

Elsen, Nikki

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Sent: Thursday, March 7, 2019 1:07 PM
To: ZZ Council Members
Cc: Elsen, Nikki
Subject: Refuse & Recycling Collection and Processing
Attachments: Recycling program changes - 1-18-19.pdf; Member update on China - 1-18-2019.pdf

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Dear Common Council,

Thank you for the opportunity to serve the City of La Crosse. We are proud to be part of the City of La Crosse refuse & recycling program that is among the most sustainable programs in the state of Wisconsin, and we are proud to provide top level service at an exceptional value. When proposals were received for the current contract Harter's was the lowest bidder by a margin of more than 11%. This significant low bid margin has saved the city more than \$640,000 from the beginning of the contract to date and will save the city more than \$1,800,000 over the life of the contract. Since the beginning of the current contract costs for trash collection and recycling processing have increased substantially and at a much greater rate than general inflation for all items. For example from December 2017 to December 2018 the CPI-U for all items was 1.9% while the CPI-U for Garbage and Trash Collection was 7.1%. All around rates for trash & recycling collection processing rates are increasing substantially while the City of La Crosse rate is not. The city is receiving an exceptional value under the terms of the current contract.

I also attached recent updates from The National Waste & Recycling Association providing some facts describing the impacts of China's policies limiting imported recycled material and program changes that are occurring as a result of China's policies. We are very proud that our Material Recovery Facility right here in the City of La Crosse is overcoming odds by maximizing recovery rates, operating strongly & sustainably, and remaining poised for growth all without increasing fees. We are especially proud to do this at a time when most other recycling programs across the country are moving in the other direction reducing recovery, raising fees, and in some cases flat out shutting down programs all together due to municipalities and counties not being able to pay for significantly increased fees or simply not having an option after local or regional recycling facilities have shut down.

Harter's is proud to be locally owned, operated, and headquartered in the heart of the City of La Crosse. Harter's is the only company set up to directly serve and support the service of the City of La Crosse contract from within the heart of the city. Harter's accountants, receptionists, clerks, sales/ account management, and other administrative and support staff work right in the heart of the City of La Crosse. Harter's also provides refuse and recycling service outside of the La Crosse area serving more than 115,000 households and customers throughout the state of Wisconsin and Minnesota from five separate locations. Shops in Wittenberg, Seymour, Ringle, and Steven's Point, WI provide service to the Counties of Brown, Marathon, Kewaunee, Oconto, Outagamie, Portage, Shawano, Waupaca, and Winnebago. All Harter's service locations are supported by staff from the headquarters in La Crosse.

Harter's is the only company with a single stream Material Recovery Facility in the region. The Harter's Green Circle Recycling facility employs 29 people in the heart of the city. The supermajority of these coworkers are residents of the City of La Crosse. Many are able to walk or bike to work. All have a very short commute. This is a regional facility that has grown from one person loading and hauling the recyclable material out of the area.

Jobs in the Green Circle Recycling plant have become increasingly skilled and technical over the past five years. Significant investments have been made into automated processing and handling equipment requiring skilled

technicians to install, maintain, and operate equipment. This has resulted in an abundance of training opportunities for co-workers at Harter's and Green Circle Recycling. While constantly converting entry level jobs to skilled trade positions Harter's and Green Circle Recycling continue to train technicians, welders, equipment operators, professional CDL drivers and more while also paying for continuing education and advanced training for coworkers.

Green Circle Recycling has uninterruptedly been in the process of upgrading the recycling plant since the day of commencing operations in 2014; and the process of planning for and installing new equipment into the facility has continued without break. The Harter's recycling plant has employed a minimum of two (FTE) technicians for the past two years dedicated to installing new equipment.

Green Circle Recycling is currently finishing up a larger scale optical sorter installation. Some smaller projects are lined up through the remainder of 2019. Green Circle Recycling would like to start planning for 2020 projects. Facility upgrades require an adequate annual volume of material over a minimum time period to justify equipment purchases and installation expenses.

We're proud to be part of the City of La Crosse refuse & recycling program, and we are proud to continue making investments into our coworkers and our facility to improve the recycling infrastructure within the City of La Crosse. We look forward to the continuance and expansion of the sustainable recycling practices taking place in the City of La Crosse and the opportunity to continue providing top level service to the residents of the City of La Crosse, the top level service that residents of La Crosse and all of our customers are accustomed to!

Thank you again for the opportunity to serve the City of La Crosse. Should you have any questions, comments, or feedback please feel free to contact me at any time.

Thank you again for your consideration!

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National Waste & Recycling AssociationSM

Collect. Recycle. Innovate.

Recycling Program Changes – Ongoing through January 18, 2019

Overview

NWRA members are seeing the impacts of China's policies limiting imported recyclables. Numerous programs across the country are making programmatic changes. Here is a sampling of some of the changes.

Discussion

- **Programmatic changes.** Communities are focused on improving recycling quality and changing what is acceptable.
 - The City of Austin identified the following common contaminants: garden hoses, plastic foam, pizza boxes, and syringes.
 - The Stark-Tuscarawas-Wayne Joint Solid Waste Management District in Ohio also mentions food contaminated pizza boxes as well as plastic bags, partially filled bottles and cans as well as garden hoses and window pane glass.
 - Rogue Disposal in Southern Oregon dropped glass from curbside. Instead it is being redirected to drop-off locations. Rogue now only accepts four items: OCC, metal cans, milk jug style containers and ONP.
 - Brookline, Massachusetts residents received reminders through OOPS! Stickers passed out in their carts when volunteers peered into bins to determine whether the public was throwing trash into their recycling bins.
 - Wyckoff, NJ switched to dual stream recycling with every other week collection alternating between fiber and container streams.
 - Bosque Farms, NM was informed by their contractor AC Disposal that the local MRF will no longer accept their single-stream leading to a suspension of recycling services. Recycling will now be limited to a drop-off location where material will be required to be segregated. AC Disposal has reached out to three facilities in Albuquerque but does not know when they will begin accepting materials again.
 - Due to increases in the cost of recycling, Republic Services has increased rates to customers in Indianapolis by as much as 100%.
 - In Connecticut, Housatonic Resources Recovery Authority contracts for recycling with 11-member towns has seen tip fees for recyclables go from \$10/ton four years ago to \$25/ton two years ago to \$40/ton earlier this year. Commodity rebates from Winter Brothers have also declined.
 - Ecomaine has sent two bills totaling \$5500 to the town of Sanford, ME as a penalty for 25% contamination. Penalties could reach \$100,000/year. Waterboro, ME is considering removing its unmanned drop-off location due to contamination. Along

with Casella Waste Systems, these communities are focused on improving education.

