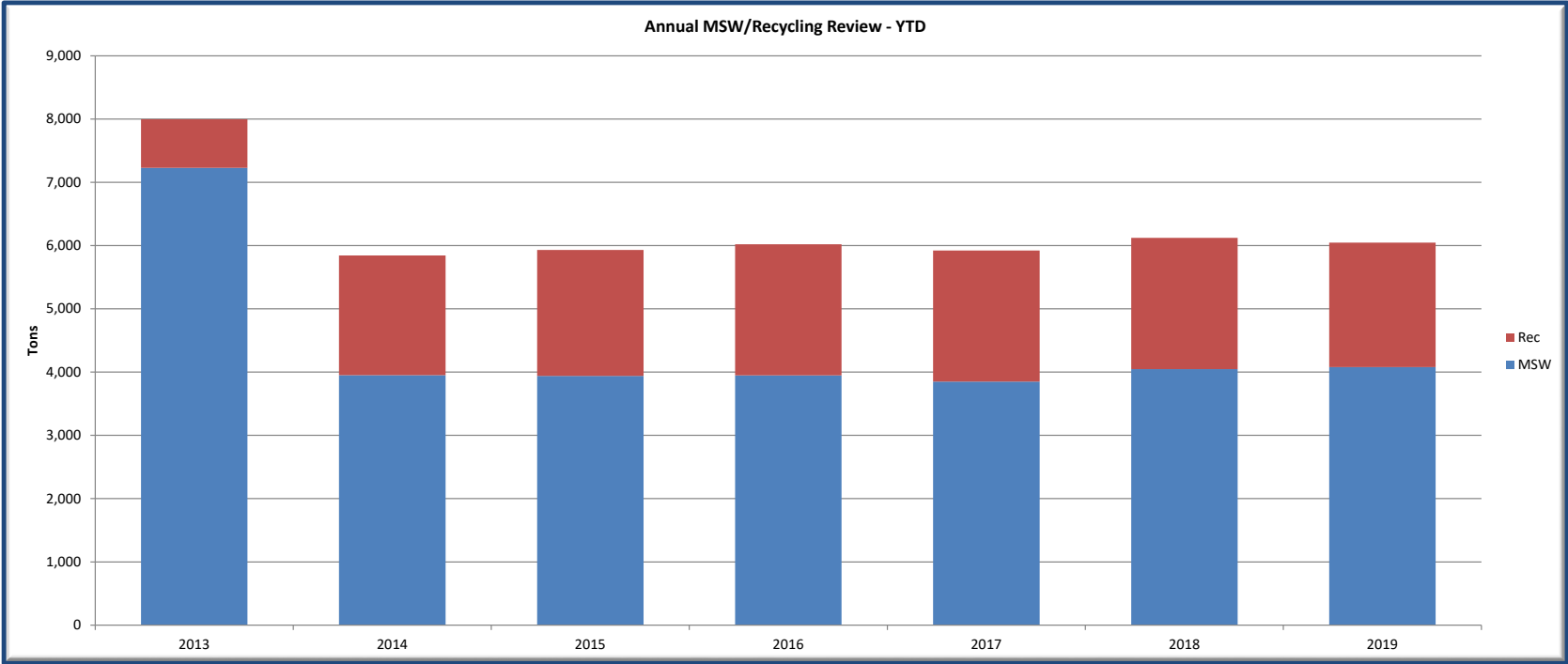
Rec-CS = recycling materials collected at curbside

Rec-Xfer = recycling materials collected at Biddeford Transfer Station

LI = large item

MSW = municipal solid waste

City of Biddeford Transfer Station and Curbside Recycling Program



Fiscal Month (Multiple Items)

Jul - Apr

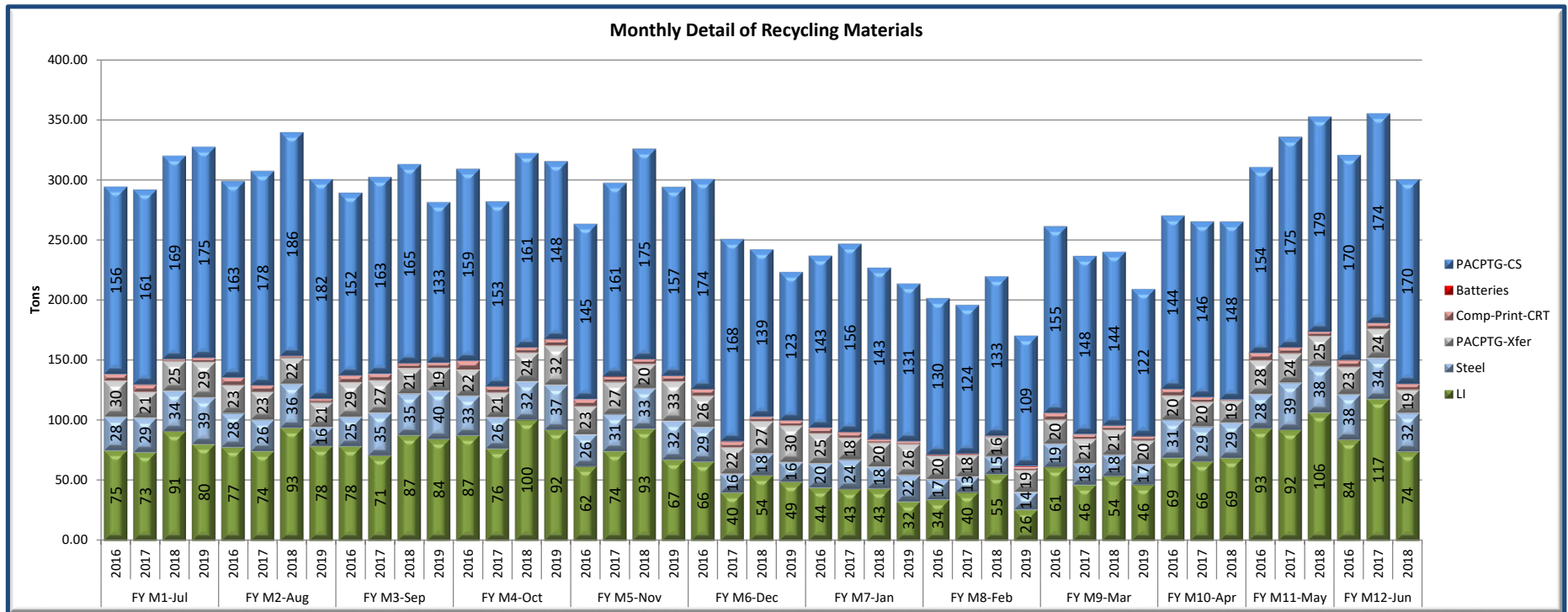
Sum of Tons	Column Labels			Recycling
Row Labels	MSW	Rec	Grand Total	Rate
2013	7,229	770	7,998	9.62%
2014	3,950	1,894	5,845	32.41%
2015	3,940	1,992	5,932	33.58%
2016	3,949	2,073	6,021	34.42%
2017	3,850	2,073	5,923	35.00%
2018	4,046	2,076	6,122	33.91%
2019	4,081	1,966	6,047	32.51%