- Andover, MA will modify what will be acceptable in the recycling stream in the near future. They plan on removing pizza boxes, shredded paper and #6 plastics. An updated list is expected by the end of July.
- Deerfield Beach and Sunrise, FL residents' recycling will not be sent to either the landfill or WTE after the cities did not replace the previous contracts. Recyclables in Florida that are sent to the WTE facility will "count as recycling" due to electricity generation. Deerfield Beach will cease curbside collection after the City Commission did not approve a new recycling contract with WM after the previous one expired on July 2nd. The processing costs were anticipated to rise to \$96/ton from the previous \$51/ton. Coupled with a potential fee for contamination, the city was facing a price increase of \$400,000 annually. Deerfield Beach will resume recycling services on September 3rd but, depending on contamination may drop commercial and multi-family recycling in the future.
- Lincolnton, NC stopped recycling June 15th because Sonoco could not find a home for the material. Mecklenburg County's contractor, Republic Services, now gives away bales of material or even pays to get rid of them leading officials to say that the economics of recycling is "broken" with recycling costing \$70/ton with a potential to rise to \$90/ton whereas disposal only costs \$33/ton. To manage contamination, the 35 ton/hour MRF operates at only 25 tons/hour with plastic bags as the "bane" of recycling.
- Westfield, NJ announced that new guidelines for recycling eliminating #3-#7 plastic by the end of the year and immediately banning plastic bags and shredded paper.
- Washington, DC Director of Public Works, Christopher Shorter, said that it used to be cheaper to recycle material, but now that has changed. The city wants to better educate the residents and is considering other options including a third cart for organics and pay-as-you-throw.
- Monterey Regional Waste Management District in California will no longer accept plastic bags for recycling beginning August 1st.
- Jefferson County, WA contractor Skookum's broker has stopped accepted mixed paper and commingled tin/aluminum and plastic bales.
- Arab, AL rejected a request by Republic to increase rates but will be looking to educate the public about contamination by putting out flyers on what is recyclable.
- Latah County, ID commissioners are considering whether to drop glass and plastic from their recycling drop-off program because recycling costs of \$130/ton now exceed landfilling costs of \$85/ton.
- Johnson County Recycling District, IN will end its dropoff recycling program on July 31st due to rising costs.
- Mt. Lebanon, PA residents and neighboring South Hills Area Council of Governments will no longer be able to recycle glass or #3-7 plastics. Rejected recyclables will result in fines of \$150 beginning in 2020.
- Sierra Vista, AZ has limited recycling to metal food and beverage cans, #1 & 2 plastic and OCC. They have also increased their collection fees by 15%.

- Franklin, NH is sending recyclables to the waste-to-energy facility. They are maintaining the recycling carts to encourage residents to stay in the “recycling habit” in hopes that the market will turn around. The cost to get rid of recyclables is \$129/ton up from previously being paid \$20/ton and much greater than the \$68/ton for disposal.
- Lincoln County, NM will no longer accept mixed paper or paperboard at its drop-off sites.
- Fort Edward, NY is sending recyclables to the waste-to-energy facility after deciding not to pay the \$120/ton fee to drop off material at County Waste’s recycling facility. The state Department of Environmental Conservation is working with the town on their recycling. The state recognizes the challenges and is promoting “when in doubt, keep it out” but did also say that state law requires communities to separate recyclables when markets exist.
- Fitchburg, MA is paying Waste Management more than \$40/ton to tip their recycling.
- Worcester, MA is paying Casella more than \$25/ton to tip.
- Weber County School District, UT has eliminated their recycling dumpsters due to costs.
- Laconia, NH adopted the motto, “glass is trash” in May.
- Frederick County, VA has been unable to find a financially viable way manage its glass and stopped accepting it at its drop-off locations in November 2016 when their contractor, Williams Recycling, began charging a tip fee of \$72/ton. Reviving glass recycling would cost more than \$53,000/year. Where previously the county received a rebate for mixed paper, they now receive none.
- Johnson County, IN has discontinued its drop-off program, eliminating the only option for some in the rural county to recycle. The Recycling District could not afford to pay haulers to take the material and the program was discontinued on July 31st.
- Greene County, IN stopped taking glass.
- Monroe County, IN won’t take plastic bags or shrink wrap.
- Lancaster County, PA has trimmed its curbside recycling program to the “Big Four”: flattened OCC, plastic bottles, metal cans and glass.
- Kankakee, IL plans to discontinue their curbside recycling program serviced by Republic Services on September 1st has been reversed. Instead, Republic will provide service for the duration of the contractor which lasts until the end of 2020. As much as 85% of the program’s materials were rejected due to contamination materials. Republic will begin auditing the city’s recycling. Contaminated bins will be alerted with information about cannot be recycled. If the issue is not corrected, they will be eliminated from recycling collections.
- South Hills area, PA, which represents 18 communities, will no longer accept mixed plastic or glass beginning in January. Failure to follow the new rules will result in penalties.
- Tucson, AZ officials are considering changing the recycling program in a variety of ways including: EOW pickup, higher rates – from 15-45 cents/hh/month to 75 cents/hh/month, enforcement on contamination and increased public education.