City of Biddeford Transfer Station and Curbside Recycling Program

Monthly Detail of Recycling Materials

Sum of Tons	Column Labels						
Row Labels	LI	Steel	PACPTG-Xfer	Comp-Print-CRT	Batteries	PACPTG-CS	Grand Total
FY M1-Jul							
2016	74.74	28.05	29.74	5.57	0.66	155.51	294.27
2017	73.30	28.63	21.23	6.15	0.84	161.48	291.64
2018	90.58	33.62	24.58	2.03	0.44	168.62	319.87
2019	79.88	38.88	29.30	3.48	0.73	174.89	327.16
FY M2-Aug							
2016	77.49	28.15	23.47	6.43	0.34	162.85	298.73
2017	74.20	26.14	23.25	5.16	0.68	177.75	307.17
2018	93.49	36.45	21.54	1.58	0.73	185.63	339.42
2019	78.38	15.72	20.57	3.08	0.58	182.20	300.53
FY M3-Sep							
2016	78.20	24.52	28.56	5.76	0.58	151.60	289.22
2017	70.61	35.41	26.86	5.46	0.69	163.14	302.16
2018	87.39	34.56	20.96	4.14	0.64	165.20	312.88
2019	84.23	40.07	18.91	4.32	0.68	133.33	281.53
FY M4-Oct							
2016	87.22	32.74	21.65	7.61	0.60	159.21	309.02
2017	76.27	26.03	20.60	4.77	0.83	153.40	281.89
2018	100.01	31.86	23.78	4.48	0.64	161.39	322.16
2019	91.90	37.23	32.36	5.48	0.81	147.50	315.28
FY M5-Nov							
2016	61.66	26.42	23.44	5.87	0.58	145.48	263.45
2017	74.24	30.53	26.73	4.37	0.93	160.69	297.49
2018	92.74	33.46	20.12	4.16	0.57	174.54	325.59
2019	67.15	32.03	32.72	4.87	0.58	156.59	293.94
FY M6-Dec							
2016	65.56	28.62	26.09	5.38	0.49	174.48	300.61
2017	39.83	15.50	22.27	4.38	0.69	168.16	250.82
2018	54.22	18.04	26.98	3.46	0.59	138.96	242.24
2019	48.69	16.48	30.38	3.96	0.68	123.30	223.50
FY M7-Jan							
2016	44.05	20.09	24.93	4.29	0.58	143.10	237.05
2017	42.80	24.42	18.36	4.19	0.67	156.47	246.92
2018	43.33	17.97	20.17	2.26	0.58	142.87	227.19
2019	32.34	22.21	25.87	1.72	0.58	131.26	213.99
FY M8-Feb							
2016	34.03	16.91	19.64	0.35	0.58	130.23	201.74
2017	40.17	12.93	18.26	0.23	0.57	124.11	196.26
2018	55.11	14.70	16.41	0.60	0.43	132.82	220.07
2019	25.79	14.39	18.79	2.23	0.58	109.02	170.81
FY M9-Mar							
2016	61.08	19.33	20.08	5.61	0.38	154.86	261.33
2017	46.26	17.79	20.60	3.62	0.49	148.11	236.86
2018	53.64	17.65	20.74	3.21	0.58	144.39	240.22
2019	46.42	17.06	20.07	2.71	0.59	122.48	209.33
FY M10-Apr							
2016	68.74	31.45	20.32	5.47	0.38	143.83	270.19
2017	65.72	28.91	20.37	3.98	0.71	145.70	265.39
2018	68.54	29.38	18.51	0.82	0.52	147.54	265.32
FY M11-May							
2016	93.06	28.34	28.12	6.24	0.49	154.16	310.40
2017	91.66	39.13	24.26	5.10	0.69	174.53	335.37
2018	106.04	38.40	25.03	3.66	0.59	178.62	352.34
FY M12-Jun							
2016	83.69	37.64	22.67	5.68	0.58	170.22	320.48
2017	117.23	33.96	24.22	4.96	0.69	173.83	354.89
2018	73.88	31.84	19.48	4.65	0.84	169.61	300.30

City of Biddeford Transfer Station and Curbside Recycling Program



PACPTG-CS = paper, aluminum, cardboard, plastic, tin, glass from curbside collection

PACPTG-Xfer = paper, aluminum, cardboard, plastic, tin, glass from transfer station

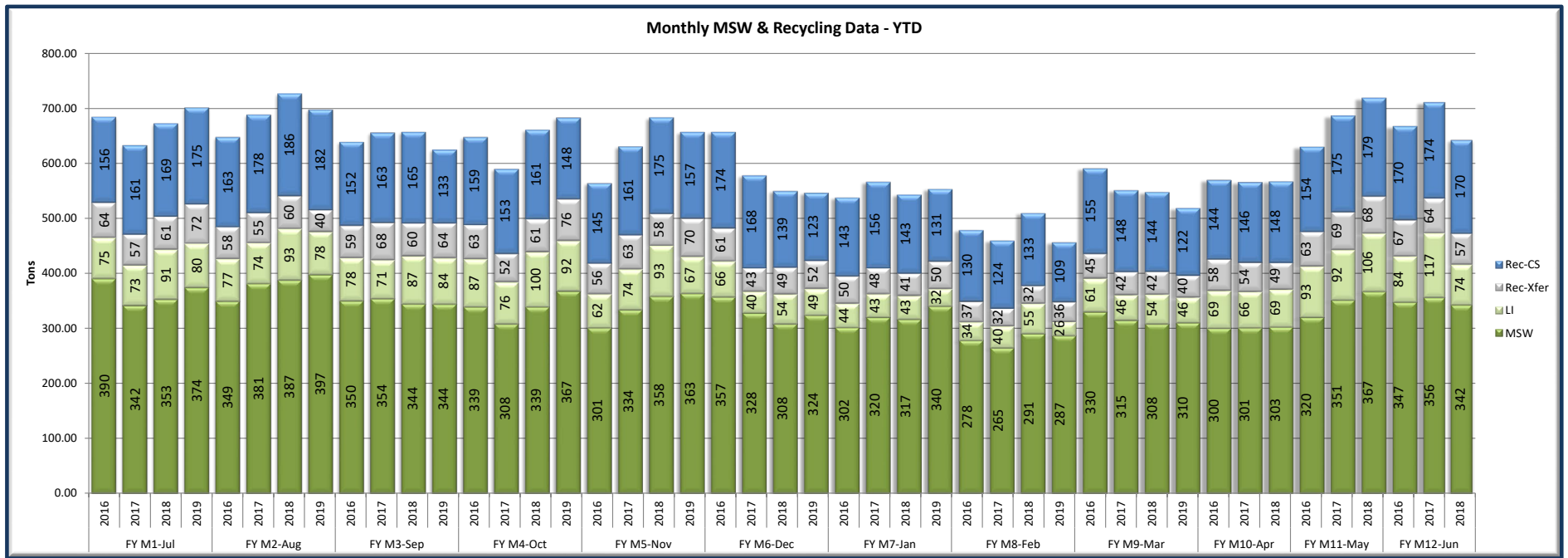
LI = large item

City of Biddeford Transfer Station and Curbside Recycling Program

Monthly MSW & Recycling Data

Sum of Tons	Column Labels				
Row Labels	MSW	LI Rec-Xfer	Rec-CS	Grand Total	
FY M1-Jul					
2016	390.14	74.74	64.02	155.51	684.41
2017	341.61	73.30	56.86	161.48	633.25
2018	352.62	90.58	60.67	168.62	672.49
2019	374.11	79.88	72.39	174.89	701.27
FY M2-Aug					
2016	348.99	77.49	58.39	162.85	647.72
2017	381.01	74.20	55.22	177.75	688.18
2018	387.23	93.49	60.30	185.63	726.65
2019	397.18	78.38	39.95	182.20	697.71
FY M3-Sep					
2016	350.01	78.20	59.42	151.60	639.23
2017	353.71	70.61	68.41	163.14	655.87
2018	344.15	87.39	60.29	165.20	657.03
2019	343.74	84.23	63.97	133.33	625.27
FY M4-Oct					
2016	338.86	87.22	62.59	159.21	647.88
2017	308.29	76.27	52.22	153.40	590.18
2018	338.82	100.01	60.76	161.39	660.98
2019	367.46	91.90	75.88	147.50	682.74
FY M5-Nov					
2016	301.21	61.66	56.31	145.48	564.66
2017	333.62	74.24	62.56	160.69	631.11
2018	357.76	92.74	58.31	174.54	683.35
2019	363.13	67.15	70.20	156.59	657.07
FY M6-Dec					
2016	356.64	65.56	60.57	174.48	657.25
2017	327.72	39.83	42.83	168.16	578.54
2018	308.32	54.22	49.06	138.96	550.56
2019	323.72	48.69	51.51	123.30	547.22
FY M7-Jan					
2016	301.60	44.05	49.90	143.10	538.65
2017	320.05	42.80	47.65	156.47	566.97
2018	316.59	43.33	40.99	142.87	543.78
2019	339.99	32.34	50.39	131.26	553.98
FY M8-Feb					
2016	278.12	34.03	37.48	130.23	479.86
2017	264.65	40.17	31.98	124.11	460.91
2018	290.60	55.11	32.14	132.82	510.67
2019	286.92	25.79	36.00	109.02	457.73
FY M9-Mar					
2016	330.09	61.08	45.39	154.86	591.42
2017	315.00	46.26	42.49	148.11	551.86
2018	308.37	53.64	42.19	144.39	548.59
2019	310.25	46.42	40.43	122.48	519.58
FY M10-Apr					
2016	300.24	68.74	57.62	143.83	570.43
2017	301.11	65.72	53.97	145.70	566.50
2018	302.57	68.54	49.24	147.54	567.89
FY M11-May					
2016	320.00	93.06	63.18	154.16	630.40
2017	351.15	91.66	69.18	174.53	686.52
2018	366.58	106.04	67.68	178.62	718.92
FY M12-Jun					
2016	347.26	83.69	66.57	170.22	667.74
2017	355.93	117.23	63.83	173.83	710.82
2018	342.32	73.88	56.81	169.61	642.62

City of Biddeford Transfer Station and Curbside Recycling Program



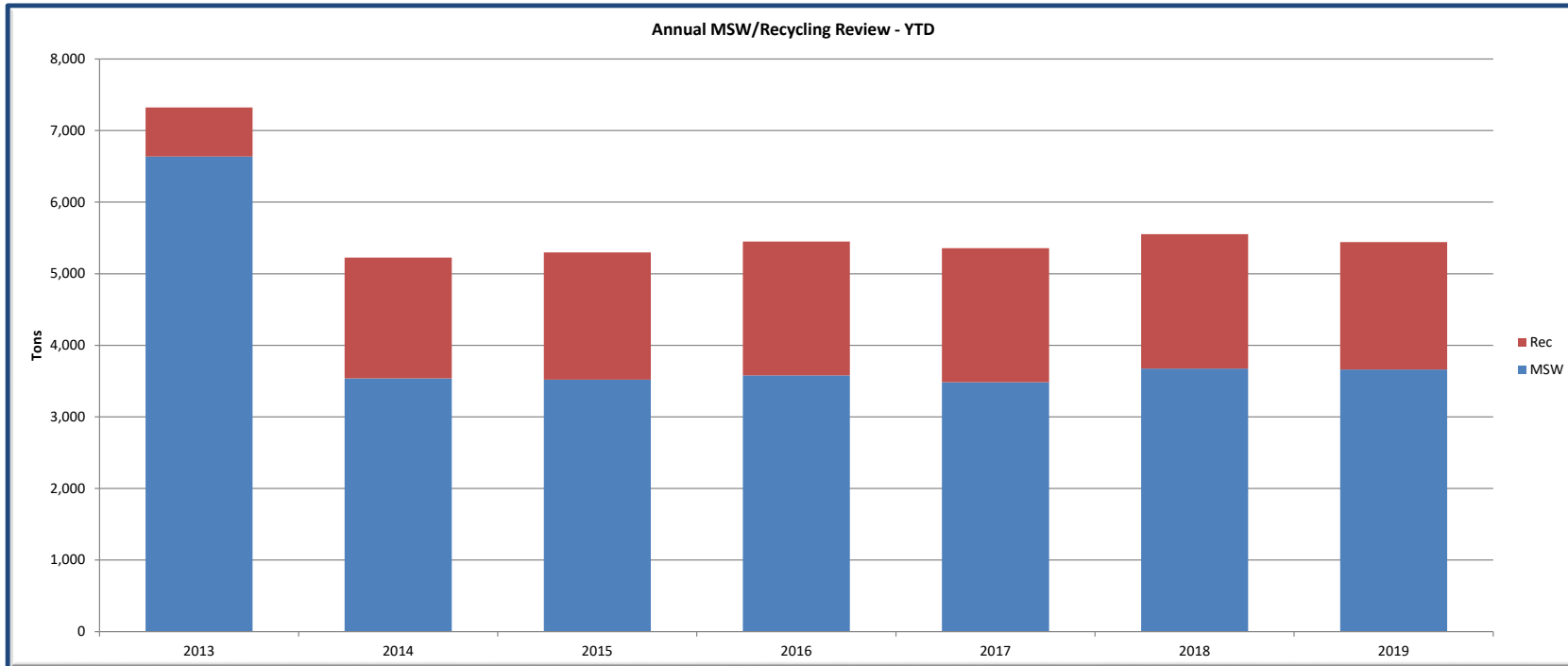
Rec-CS = recycling materials collected at curbside

Rec-Xfer = recycling materials collected at Biddeford Transfer Station

LI = large item

MSW = municipal solid waste

City of Biddeford Transfer Station and Curbside Recycling Program



Fiscal Month (Multiple Items)

Jul - Mar

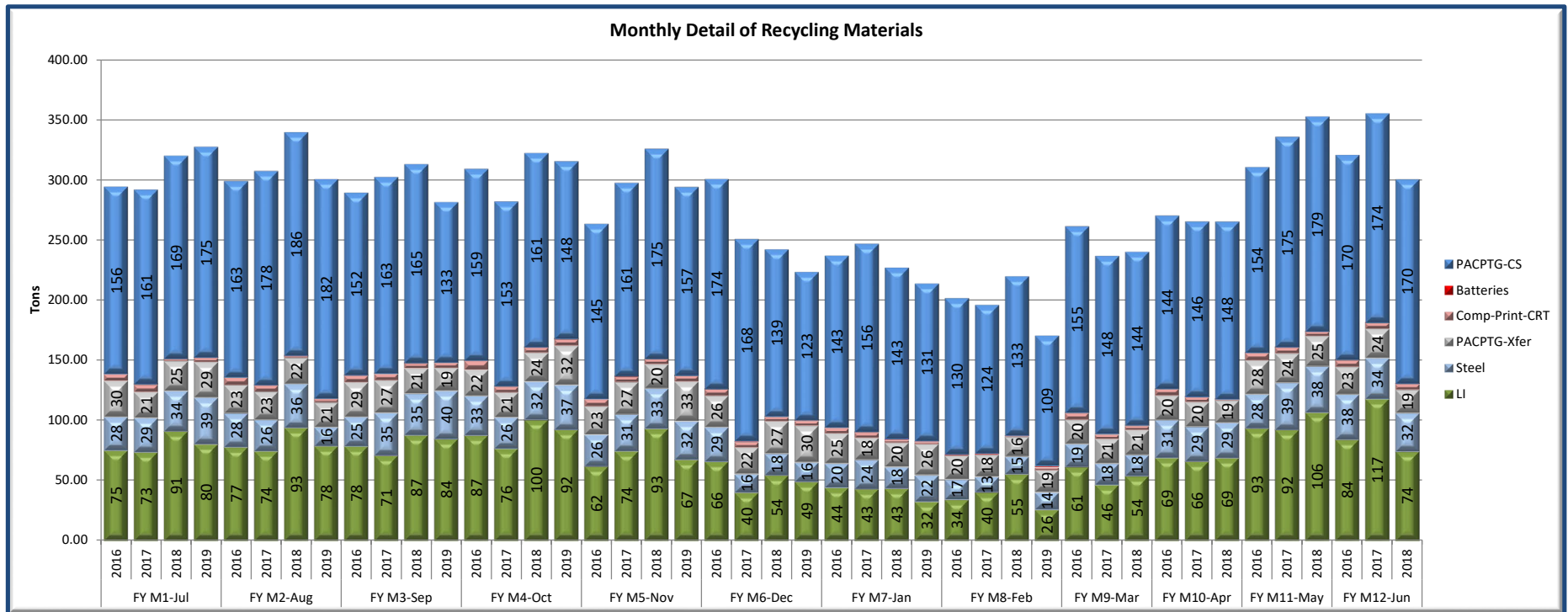
Sum of Tons	Column Labels			Recycling
Row Labels	MSW	Rec	Grand Total	Rate
2013	6,637	686	7,323	9.36%
2014	3,538	1,686	5,225	32.28%
2015	3,521	1,777	5,298	33.54%
2016	3,580	1,871	5,451	34.33%
2017	3,483	1,874	5,357	34.97%
2018	3,675	1,879	5,554	33.83%
2019	3,661	1,781	5,443	32.73%

City of Biddeford Transfer Station and Curbside Recycling Program

Monthly Detail of Recycling Materials

Sum of Tons	Column Labels						
Row Labels	LI	Steel	PACPTG-Xfer	Comp-Print-CRT	Batteries	PACPTG-CS	Grand Total
FY M1-Jul							
2016	74.74	28.05	29.74	5.57	0.66	155.51	294.27
2017	73.30	28.63	21.23	6.15	0.84	161.48	291.64
2018	90.58	33.62	24.58	2.03	0.44	168.62	319.87
2019	79.88	38.88	29.30	3.48	0.73	174.89	327.16
FY M2-Aug							
2016	77.49	28.15	23.47	6.43	0.34	162.85	298.73
2017	74.20	26.14	23.25	5.16	0.68	177.75	307.17
2018	93.49	36.45	21.54	1.58	0.73	185.63	339.42
2019	78.38	15.72	20.57	3.08	0.58	182.20	300.53
FY M3-Sep							
2016	78.20	24.52	28.56	5.76	0.58	151.60	289.22
2017	70.61	35.41	26.86	5.46	0.69	163.14	302.16
2018	87.39	34.56	20.96	4.14	0.64	165.20	312.88
2019	84.23	40.07	18.91	4.32	0.68	133.33	281.53
FY M4-Oct							
2016	87.22	32.74	21.65	7.61	0.60	159.21	309.02
2017	76.27	26.03	20.60	4.77	0.83	153.40	281.89
2018	100.01	31.86	23.78	4.48	0.64	161.39	322.16
2019	91.90	37.23	32.36	5.48	0.81	147.50	315.28
FY M5-Nov							
2016	61.66	26.42	23.44	5.87	0.58	145.48	263.45
2017	74.24	30.53	26.73	4.37	0.93	160.69	297.49
2018	92.74	33.46	20.12	4.16	0.57	174.54	325.59
2019	67.15	32.03	32.72	4.87	0.58	156.59	293.94
FY M6-Dec							
2016	65.56	28.62	26.09	5.38	0.49	174.48	300.61
2017	39.83	15.50	22.27	4.38	0.69	168.16	250.82
2018	54.22	18.04	26.98	3.46	0.59	138.96	242.24
2019	48.69	16.48	30.38	3.96	0.68	123.30	223.50
FY M7-Jan							
2016	44.05	20.09	24.93	4.29	0.58	143.10	237.05
2017	42.80	24.42	18.36	4.19	0.67	156.47	246.92
2018	43.33	17.97	20.17	2.26	0.58	142.87	227.19
2019	32.34	22.21	25.87	1.72	0.58	131.26	213.99
FY M8-Feb							
2016	34.03	16.91	19.64	0.35	0.58	130.23	201.74
2017	40.17	12.93	18.26	0.23	0.57	124.11	196.26
2018	55.11	14.70	16.41	0.60	0.43	132.82	220.07
2019	25.79	14.39	18.79	2.23	0.58	109.02	170.81
FY M9-Mar							
2016	61.08	19.33	20.08	5.61	0.38	154.86	261.33
2017	46.26	17.79	20.60	3.62	0.49	148.11	236.86
2018	53.64	17.65	20.74	3.21	0.58	144.39	240.22
FY M10-Apr							
2016	68.74	31.45	20.32	5.47	0.38	143.83	270.19
2017	65.72	28.91	20.37	3.98	0.71	145.70	265.39
2018	68.54	29.38	18.51	0.82	0.52	147.54	265.32
FY M11-May							
2016	93.06	28.34	28.12	6.24	0.49	154.16	310.40
2017	91.66	39.13	24.26	5.10	0.69	174.53	335.37
2018	106.04	38.40	25.03	3.66	0.59	178.62	352.34
FY M12-Jun							
2016	83.69	37.64	22.67	5.68	0.58	170.22	320.48
2017	117.23	33.96	24.22	4.96	0.69	173.83	354.89
2018	73.88	31.84	19.48	4.65	0.84	169.61	300.30