- Flagstaff, AZ has eliminated rigid plastics from their program as of June 1st.
- Whidbey Island, WA will limit plastic recyclables to #1 & 2 plastic bottles, tubs and jars beginning August 18th.
- Nashville, TN company Hudgins Disposal let its customers know that recycling would only be picked up once/month and not at all if contaminated.
- Centre County, PA has eliminated black plastic and plastic cups and film from their recycling program.
- Douglas County, OR stopped its OCC program effective August 19th due to contamination.
- Ontario County, NY's Planning and Environmental Management Committee approved a motion providing relief from recycling mandates. The motion will be decided by the full board of supervisors.
- Adrian Township, MI will discontinue their recycling center effective September 1. The center cost \$50,000 to run and the material was likely being incinerated. Modern Waste could not find a market.
- Tecumseh Township, MI who split costs for recycling with Raising Township decided not to continue when higher rates were proposed by Modern Waste.
- Unity, ME will only accept #2 and #4 plastics.
- Moscow, ID city council voted to eliminate some plastics, plastic bags, aluminum foil and trays, pots and pans, shredded paper and cartons from its curbside program.
- Kirkwood, MO changed its plan to suspend its curbside recycling program beginning October 22nd after residents complained. The proposed change was due to Resource Management's decision not to accept single stream recycling anymore. The city is looking for a new recyclables processor. The city has signed a one-year agreement with Republic Services for \$115/ton. The city will absorb the additional costs and not pass the added expense to residents.
- Columbia County, NY is limiting recyclables based on a new contract that was signed on August 1st with Casella. Items with plastic coating or wax-coated paper will no longer be accepted.
- Centre County, PA will no longer accept black plastic or cups.
- La Crosse, WI will no longer accept #3, 6 and 7's.
- Lake Oswego, OR recycling yard, run by Far West Recycling will shut down on September 23rd.
- Clearfield County, PA Solid Waste Authority is no longer accepting mixed paper.
- Rock Hill, SC city officials were surprised to learn that recyclables were landfilled by their MRF operator, Pratt Industries. The contract states that "all recyclable material shall become Pratt's property..." leading city officials to believe that they were recycled. But, recently they have learned that glass and #3-7's are landfilled due to a lack of market.
- Tega Cay, Chester and Lancaster Counties, SC no longer accept glass because their MRF owned by Sunoco no longer accepts it. Sunoco explained that glass is hard on the equipment and that there is no market.
- Bakersfield, CA is considering increases to recycling of \$3/hh/month due to pricing and contamination issues. They used to sell recyclables for \$60/ton, but now pay

\$70/ton. This swing has resulted in \$750,000 in losses so far. In addition, contamination increased from 18% in 2011 to 40% today.

- Plymouth, MA eliminated its curbside program due to costs.
- Tega Cay and Chester County, SC no longer accept glass. Lancaster County, SC will soon follow. Their MRF, Sunoco no longer accepts it.
- Oregon, OH plans to suspend the remaining two years of its recycling contract with Waste Management to avoid added costs of \$11,000/month. Demand is limited to OCC and aluminum cans.
- Strathcona County, Albert, CA will no longer accept glass, EPS, coffee cups and plastic other than containers.
- Twin Falls, ID had capped the price they would pay for recycling at \$100/ton. With prices reaching \$160-170/ton, they were sending materials to the landfill. However, beginning in October, the city approved a higher cap of \$175/ton.
- Lake Worth, FL will switch to dual stream beginning October 1st.
- Lakeland, FL has hired RRS for \$55,000 to develop an outreach and education campaign on recycling.
- O'Fallon, MO is reviewing options for what to do with its recycling now that Resource Management has told them that they will only accept dual stream materials. Until July, Resource Management paid O'Fallon \$100,000/year. Now, the city will have to pay \$630,000. Therefore, city decided to discontinue its single-stream program. Instead, curbside recycling will be limited to containers (aluminum, glass and plastic). O'Fallon has now signed a contract with the city of St. Peters which operates its own facility that to manage containers. Fiber will be handled by O'Fallon; however, a market has not yet been secured.
- Ruidoso Downs, NM's Greentree Solid Waste Authority will remove mixed paper from their recycling drop-off locations.
- Delmont, PA will no longer accept #3-7 plastics.
- Jacksonville, FL will be limited to OCC, paper, magazines, metal cans, plastic bottles, and glass bottles and jugs. The contractor, Republic Services, said that glass bottles may be removed in the future.
- Norwalk, CT announced a new recycling list effective October 1st which will exclude items such as plastic bags and flexible film, EPS, single-use cups and straws.
- Millburn, NJ no longer accepts plastic bags curbside.
- Cranford, NJ must rinse out containers and clean out food waste.
- Westfield, NJ will no longer accept shredded paper.
- Erie County, PA will no longer accept glass shredded paper, envelopes, postcards or other small papers in their curbside program. In addition, it no longer accepts glass and some plastics.
- Winneshiek County, IO has stopped accepting film in their recycling.
- Southern Recycling Center in Carbondale, IL will no longer accepts #3-7 plastics and plastic bags.
- Portland, IN mayor wrote a letter to the editor claiming that due to China, OCC and glass are the only items that have value. While working through contractual issues,

- their existing contractor, Best Way, has extended the current contract through October.
- Sitka, AK residents will face contamination charges of up to \$150/ton for greater than 10% contamination. The city requires tin and aluminum to be segregated and no longer accepts mixed paper.
 - Barnstable, MA's drop-off center will no longer be single stream. Beginning in October, separate containers will be available for OCC, plastics, mixed paper, metal cans and glass.
 - Cuyahoga County, OH limits recycling to the following five items: food and beverage cans; milk, juice and broth cartons with caps; glass bottles and jars with caps; fiber including paper, boxes, mail, magazines, newspaper, cereal boxes and OCC; plastic jugs and bottles with caps.
 - Auburn, AL received a grant from the state for single-stream carts allowing them to switch all city customers to single stream in early 2019. Acceptable materials will be metal food and beverage cans, #1-7 plastics, OCC, and paper. Glass, plastic bags and Styrofoam will be prohibited.
 - Kingston, NY will consider switching to dual stream. To support the switch to dual stream, the common council approved additional cart purchases totaling \$400,000 of which \$200,000 will be reimbursed by the state. Containers and fiber will be picked up on alternating weeks.
 - Cadillac, MI residents are questioning recycling services for which they are mandated to pay \$2.5/hh/month plus a fuel surcharge. Yet, their contractor, Ms. Green does not accept glass, EPS, cartons and some plastics. Lake City, MI accepts glass, but last month found that their processor no longer will accept it.
 - Blacksburg, VA will only take #1 and 2 plastics. The new rules will limit recycling to glass, paper and OCC, #1 and 2's, and cans. Plastic bags, EPS, solo cups, take-out containers, cables, food, liquid, clothing and toys are unacceptable.
 - Phoenix, AZ is encouraging residents to not put plastic bags, pizza boxes and light bulbs in their bins. The city's net revenue from recycling has dropped from \$350,000/month to \$50,000/month in the last year. Although the city's materials have been able to maintain China as a market for its materials, more recently they are adding South Korea as an outlet. This city is also instituting cart audits.
 - Idaho County, ID commissioners voted to drop plastic recycling with Lewis Clark Recyclers due to lack of markets.
 - Clearwater County, ID discontinued plastic recycling despite having six tons of plastic on hand.
 - Grove City, IO will limit plastics to #1, 2, and 5's.
 - Lowell, MA has issued more than 5000 warnings this year and since the end of August issued \$25 fines. To date, 215 citations have been issued. These efforts stem from charges received from Waste Management in the amount of \$82,500 with the potential to reach \$400,000 in 2019. An additional \$292,000 could be charged for the 30% contamination.