City of Biddeford Transfer Station and Curbside Recycling Program



PACPTG-CS = paper, aluminum, cardboard, plastic, tin, glass from curbside collection

PACPTG-Xfer = paper, aluminum, cardboard, plastic, tin, glass from transfer station

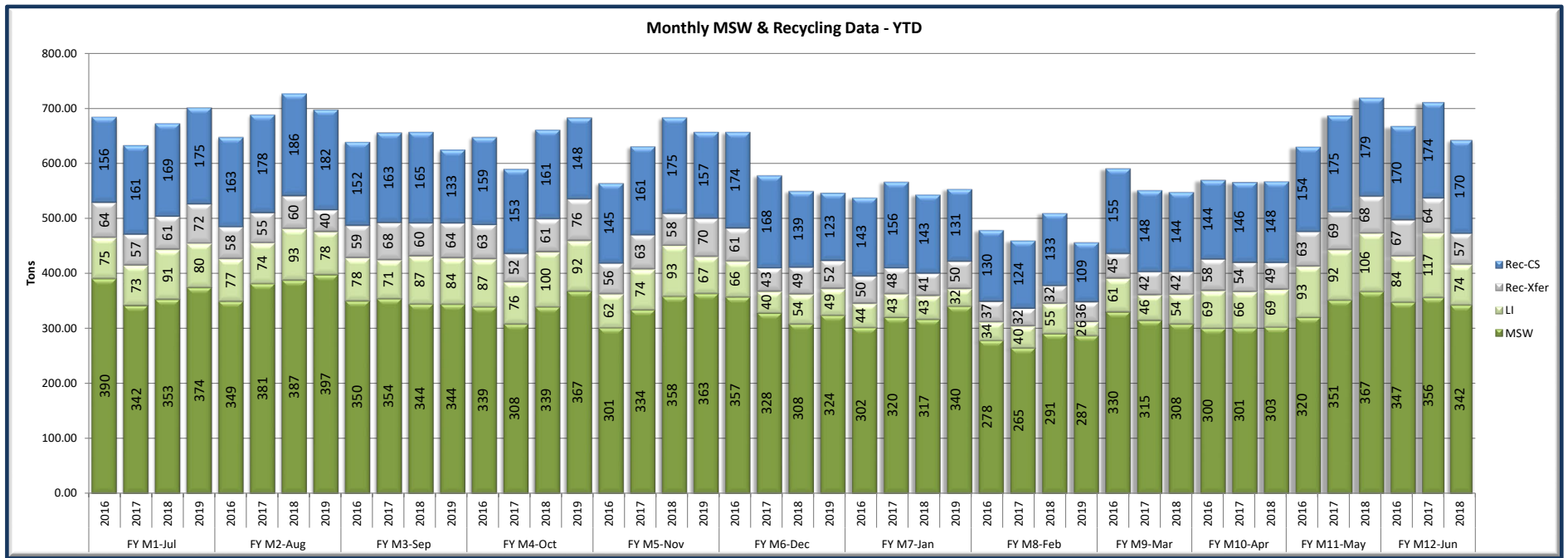
LI = large item

City of Biddeford Transfer Station and Curbside Recycling Program

Monthly MSW & Recycling Data

Sum of Tons	Column Labels				
Row Labels	MSW	LI Rec-Xfer	Rec-CS	Grand Total	
FY M1-Jul					
2016	390.14	74.74	64.02	155.51	684.41
2017	341.61	73.30	56.86	161.48	633.25
2018	352.62	90.58	60.67	168.62	672.49
2019	374.11	79.88	72.39	174.89	701.27
FY M2-Aug					
2016	348.99	77.49	58.39	162.85	647.72
2017	381.01	74.20	55.22	177.75	688.18
2018	387.23	93.49	60.30	185.63	726.65
2019	397.18	78.38	39.95	182.20	697.71
FY M3-Sep					
2016	350.01	78.20	59.42	151.60	639.23
2017	353.71	70.61	68.41	163.14	655.87
2018	344.15	87.39	60.29	165.20	657.03
2019	343.74	84.23	63.97	133.33	625.27
FY M4-Oct					
2016	338.86	87.22	62.59	159.21	647.88
2017	308.29	76.27	52.22	153.40	590.18
2018	338.82	100.01	60.76	161.39	660.98
2019	367.46	91.90	75.88	147.50	682.74
FY M5-Nov					
2016	301.21	61.66	56.31	145.48	564.66
2017	333.62	74.24	62.56	160.69	631.11
2018	357.76	92.74	58.31	174.54	683.35
2019	363.13	67.15	70.20	156.59	657.07
FY M6-Dec					
2016	356.64	65.56	60.57	174.48	657.25
2017	327.72	39.83	42.83	168.16	578.54
2018	308.32	54.22	49.06	138.96	550.56
2019	323.72	48.69	51.51	123.30	547.22
FY M7-Jan					
2016	301.60	44.05	49.90	143.10	538.65
2017	320.05	42.80	47.65	156.47	566.97
2018	316.59	43.33	40.99	142.87	543.78
2019	339.99	32.34	50.39	131.26	553.98
FY M8-Feb					
2016	278.12	34.03	37.48	130.23	479.86
2017	264.65	40.17	31.98	124.11	460.91
2018	290.60	55.11	32.14	132.82	510.67
2019	286.92	25.79	36.00	109.02	457.73
FY M9-Mar					
2016	330.09	61.08	45.39	154.86	591.42
2017	315.00	46.26	42.49	148.11	551.86
2018	308.37	53.64	42.19	144.39	548.59
FY M10-Apr					
2016	300.24	68.74	57.62	143.83	570.43
2017	301.11	65.72	53.97	145.70	566.50
2018	302.57	68.54	49.24	147.54	567.89
FY M11-May					
2016	320.00	93.06	63.18	154.16	630.40
2017	351.15	91.66	69.18	174.53	686.52
2018	366.58	106.04	67.68	178.62	718.92
FY M12-Jun					
2016	347.26	83.69	66.57	170.22	667.74
2017	355.93	117.23	63.83	173.83	710.82
2018	342.32	73.88	56.81	169.61	642.62

City of Biddeford Transfer Station and Curbside Recycling Program



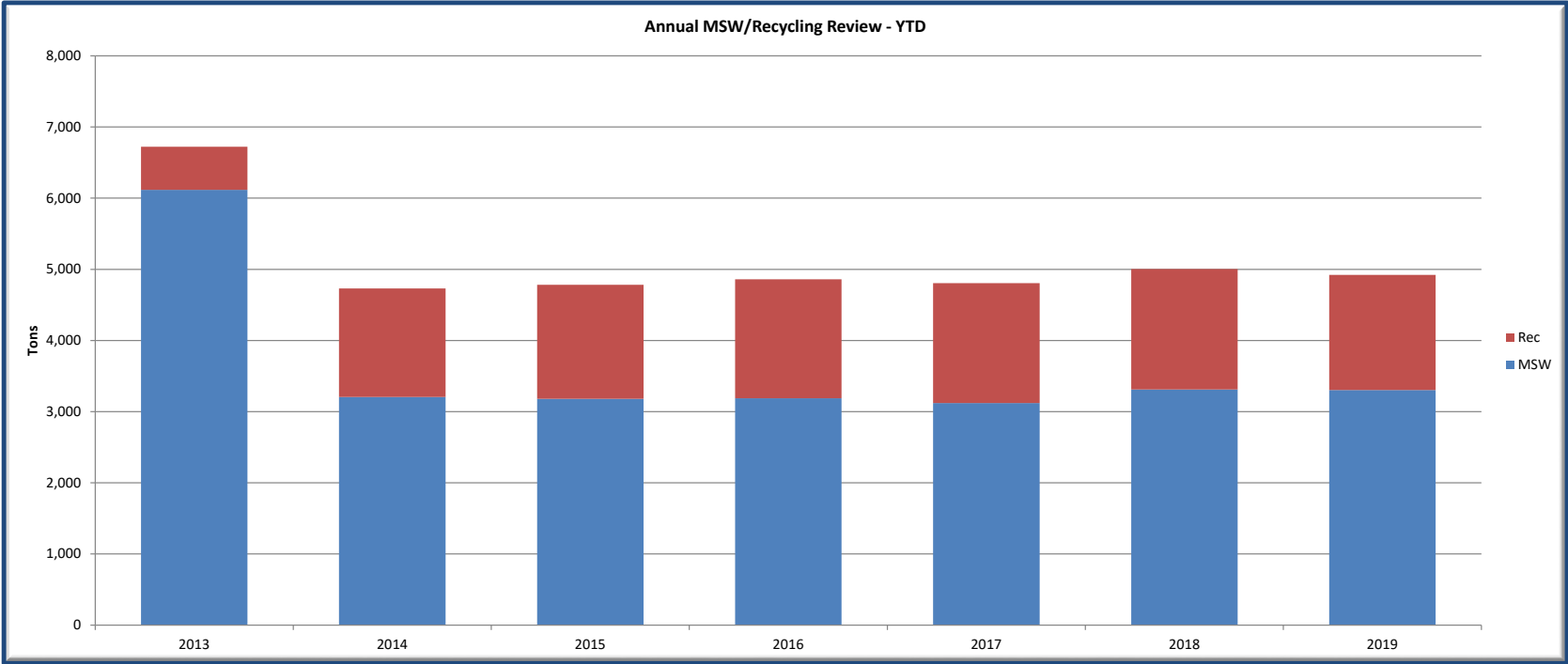
Rec-CS = recycling materials collected at curbside

Rec-Xfer = recycling materials collected at Biddeford Transfer Station

LI = large item

MSW = municipal solid waste

City of Biddeford Transfer Station and Curbside Recycling Program



Fiscal Month (Multiple Items)

Jul - Feb

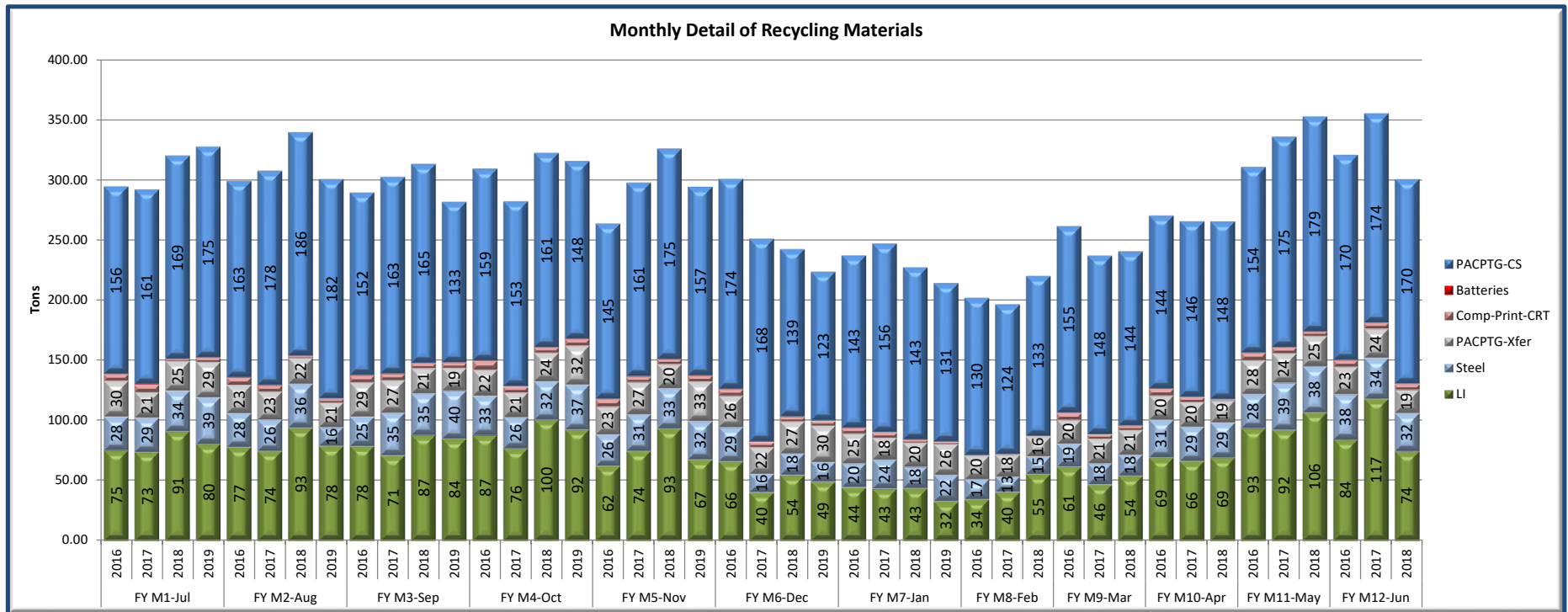
Sum of Tons	Column Labels			Recycling
Row Labels	MSW	Rec	Grand Total	Rate
2013	6,118	605	6,723	9.00%
2014	3,206	1,525	4,731	32.24%
2015	3,180	1,604	4,784	33.53%
2016	3,189	1,671	4,860	34.39%
2017	3,122	1,683	4,805	35.02%
2018	3,313	1,693	5,006	33.81%
2019	3,305	1,618	4,923	32.87%

City of Biddeford Transfer Station and Curbside Recycling Program

Monthly Detail of Recycling Materials

Sum of Tons	Column Labels						
Row Labels	LI	Steel	PACPTG-Xfer	Comp-Print-CRT	Batteries	PACPTG-CS	Grand Total
FY M1-Jul							
2016	74.74	28.05	29.74	5.57	0.66	155.51	294.27
2017	73.30	28.63	21.23	6.15	0.84	161.48	291.64
2018	90.58	33.62	24.58	2.03	0.44	168.62	319.87
2019	79.88	38.88	29.30	3.48	0.73	174.89	327.16
FY M2-Aug							
2016	77.49	28.15	23.47	6.43	0.34	162.85	298.73
2017	74.20	26.14	23.25	5.16	0.68	177.75	307.17
2018	93.49	36.45	21.54	1.58	0.73	185.63	339.42
2019	78.38	15.72	20.57	3.08	0.58	182.20	300.53
FY M3-Sep							
2016	78.20	24.52	28.56	5.76	0.58	151.60	289.22
2017	70.61	35.41	26.86	5.46	0.69	163.14	302.16
2018	87.39	34.56	20.96	4.14	0.64	165.20	312.88
2019	84.23	40.07	18.91	4.32	0.68	133.33	281.53
FY M4-Oct							
2016	87.22	32.74	21.65	7.61	0.60	159.21	309.02
2017	76.27	26.03	20.60	4.77	0.83	153.40	281.89
2018	100.01	31.86	23.78	4.48	0.64	161.39	322.16
2019	91.90	37.23	32.36	5.48	0.81	147.50	315.28
FY M5-Nov							
2016	61.66	26.42	23.44	5.87	0.58	145.48	263.45
2017	74.24	30.53	26.73	4.37	0.93	160.69	297.49
2018	92.74	33.46	20.12	4.16	0.57	174.54	325.59
2019	67.15	32.03	32.72	4.87	0.58	156.59	293.94
FY M6-Dec							
2016	65.56	28.62	26.09	5.38	0.49	174.48	300.61
2017	39.83	15.50	22.27	4.38	0.69	168.16	250.82
2018	54.22	18.04	26.98	3.46	0.59	138.96	242.24
2019	48.69	16.48	30.38	3.96	0.68	123.30	223.50
FY M7-Jan							
2016	44.05	20.09	24.93	4.29	0.58	143.10	237.05
2017	42.80	24.42	18.36	4.19	0.67	156.47	246.92
2018	43.33	17.97	20.17	2.26	0.58	142.87	227.19
2019	32.34	22.21	25.87	1.72	0.58	131.26	213.99
FY M8-Feb							
2016	34.03	16.91	19.64	0.35	0.58	130.23	201.74
2017	40.17	12.93	18.26	0.23	0.57	124.11	196.26
2018	55.11	14.70	16.41	0.60	0.43	132.82	220.07
FY M9-Mar							
2016	61.08	19.33	20.08	5.61	0.38	154.86	261.33
2017	46.26	17.79	20.60	3.62	0.49	148.11	236.86
2018	53.64	17.65	20.74	3.21	0.58	144.39	240.22
FY M10-Apr							
2016	68.74	31.45	20.32	5.47	0.38	143.83	270.19
2017	65.72	28.91	20.37	3.98	0.71	145.70	265.39
2018	68.54	29.38	18.51	0.82	0.52	147.54	265.32
FY M11-May							
2016	93.06	28.34	28.12	6.24	0.49	154.16	310.40
2017	91.66	39.13	24.26	5.10	0.69	174.53	335.37
2018	106.04	38.40	25.03	3.66	0.59	178.62	352.34
FY M12-Jun							
2016	83.69	37.64	22.67	5.68	0.58	170.22	320.48
2017	117.23	33.96	24.22	4.96	0.69	173.83	354.89
2018	73.88	31.84	19.48	4.65	0.84	169.61	300.30