- Arlington County, VA is conducting an analysis on glass and will likely suggest removing it from its recycling streams. They anticipate providing guidance in November.
- North Augusta, GA may increase recycling fees due to drops in revenue. Last year, they made over \$400k, this year it may not be \$150k.
- Bismarck, ND will close eight of its drop-off sites operated by WM due to contamination. They will continue to operate one site at the landfill.
- Buffalo, WY recycling center no longer accepts #3-7 or plastic bags. The Walmart still accepts plastic bags but that might also end.
- Dothan, AL is considering making program changes or even suspending their recycling program due to rising costs. Fees rose from \$135,000/year to \$239,000 and could rise to \$285,000. Combined with staffing and equipment costs, the city could spend \$650,000/year for recycling. The city may consider reducing the items picked up from its current program that accepts paper, plastic, aluminum, steel and OCC.
- Enterprise, AL ended its curbside program on October 1st but still provides a drop-off option.
- Billings, MT businesses can only recycle OCC with Republic. Also, Republic is not taking on any new residential customers.
- City of Wentzville, MO will no longer accept glass, paper or OCC in their curbside recycling program. Cans and #1, 2, 3, 5 & 7 plastics will be accepted. Glass, paper and OCC can be taken to drop-off locations.
- Sherman, TX will not accept glass. Clean fiber, #1 and #2's and cans can still be recycled.
- Sacramento, CA stopped accepting #4-7s this past June after their contractor, WM, would no longer accept them. However, on November 14th, the city resumed accepting #1-7s.
- Hawaii County, HI will no longer accept plastic bags, rigid plastic or #5s beginning December 1st due to a lack of markets. The county will continue to accept #1 and 2s.
- Lawrence & Mercer Counties, PA drop-off bins will only accept paper and OCC beginning next month. For now, residents are encouraged to use their curbside to recycle containers. However, the municipality anticipates that glass will be eliminated at some point.
- Ellsworth, ME residents will not be able to recycle glass, box board or #3-7s beginning in 2019.
- Klickitat County, WA residents will receive flyers in mid-December outlining program changes effective January 1, 2019 that include elimination of plastic bags and shredded paper from the recycling. In addition, plastic will be limited to #1 & 2 bottles.
- Aberdeen, NC is considering removing glass from its program. Update: Glass is now no longer accepted. It can be taken to drop off centers.
- Birmingham, AL will lose its "most well-known" recycling center as the Alabama Environmental Council Recycling Center shuts on December 13th. Revenues dropped from \$10-12k/month to only \$500-1000/month. Glass was dropped several months ago.

- Cortez, CO and Four Corners Recycling Initiative has stopped accepting ONP.
 - Manteca, CA has limited recycling to OCC, #1 and 2's and California redemption value containers.
 - Plainfield, NJ will switch to dual stream with collection on alternative weeks.
 - Akron, OH will eliminate glass from their recycling programs and tag contaminated carts.
 - Dayton, VA has terminated its curbside recycling program.
 - Houstatonic, CT Resources Recovery Authority is considering removing glass from its single stream collection. The proposal will need to be approved by the state. However, since glass is a state mandated recyclable, if this plan goes forward, the authority will offer drop-off locations.
 - Chatham, VA and neighboring area haulers may no longer be accepting plastic or glass in their single stream. First Piedmont is responding to the MRF in making this change.
 - Shaler Township, PA will stop accepting glass as their contractor, Republic, will not accept it due to the lack of a market.
 - Atlantic County Utilities Authority, NJ will only accept #1 and 2 bottles for plastic recycling. They also will no longer accept shredded paper, pizza boxes, wrapping paper or tissue paper, aerosol cans or paint containers.
 - Charlotte, NC contractor Signature Waste no longer accepts plastic as of January 1.
 - Barnstead, Chichester, Epsom, Pittsfield, NH will only accept #1 and #2 plastics.
 - Atlantic County, NJ will only accept #1 and #2's, glass containers, paper, paperboard, OCC, cartons, and metal cans.
 - Moore County, NC struck a deal with Strategic Materials to manage source segregated glass from convenience drop-off locations after dropping it from their curbside program.
 - Longview, WA has cut glass from its curbside program.
 - Cheyenne, WY lost its one outlet for recycling glass when WYCO Recycling stopped accepting it.
 - Hannibal, MO stopped accepting #3-7s.
 - Idaho Falls, ID has teamed with Momentum Glass to offer glass recycling at 13 existing drop-off locations.
- **Recycling contracts and costs.** The industry continues to adjust to the changes in recycling. Many communities are reviewing their recycling contracts and some are beginning to renegotiate them.
 - Western Recycling and the Pocatello City, Idaho will renegotiate their contract after the city approved this on June 14th.
 - On the east coast, Penn Waste is approaching municipalities about renegotiating their contracts. They currently collect recycling from 70 municipalities. Penn Waste updated their guidelines for recycling to go "back to basics" on July 1st. The items

they will recycle is limited to: cans; newspapers; #1, 2, & 5 plastic and glass bottles and jars; cardboard; and cartons.