City of Biddeford Transfer Station and Curbside Recycling Program



PACPTG-CS = paper, aluminum, cardboard, plastic, tin, glass from curbside collection

PACPTG-Xfer = paper, aluminum, cardboard, plastic, tin, glass from transfer station

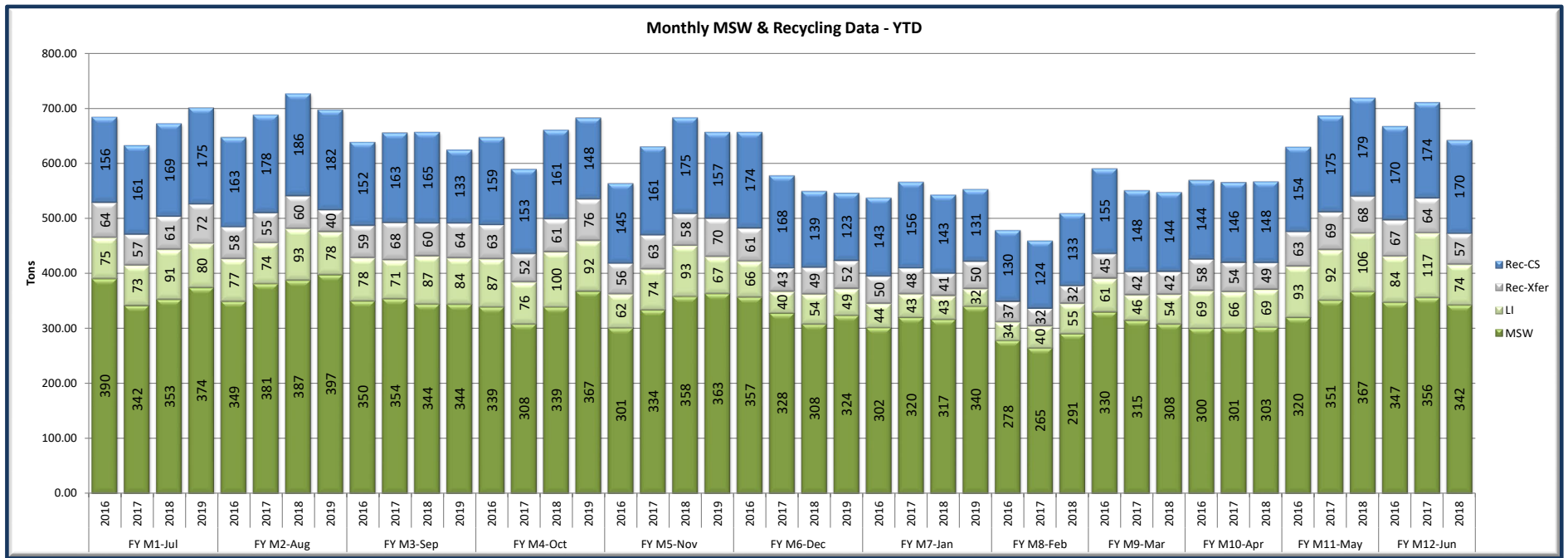
LI = large item

City of Biddeford Transfer Station and Curbside Recycling Program

Monthly MSW & Recycling Data

Sum of Tons	Column Labels				
Row Labels	MSW	LI Rec-Xfer	Rec-CS	Grand Total	
FY M1-Jul					
2016	390.14	74.74	64.02	155.51	684.41
2017	341.61	73.30	56.86	161.48	633.25
2018	352.62	90.58	60.67	168.62	672.49
2019	374.11	79.88	72.39	174.89	701.27
FY M2-Aug					
2016	348.99	77.49	58.39	162.85	647.72
2017	381.01	74.20	55.22	177.75	688.18
2018	387.23	93.49	60.30	185.63	726.65
2019	397.18	78.38	39.95	182.20	697.71
FY M3-Sep					
2016	350.01	78.20	59.42	151.60	639.23
2017	353.71	70.61	68.41	163.14	655.87
2018	344.15	87.39	60.29	165.20	657.03
2019	343.74	84.23	63.97	133.33	625.27
FY M4-Oct					
2016	338.86	87.22	62.59	159.21	647.88
2017	308.29	76.27	52.22	153.40	590.18
2018	338.82	100.01	60.76	161.39	660.98
2019	367.46	91.90	75.88	147.50	682.74
FY M5-Nov					
2016	301.21	61.66	56.31	145.48	564.66
2017	333.62	74.24	62.56	160.69	631.11
2018	357.76	92.74	58.31	174.54	683.35
2019	363.13	67.15	70.20	156.59	657.07
FY M6-Dec					
2016	356.64	65.56	60.57	174.48	657.25
2017	327.72	39.83	42.83	168.16	578.54
2018	308.32	54.22	49.06	138.96	550.56
2019	323.72	48.69	51.51	123.30	547.22
FY M7-Jan					
2016	301.60	44.05	49.90	143.10	538.65
2017	320.05	42.80	47.65	156.47	566.97
2018	316.59	43.33	40.99	142.87	543.78
2019	339.99	32.34	50.39	131.26	553.98
FY M8-Feb					
2016	278.12	34.03	37.48	130.23	479.86
2017	264.65	40.17	31.98	124.11	460.91
2018	290.60	55.11	32.14	132.82	510.67
FY M9-Mar					
2016	330.09	61.08	45.39	154.86	591.42
2017	315.00	46.26	42.49	148.11	551.86
2018	308.37	53.64	42.19	144.39	548.59
FY M10-Apr					
2016	300.24	68.74	57.62	143.83	570.43
2017	301.11	65.72	53.97	145.70	566.50
2018	302.57	68.54	49.24	147.54	567.89
FY M11-May					
2016	320.00	93.06	63.18	154.16	630.40
2017	351.15	91.66	69.18	174.53	686.52
2018	366.58	106.04	67.68	178.62	718.92
FY M12-Jun					
2016	347.26	83.69	66.57	170.22	667.74
2017	355.93	117.23	63.83	173.83	710.82
2018	342.32	73.88	56.81	169.61	642.62

City of Biddeford Transfer Station and Curbside Recycling Program



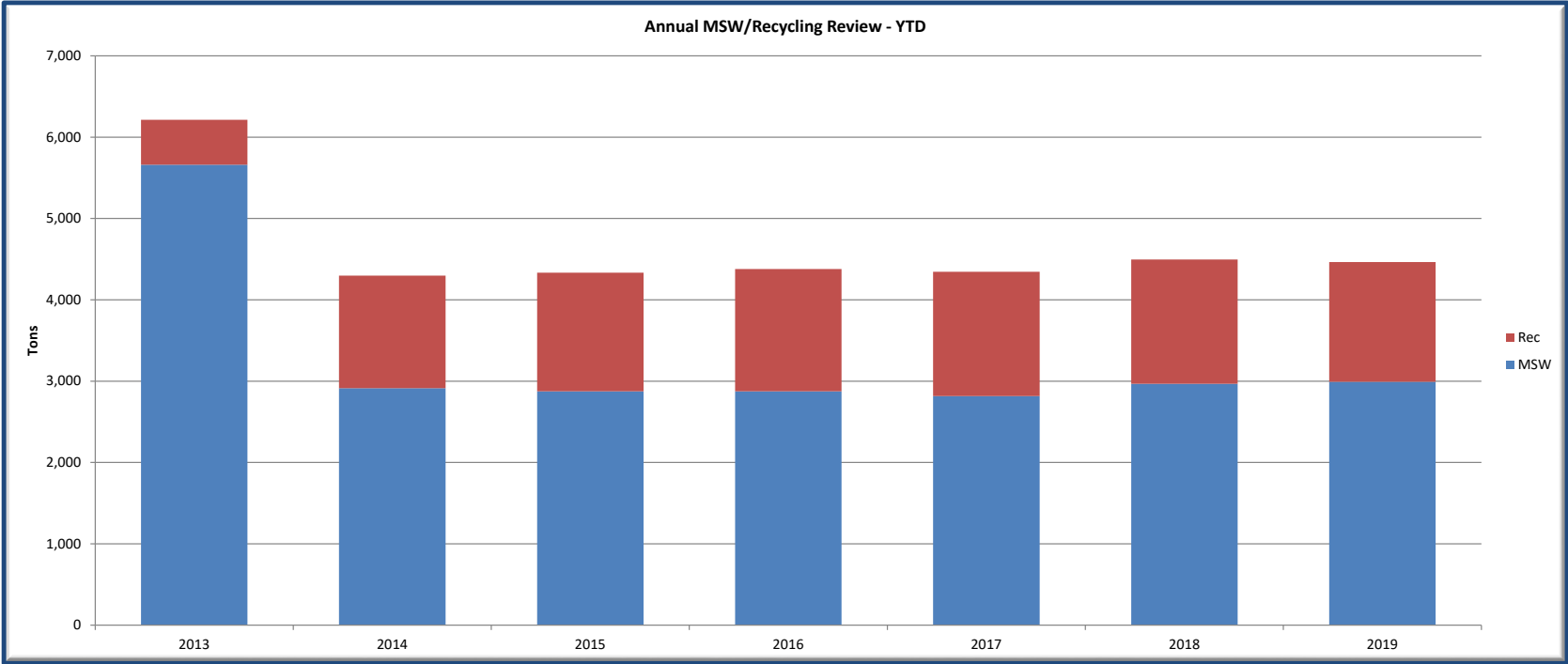
Rec-CS = recycling materials collected at curbside