- Koekuk County, Iowa will issue a one-year renewed contract to Waste Management rather than the typical three-contract due to preferences by both parties as a result of “tanking” recycling when China got “real finnick.”
- Recology and SeaTac, WA are negotiating an amendment or surcharge to the existing contract to address changes in recycling.
- Republic Services is requesting that Hartford, CT’s Materials Innovation and Recycling Authority (MIRA) consider renegotiating the contract due to losses it is experiencing from depressed commodity prices.
- Coeur d’Alene agreed to restructure the city’s solid waste contract with Coeur d’Alene Garbage Services to “absorb a crash in market demand for recyclables.”
- Beginning July 2nd, Pensacola, FL will once again have an outlet for recyclables after reaching an agreement with Emerald Coast Utilities Authority. For nine months, recycling was landfilled after Tarpon Paper stopped taking the city’s material.
- Brighton, MI recently approved a one-year contract with Waste Management that includes a \$9/household increase directly attributable to China’s National Sword policy.
- Auburndale, FL commissioners are considering a request by Advanced Disposal and Republic services to increase recycling fees from \$2.53/month to \$4/month in October and \$5.46/month in October 2019. A vote is expected in August.
- Decatur, GA switches service providers due to cost concerns related to recycling. The city signed a one-year contract with Pratt. Curbside glass will now be managed in a separate bin.
- Las Cruces-Dona Ana County, NM approved a rate hike from \$5.40 to \$6.50 beginning September 1. There will also be an effort to reduce contamination. However, recent efforts to limit recyclables to a “fab five” has flopped. What happens to items that do not have a market is uncertain as it is currently being stockpiled.
- Richland, WA contractor Clayton Ward has found only a single vendor to take their recyclables, Waste Management’s SMaRT Center. Last year, Richland was paid about \$16/ton for its materials. This year, Richland has paid SMaRT \$122.60/ton to take the recycling.
- Village of Walnut, IL approved a 54 cent per household increase to Republic Services to address higher costs related to recycling.
- Staunton, VA will pay 16 times more for recycling services beginning August 1st. Sunoco Recycling will charge \$52,000 annually for what the city is currently paying \$3100. In addition to curbside collection, Sunoco provides drop-off containers which were previously free but will now cost the city \$75/month each. Material costs will also change with the city receiving payment for OCC and aluminum but paying for mixed paper (\$50/ton), plastic (\$60/ton), and glass (\$32.50/ton).
- Copley, OH is seeking legal advice on a 95-cent/month/household increase requested by Republic Services. They are in the third year of a five-year contract.

- Rapids City, IL agreed to pay \$1900 more annually for recycling services to Republic Services for its 406 households. The current contract expires in June 2019.
- Leominster, MA's new contract with G.W. Shaw & Son went from \$0 for recycling to \$87.50/ton which based on last year's recycling rate could cost the city an additional \$220,000.
- Fitchburg, MA also began paying for recycling for the first time in 25 years at \$40/ton when Waste Management began enforcing a contract provision that allowed them to charge.
- Stamford, CT rebid their recycling contract after the previous one with City Carting expired in June. The two bids were for \$58 and \$80/ton with City Carting providing the low bid. Prior to this bid, recycling had been a revenue source for the city by as much as \$250,000. Last year, they received \$95,000. The new contract requires the city to pay \$700,000.
- West Orange, NJ approved a new 5-year contract with Suburban Disposal for refuse and recycling collection. The \$2.9 million contract represents a 65% increase over the previous contract.
- Chenoa City Council, IL is weighing options for managing recycling including whether to pay an additional 70 cents per customer for 12-months with rates to change again at the end depending on markets. Alternatively, the city might consider eliminating the recycling program.
- North Salem, NJ rebid its recycling contract due to expire at the end of August. Only the current contractor, City Carting, provided a new bid at a 43% increase over the previous year. The bid went from \$632,000 to \$903,000. The reason for this increase is that the Beacon Plant recycling center used to pay \$15/ton but now charge \$61/ton and may increase to \$85/ton. Garbage disposal, by comparison, is \$72/ton. Other potential bidders cited gas prices and union wage increases as issues.
- Cordova, IL will face a 39 cent/month increase in waste management bills beginning in September to offset new recycling costs from Republic Services. The new recycling collection contract was extended to 2025.
- Raisin Township, MI is looking at options to keep their drop-off facility open as a result of a notice from their contractor, Modern Waste, that the cost per load would increase from \$18.75 to \$133. The recycling center will close by September 1.
- Valley Center, KS is facing a \$1.63 increase per customer from its curbside contractor, Waste Management. A previous drop-off center operated by Waste Connections was removed by the company because of cost considerations. Waste Management stated that the reason for the increase is that they have to pay Waste Connections \$90/ton at the transfer station where previously there was no cost.
- Auburndale, FL is reviewing a request from Advanced Disposal to increase curbside costs from a stipulated contract rate of \$2.53/month to \$4/month effective October. The rate would increase to \$5.46 next October.
- Gouldsboro, ME has eliminated the curbside recycling program beginning September 1st due to rising costs. The price to recycle went from \$45/ton last November to \$140/ton and is expected to continue to rise, possibly as high as

- \$200/ton by the end of the year. Casella Waste Systems will not offer a fixed price for recycling due to market volatility.
- Oyster Bay, NY will continue to be paid by Winter Brothers for their recycling through the end of 2018 at a rate of \$25.08/ton. However, the four one-year extensions will not be enforced and the town will rebid the contract for 2019 and beyond. Update: The town agreed to pay \$69.75/ton for single stream collection but will not include glass or certain plastics.
 - Roy & North Ogden, UT face increases to recycling costs. Waste Management has approached the City of Roy about raising collection costs by \$1.23/month from \$10.94 to \$12.17 beginning in December. North Ogden faced a similar request earlier from Republic Services and raised rates by \$0.49/month from \$11.83 to \$12.33.
 - DeBary, FL voted to immediately suspend its residential recycling program at the city council meeting on August 1st after being informed by its processor, GEL Corp., proposed fees for the previously free service. The proposed fee was between \$80 and \$120/ton.
 - Volusia County, FL has received a request from GEL Corp. to pay \$80/ton for processing recycling, an increase to the current \$35/ton contracted rate. The county council will consider the request at their September meeting.
 - Orange City, FL has a current contract with WCA for recycling at rate of \$14.28/year/household. The contract expires on September 30, 2020 and is limited to increases tied to the CPI. WCA takes the material to Waste Connection's Sanford Recycling and Transfer Station.
 - Deland, FL is considering GEL Corp.'s request for processing fees. They are also considering alternative options.
 - Foley, AL will sign a one-year contract with Emerald Coast Utilities Authority. The ECUA will not charge for recycling but will also not provide any revenue. This is cheaper than sending it to the landfill which would be \$33/ton. The city will reevaluate its options if the price climbs above the \$33/ton mark and consider dropping down to OCC and aluminum.
 - Madeira Beach, FL is negotiating its new collection contract for recycling with Waste Connections. The new contract increases the rate for houses by 116% and for condos by 56%. Waste Connections cited higher processing costs as the primary reason.
 - Winter Haven, FL has approved a request for a rate increase of 38% going from \$2.50/resident/month to \$3.44/resident/month from Advanced Disposal. The rate would go up again in FY19/20 to \$3.94/resident/month.
 - Waltham, MA voted to pay \$100,000 to cover increased recycling costs. EZ Disposal, the city's contractor, said that it is now costing them over \$90/ton to tip their recycling, significantly more than \$52/ton for waste disposal. Saying that other communities pay up to \$200/ton, Waltham's "recycling is cleaner...keep[s]...costs down."
 - Mansfield, MA has received a request from Waste Management outlining issues that affect recycling costs. The town could face additional costs of \$165,000/year for

services. Both China and glass were cited as issues. Town Selectman, Neil Rhein, who is also founder of Keep Massachusetts and Keep Mansfield Beautiful said, "The whole industry is on the verge of collapse."

- Largo, FL commissioners voted to increase solid waste fees by 20%, an increase of \$3.50/household/month. Since 2014, the city has received about \$300,000 annually for its recyclables. Beginning in February, they will have to pay up to \$500,000/year.
- Parkside, PA used to receive about \$35/ton for their materials ten years ago. Now they have to pay \$65/ton to get rid of it. They received word on Wednesday that it would go up to \$85/ton with the potential to increase to \$120/ton by the end of the year.
- Upper Darby, PA received \$6-7/ton as recently as 2015. In 2017, they were paying \$35/ton. They budgeted for \$37/ton for 2018 but the hauler stopped offering the service in March forcing the town to use WM for \$55/ton. Contaminated loads cost \$150/ton.
- Livingston, MI's Recycle Livingston raise membership fees by \$10 to address increased fees from GFL who used to take materials for free but beginning September 1 will charge \$200/load. In addition, only #1 & 2 plastics will be accepted.
- Dartmouth, MA raised rates for residents for recycling from \$80 to \$90/year to address a changed contractor. Their previous contractor WeCare Environmental halted operations. Dartmouth now uses Republic Services.
- St. Joseph County, IN curbside program may be dropped next year due to bidding services instead of approving a 10-year contract extension with Borden Waste-Away Service. The contract extension would have come with no increased price. Instead, it was rebid and Borden, the only bidder, bid an increase from \$28/hh/yr to \$35/hh/yr. The new bid also requires the city to split expenses when sales revenue fall below \$50/ton.
- Norfolk, VA's contractor, TFC Recycling, wrote a letter to the city announcing that it will be terminating its contract by the end of October originally scheduled to run through 2022.
- San Jose, CA has deferred recycling contract discussions until September 18th. The city will consider whether to waive financial penalties for failing to divert recyclables from the landfill. The city will also consider taking action on developing a new RFP for collection and processing for services beginning July 2021 that would be for a term of 15 years. The new RFP would solicit suggestions for how to address the evolving markets and reduce GHGs. The city is considering not renewing its contract with California Waste Solutions which manages a portion of the city's recycling. The company has proposed a 60% increase in price from \$11/hh/month to \$18/hh/month.
- Parkside, PA is currently seeking bids for a new contract for 2019-2021. Its current contract with B&L Disposal requires splitting disposal costs with the borough, but that is expected to end in 2018. Parkside, due to its size, could consider ending its recycling program, an option not available to larger communities in Pennsylvania. A decision will be made on the current situation on August 22nd.

- New Franklin, OH officials have been approached by Republic Services for an increase to their price which could raise the cost by up to \$2/hh/month. Republic will only accept #1 and 2's, and paper, but not OCC.
- Richmond, MI city council voted to amend its waste services contract to address an increased recycling cost of \$6/hh/year and reducing the five year contract to four.
- Municipal Utility District 119, TX voted to end their recycling program affecting neighborhoods in Harris County effective September 12th.
- San Angelo, TX has been approached by Republic Services to amend their 10-year contract signed in 2014 due to rising costs. Republic took recyclables to Butts Recycling but their contract ended on August 1st. Butts continues to take the material, but the price is nearly four times the previous amount. The cost is expected to increase by \$2-2.50/hh/month. Republic Services is now requesting to end their curbside recycling program entirely or increase the price. Opponents wants Republic to stick to their contract, citing a second landfill contract where the company may be still making money. The city is conducting a survey that will be presented to the city council on October 16th. The city voted to amend their contract with Republic Services. The new list of acceptable material will be limited to OCC, paperboard, #1 and #2's, cans and aerosol cans. The city will no longer accept cartons, ONP, EPS, or #3-7's.
- Wheeling & Clearview, WV area public drop-offs will be shutting down due to unacceptable contamination levels.
- Allen Township, PA hired Smart Recycling Solutions to help them with their new agreement for recycling and trash hauling. The current agreement with Advanced Recycling will expire next April and given current market conditions, the town felt that expert advice was needed.
- St. Joseph County, IN Solid Waste Management District hoped to get a bargain by putting out a contract for bid earlier this year rather than approving a 10-year contract extension with Borden Waste-Away Services that called for no increase in price. Instead, they received a bid from only Borden for the 10-year period which increases the price from \$28/hh/year to \$35/hh/year beginning next year.
- Onondaga County Resource Recover Agency, NY is considering implementing a \$25/hh/year fee to cover recycling. Previously, the county used Waste Management's Liverpool facility to process the recyclables and received payment amounting to \$125,000 last year. However, WM cancelled its contract with the county in July after the blended value fell below \$40/ton for more than three straight months. It may cost the county more than \$2M next year to manage the material. The new contract has a cap of \$49/ton.
- Bethel Park, PA will switch contractors from Republic to Waste Management when they sign their new 5-year \$11.6M contract that takes effect in January. The contract which includes both trash and recycling will make changes to the recycling in that glass will not be included and only #1-2 plastics will be accepted. Penalties for contaminated loads could be imposed beginning in 2020.
- Little Rock, North Little Rock and Sherwood, AR may see costs for curbside recycling increase from \$2.99/hh/mo to \$4.14/hh/mo beginning in April as a new contract is