Rec-Xfer = recycling materials collected at Biddeford Transfer Station

LI = large item

MSW = municipal solid waste

City of Biddeford Transfer Station and Curbside Recycling Program



Fiscal Month (Multiple Items)

Jul - Jan

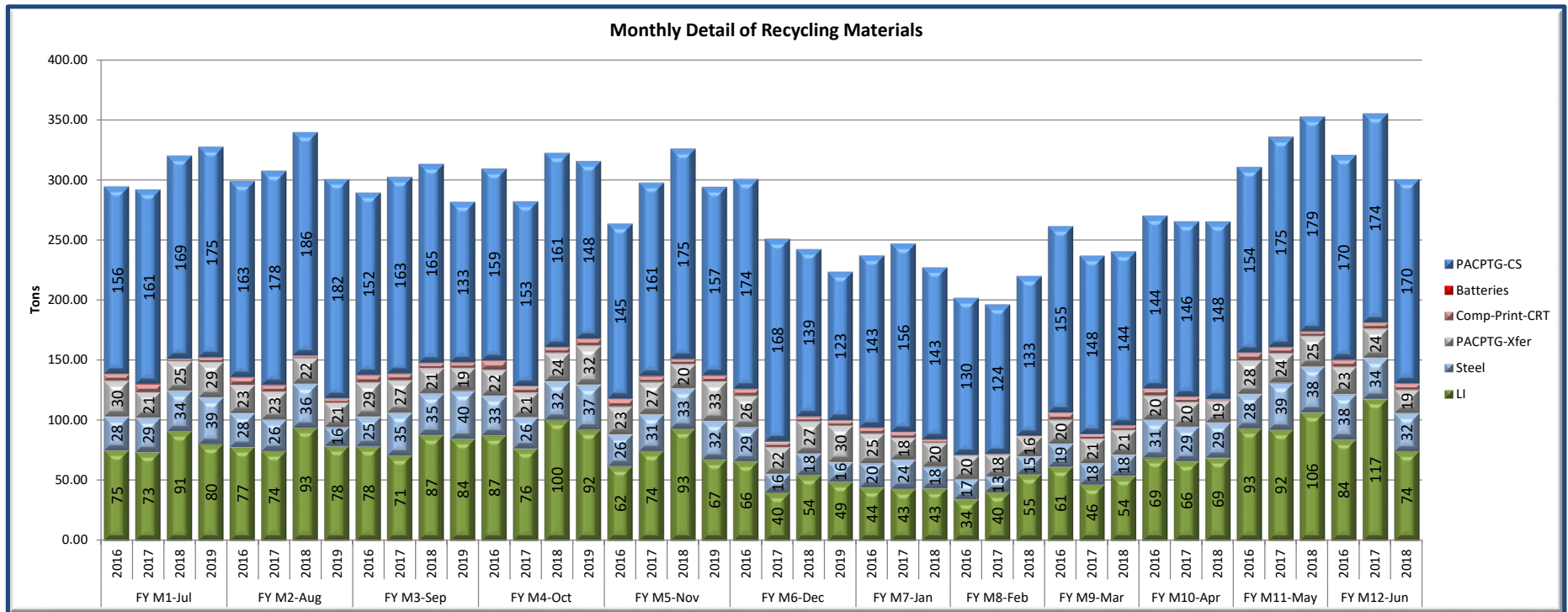
Sum of Tons	Column Labels			Recycling
Row Labels	MSW	Rec	Grand Total	Rate
2013	5,661	552	6,213	8.89%
2014	2,914	1,383	4,297	32.19%
2015	2,874	1,459	4,334	33.67%
2016	2,876	1,503	4,380	34.33%
2017	2,817	1,527	4,344	35.15%
2018	2,967	1,528	4,495	33.99%
2019	2,992	1,473	4,465	33.00%

City of Biddeford Transfer Station and Curbside Recycling Program

Monthly Detail of Recycling Materials

Sum of Tons	Column Labels						
Row Labels	LI	Steel	PACPTG-Xfer	Comp-Print-CRT	Batteries	PACPTG-CS	Grand Total
FY M1-Jul							
2016	74.74	28.05	29.74	5.57	0.66	155.51	294.27
2017	73.30	28.63	21.23	6.15	0.84	161.48	291.64
2018	90.58	33.62	24.58	2.03	0.44	168.62	319.87
2019	79.88	38.88	29.30	3.48	0.73	174.89	327.16
FY M2-Aug							
2016	77.49	28.15	23.47	6.43	0.34	162.85	298.73
2017	74.20	26.14	23.25	5.16	0.68	177.75	307.17
2018	93.49	36.45	21.54	1.58	0.73	185.63	339.42
2019	78.38	15.72	20.57	3.08	0.58	182.20	300.53
FY M3-Sep							
2016	78.20	24.52	28.56	5.76	0.58	151.60	289.22
2017	70.61	35.41	26.86	5.46	0.69	163.14	302.16
2018	87.39	34.56	20.96	4.14	0.64	165.20	312.88
2019	84.23	40.07	18.91	4.32	0.68	133.33	281.53
FY M4-Oct							
2016	87.22	32.74	21.65	7.61	0.60	159.21	309.02
2017	76.27	26.03	20.60	4.77	0.83	153.40	281.89
2018	100.01	31.86	23.78	4.48	0.64	161.39	322.16
2019	91.90	37.23	32.36	5.48	0.81	147.50	315.28
FY M5-Nov							
2016	61.66	26.42	23.44	5.87	0.58	145.48	263.45
2017	74.24	30.53	26.73	4.37	0.93	160.69	297.49
2018	92.74	33.46	20.12	4.16	0.57	174.54	325.59
2019	67.15	32.03	32.72	4.87	0.58	156.59	293.94
FY M6-Dec							
2016	65.56	28.62	26.09	5.38	0.49	174.48	300.61
2017	39.83	15.50	22.27	4.38	0.69	168.16	250.82
2018	54.22	18.04	26.98	3.46	0.59	138.96	242.24
2019	48.69	16.48	30.38	3.96	0.68	123.30	223.50
FY M7-Jan							
2016	44.05	20.09	24.93	4.29	0.58	143.10	237.05
2017	42.80	24.42	18.36	4.19	0.67	156.47	246.92
2018	43.33	17.97	20.17	2.26	0.58	142.87	227.19
FY M8-Feb							
2016	34.03	16.91	19.64	0.35	0.58	130.23	201.74
2017	40.17	12.93	18.26	0.23	0.57	124.11	196.26
2018	55.11	14.70	16.41	0.60	0.43	132.82	220.07
FY M9-Mar							
2016	61.08	19.33	20.08	5.61	0.38	154.86	261.33
2017	46.26	17.79	20.60	3.62	0.49	148.11	236.86
2018	53.64	17.65	20.74	3.21	0.58	144.39	240.22
FY M10-Apr							
2016	68.74	31.45	20.32	5.47	0.38	143.83	270.19
2017	65.72	28.91	20.37	3.98	0.71	145.70	265.39
2018	68.54	29.38	18.51	0.82	0.52	147.54	265.32
FY M11-May							
2016	93.06	28.34	28.12	6.24	0.49	154.16	310.40
2017	91.66	39.13	24.26	5.10	0.69	174.53	335.37
2018	106.04	38.40	25.03	3.66	0.59	178.62	352.34
FY M12-Jun							
2016	83.69	37.64	22.67	5.68	0.58	170.22	320.48
2017	117.23	33.96	24.22	4.96	0.69	173.83	354.89
2018	73.88	31.84	19.48	4.65	0.84	169.61	300.30

City of Biddeford Transfer Station and Curbside Recycling Program



PACPTG-CS = paper, aluminum, cardboard, plastic, tin, glass from curbside collection

PACPTG-Xfer = paper, aluminum, cardboard, plastic, tin, glass from transfer station