- expected to be drafted between the jurisdictions and Waste Management. Glass will be dropped from the program. Little Rock, AR approved new curbside terms with Waste Management that will raise costs to \$4.14/hh/month, up from \$2.99/hh/month effective April 1st. The next year, the rate will increase to \$4.29/hh/month. Waste Management will pay \$150,000 to the district to educate residents on recycling right at \$5000/month for 30 months. Glass will be dropped from curbside beginning in April.
- Malden, MA public works director estimates that their flat-fee 20-year contract with JRM Hauling and Recycling Services is saving the city about \$1M annually due to changes in commodity prices. However, residents are frustrated by lack of notification regarding a switch to dual-stream.
 - Jackson, MS is considering canceling their curbside recycling contract with Waste Management to save \$1.1M. Only about 60% of resident participate, well below the national average of 75%. Jackson can leverage recent commodity price changes to renegotiate the contract.
 - Brookhaven, NY says that the town anticipated market instability when it signed its 25-year contract with Green Stream in 2014 and expects the contract to be honored. In turn, they plan to honor their contract with Smithtown who they pay \$15/ton for single stream. Green Stream, by contrast, claims that this is a “true force majeure situation” and that changes need to be made. Green Stream Recycling will shut down as soon as the end of October. Brookhaven officials will select a new contractor by November 2nd. The current agreement requires Green Stream to pay the town \$20/ton and operate the plant. In turn, Green Stream could keep any profits from commodity sales. Brookhaven says that it is owed \$1.7M. Brookhaven has delayed award of a new contract until November 20th pending answers to questions. Brookhaven, NY will switch to dual stream collection with fiber and containers collected on alternating weeks. Glass will be accepted at drop-off locations only because it “has little value except as landfill lining.”
 - Attleboro, MA found that they had exceeded their contractually limited 10% contamination rate with Waste Management when audits showed contamination between 25-33%. This might trigger a renegotiation to their currently favorable \$15/ton rate. The health department has responded by issuing “friendly reminder” tickets to residents. After the first warning, resident will face a \$25 fine. Angry residents are complaining to their city councilors.
 - Sandusky, OH debated what to do about recycling in the wake of a request by Republic Services for \$100,000 to operate two previously free recycling drop-off centers. Republic plans to exercise their opt-out clause if the city does not pay.
 - Roy, Utah officials considered abandoning recycling, but ultimately agreed to increase the bimonthly rate by \$2.46/hh. Residents will be able to opt out of the service.
 - Columbia County, NY is considering charging \$50/year/hh to cover what was once free recycling services. The county collects about 2500 tons/year and exceeded its annual \$70,000 budget for 2018 by July. Next year, costs are predicted to reach \$250,000.

- Coeur d'Alene, ID restructured its solid waste contract to reflect market trends, meaning that it will pay \$17,000/month for recycling.
- Ulster County Resource Recovery Agency, NY voted to increase fees for single stream and to discontinue accept single stream by the end of the year. The town of Ulster stopped accepting single stream on August 1st.
- Douglass Township, PA's contractor Advanced Disposal requested the town to re-educate the residents on recycling to clean it up. Due to rising costs, Advanced may not "be able to accept glass, certain types of plastic and junk mail." They were awarded a 2-year \$530,659 trash and recycling contract at the beginning of the year.
- Ellsworth Village, MN is considering a \$4/hh/month increase to its current \$1/hh/month recycling fee. They approved a new 5-year contract with Paul's Industrial Garage for collection services.
- Geneva, OH is considering amending its contract with WM due to rising recycling costs. The increase would be \$0.66/hh/month.
- Waterloo, IO received a single bid that was 60% higher than its current costs for processing recyclables. Republic Services submitted the only bid at \$144.54/ton for material delivered to its Cedar Falls location.
- Oskaloosa, IO city council declined a recycling contract with MidWest Sanitation on October 4th leaving residents wondering what to do with their recycling. The city clarified in an e-mail saying that haulers are required to offer curbside service as part of the trash collection.
- Marysville, WA city council is considering a request by WM to increase recycling rates to \$5.52/hh/month from its current \$4.79/hh/month. Processing costs have increased \$14/ton while commodity value decreased \$15/ton, leading to a \$29/ton swing.
- Pullman, WA residents will begin paying \$1.59/hh/month commodity surcharge on top of their existing \$5.31/hh/month recycling costs. Surcharges for dumpsters will vary by size. Recyclables are collected by Pullman Disposal Service and sent to Republic Services in Seattle. The surcharge will be reexamined every six months. The city is also looking at reissuing its recycle stickers but is waiting to determine what is recyclable. Currently, the sticker includes glass, which is no longer accepted.
- San Diego, CA agreed to pay its recycling contractor, IMS Recycling Services and Allan Company, retroactively back to May 1st to make up for losses. The amended contract runs through next June. A new RFP will be issued shortly.
- Bozeman, MT residents saw a \$7/hh/month increase for recycling from Republic Services.
- Hampton, VA approved \$600,000 from its solid waste enterprise fund to keep its recycling program intact through June 2019 with TFC Recycling.
- Lawrence-Scioto Solid Waste District, WV have suspended recycling at drop-off sites in Lawrence and Scioto counties as a result of their contract expiring with Republic Services. Rumpke bid on a new contract, but the District is trying to negotiate a lower price.
- West Jordan, UT will increase its solid waste pickup costs from \$12.83/hh/month to \$16/hh/month with another \$1.50/hh/month for opt in/opt out recycling.