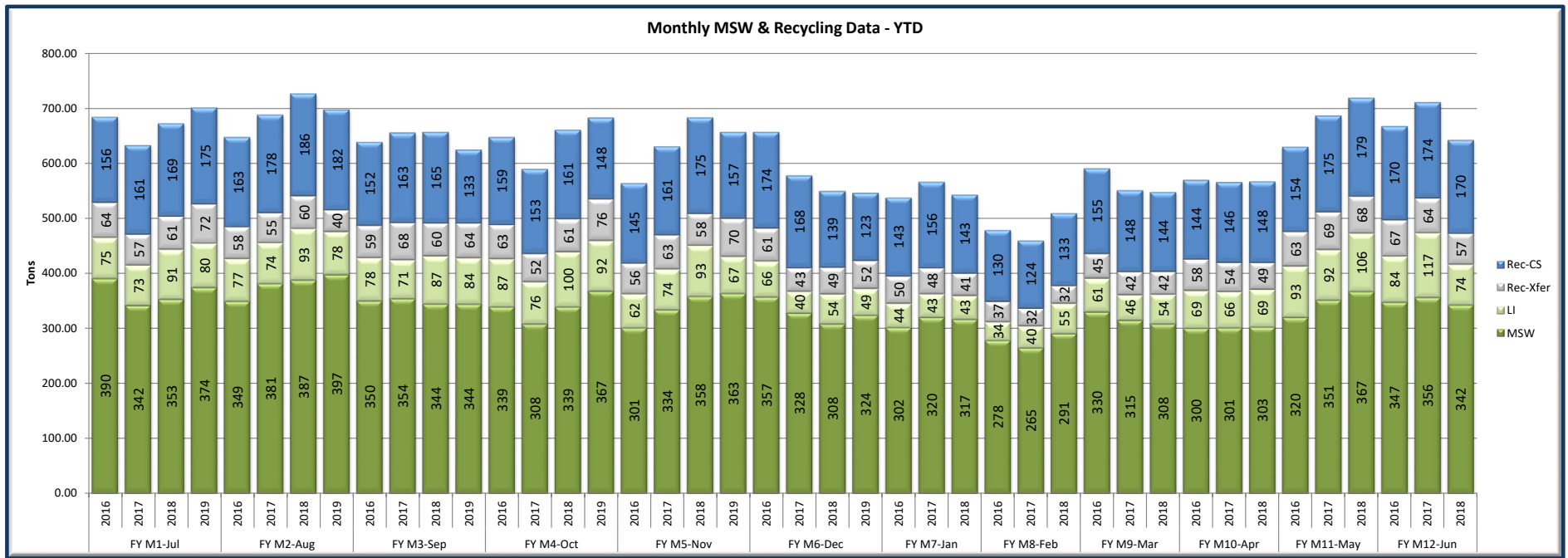
LI = large item

City of Biddeford Transfer Station and Curbside Recycling Program

Monthly MSW & Recycling Data

Sum of Tons	Column Labels				
Row Labels	MSW	LI Rec-Xfer	Rec-CS	Grand Total	
FY M1-Jul					
2016	390.14	74.74	64.02	155.51	684.41
2017	341.61	73.30	56.86	161.48	633.25
2018	352.62	90.58	60.67	168.62	672.49
2019	374.11	79.88	72.39	174.89	701.27
FY M2-Aug					
2016	348.99	77.49	58.39	162.85	647.72
2017	381.01	74.20	55.22	177.75	688.18
2018	387.23	93.49	60.30	185.63	726.65
2019	397.18	78.38	39.95	182.20	697.71
FY M3-Sep					
2016	350.01	78.20	59.42	151.60	639.23
2017	353.71	70.61	68.41	163.14	655.87
2018	344.15	87.39	60.29	165.20	657.03
2019	343.74	84.23	63.97	133.33	625.27
FY M4-Oct					
2016	338.86	87.22	62.59	159.21	647.88
2017	308.29	76.27	52.22	153.40	590.18
2018	338.82	100.01	60.76	161.39	660.98
2019	367.46	91.90	75.88	147.50	682.74
FY M5-Nov					
2016	301.21	61.66	56.31	145.48	564.66
2017	333.62	74.24	62.56	160.69	631.11
2018	357.76	92.74	58.31	174.54	683.35
2019	363.13	67.15	70.20	156.59	657.07
FY M6-Dec					
2016	356.64	65.56	60.57	174.48	657.25
2017	327.72	39.83	42.83	168.16	578.54
2018	308.32	54.22	49.06	138.96	550.56
2019	323.72	48.69	51.51	123.30	547.22
FY M7-Jan					
2016	301.60	44.05	49.90	143.10	538.65
2017	320.05	42.80	47.65	156.47	566.97
2018	316.59	43.33	40.99	142.87	543.78
FY M8-Feb					
2016	278.12	34.03	37.48	130.23	479.86
2017	264.65	40.17	31.98	124.11	460.91
2018	290.60	55.11	32.14	132.82	510.67
FY M9-Mar					
2016	330.09	61.08	45.39	154.86	591.42
2017	315.00	46.26	42.49	148.11	551.86
2018	308.37	53.64	42.19	144.39	548.59
FY M10-Apr					
2016	300.24	68.74	57.62	143.83	570.43
2017	301.11	65.72	53.97	145.70	566.50
2018	302.57	68.54	49.24	147.54	567.89
FY M11-May					
2016	320.00	93.06	63.18	154.16	630.40
2017	351.15	91.66	69.18	174.53	686.52
2018	366.58	106.04	67.68	178.62	718.92
FY M12-Jun					
2016	347.26	83.69	66.57	170.22	667.74
2017	355.93	117.23	63.83	173.83	710.82
2018	342.32	73.88	56.81	169.61	642.62

City of Biddeford Transfer Station and Curbside Recycling Program



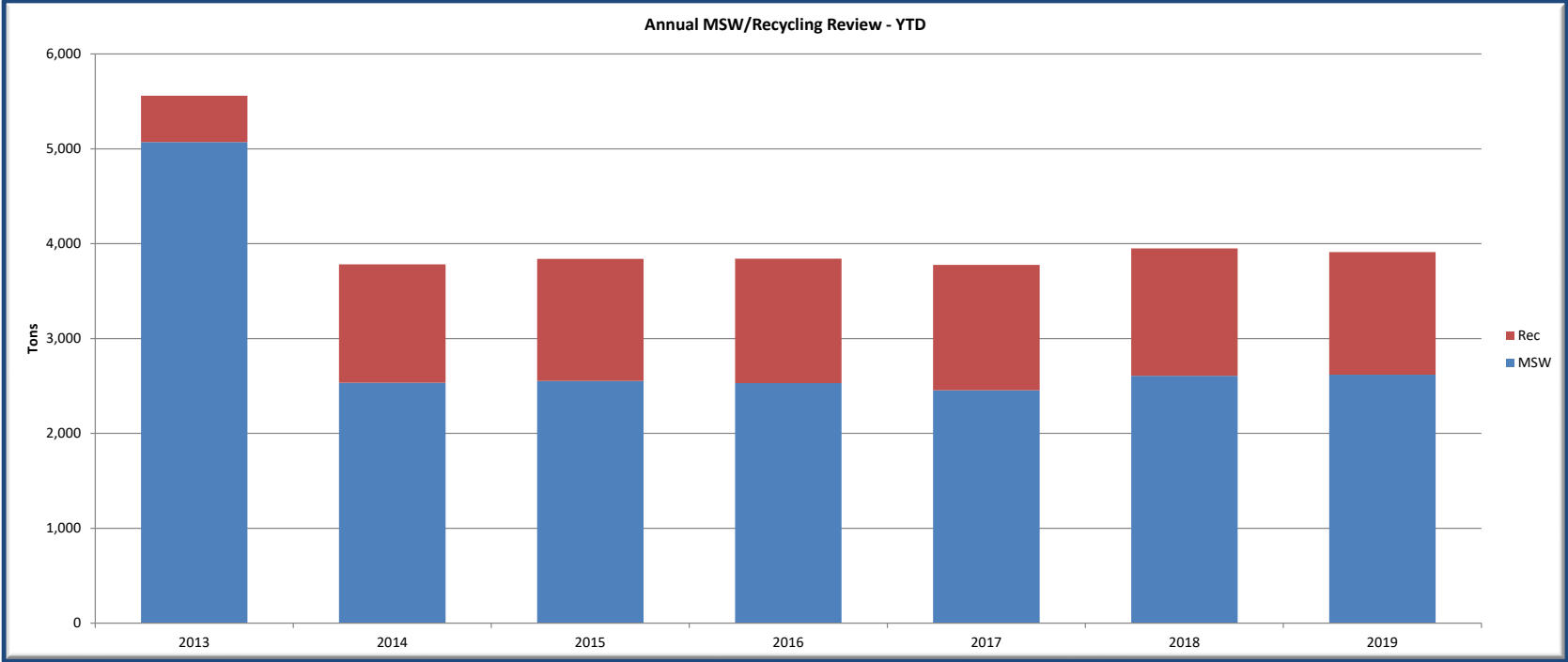
Rec-CS = recycling materials collected at curbside

Rec-Xfer = recycling materials collected at Biddeford Transfer Station

LI = large item

MSW = municipal solid waste

City of Biddeford Transfer Station and Curbside Recycling Program



Fiscal Month (Multiple Items)

Jul - Dec

Sum of Tons	Column Labels			Recycling
Row Labels	MSW	Rec	Grand Total	Rate
2013	5,072	488	5,560	8.78%
2014	2,534	1,248	3,781	33.00%
2015	2,554	1,287	3,841	33.50%
2016	2,531	1,310	3,841	34.12%
2017	2,454	1,323	3,777	35.02%
2018	2,607	1,344	3,951	34.01%
2019	2,620	1,292	3,911	33.03%