- Chicago, IL Alderman John Arena wants to incentivize recycling by changing its garbage collection fee with a volume-based rate to boost the city's 9% recycling rate.
- Augusta, GA plans to evaluate its recycling drop-off facility due to anticipated cost increases of 750%. They currently pay \$1000/month but expect that next year costs will increase to \$7500/month.
- Lewiston, ID is considering a request from their contractor, Sunshine Disposal, to increase rates by \$0.67/hh/month if material is sent to the landfill or \$1.63/hh/month to continue to recycle.
- Lewiston, ME rejected a request by Casella to open their contract.
- Fulton, MO has no idea how high recycling prices will go due to a lack of agreement with their contract. When the contract ended, the contractor, Federal International Recycling Center was not interested in renewing. Costs for October were \$120/ton, up from \$10/ton. From January to April costs were \$23/ton, May to July \$24.5/ton, August \$48.50/ton, September \$50/ton, October \$120/ton.
- Marion, OH is considering whether to increase fees by \$0.30-0.50/hh/month to cover additional costs from their contract, Sims Brothers.
- Salem City, OR residents will see costs rise \$2.75-3.20/hh/month depending on size of the bin and where they live to cover increased recycling costs.
- Fenton, MO is considering switching to dual stream because their contractor, Meridian Waste, will no longer accept single stream. If they decide to switch, acceptable materials will be limited to cans, #1, 2, 3, 5 & 7s. Glass will no longer be accepted. Fiber will be accepted at drop-off locations. If the city elects to stay with their single stream program, it will cost \$3/hh/month more.
- Philadelphia, PA price per ton rose from \$4 to \$40 over the past year. When renewing their contract with Republic Services, the new price was \$170/ton. Philadelphia elected to contract with WM instead for \$80/ton. Since WM can only take about half of the city's recyclables, the remainder is incinerated.
- Savannah, GA received only one bid from its current contractor, Pratt Recycling, in response to the city's RFP. The previous 10-year contract required Pratt to pay the city \$15/ton for material. Now, the city will be paying Pratt. The city has proposed a \$0.35/hh/month increase to defray the additional expense.
- Clark County, WA council agreed to change the county's recycling contract with Columbia Resource Company, a subsidiary of Waste Connections. Although the fee increase has not been finalized, the company proposed an increase of \$2.44/hh/month. The company has been losing \$85.63/ton or \$870,579 in Q1 of this year. Since last October, they've lost about \$4M.
- Harrisburg, PA will pay Penn Waste \$35/ton with their new contract after previously paying \$0/ton. They will also provide a one time lump sum payment of \$6000. Given that disposal costs to the local incinerator is \$190/ton, recycling is still economically preferable. The vote will come up at the city council's next legislative session.
- Durango, CO instituted a \$2.69/hh/month surcharge earlier this year to cover global market changes.
- Troy, MI approved contract changes with Meridian Waste Solutions to shift to dual stream. Curbside collection will be for #1,2,3,5 & 7 plastics, aluminum, tin and steel.

Fiber will be accepted at drop off locations. A increase of \$1/hh/month for the service is included to cover costs for shipping rigid materials to Kansas City while the city of St. Peters' dual stream plant is geared up. Once the material is sent to St. Peters, the surcharge will be removed.

- Penn Hills, PA agreed to sign a 3-year contract with their current contractor, Republic, for \$10.4M which represents a 43% increase from the previous 3-year contract. In addition, the contract will eliminate #3-7's, black PET, film plastic, EPS, some aluminum and glass.
- Pulaski County, AR's new contract with WM will likely stop curbside recycling.
- New Canaan, CT approved a new contract on December 4th for \$197,000 with City Carting, more than five times what they paid for the same service last year. The pull fee for a bin jumped from \$78/bin to \$225/bin and a new processing fee of \$60/ton was added to the contract.
- Arlington, WA approved a rate increase for WM. Residential customers will pay \$8.21/hh/month, a \$0.68/hh/month increase.
- Houston, TX signed a new contract with FCC to pay no more than \$19/ton.
- Warren County, NY has awarded contracts for different materials to Casella Waste, Perkins Recycling and County Waste. They will receive \$10/ton for OCC in 2019. Glass is used for road base.
- Columbia County, NY now requires that residents have a \$50 permit for recycling. Seniors can purchase the permits for \$35 and out-of-county residents will pay \$100. Recycling has traditionally been free but is projected to cost the county \$250,000 next year.
- Moore County, NC increased the recycling drop-off fee at the landfill from \$25/ton to \$100/ton.
- Marion City, OH will consider whether to pay processing costs to Sims Brothers Recycling to continue recycling. The fees would be about \$44k – 47k/year or about \$0.30-50/hh/month.
- Harrisburg, PA entered into a 15-month recycling contract ending at the end of 2019 with Penn Waste. The city will pay \$35/ton for processing single stream material and an additional one-time lump sum of \$6k.
- Longview, TX approved a new contract with Rivers Recycling where the city will pay the recycler \$20/ton
- San Rafael, CA city council is considering a 9.36% rate increase request from Marin Sanitary Services.
- Salisbury, MA residents may soon start paying for recycling anticipated to be about \$20-25/year for a sticker to drop off materials.
- Polk County, MO recycling center has closed due to lack of funds. County officials are considering whether to allocate more funds to reopen the facility.
- Battle Creek, MI signed a new contract with WM that will reduce recycling collection from weekly to biweekly.
- Lewisville, TX approved the assignment of a contract to Republic and an increase of 2.4% in rates bringing single family collection for trash and recycling to \$12.34/hh/month for weekly collection.

- Williamsburg, VA city council approved a five-year contract with VA Public Service Authority beginning in July. The city's costs will rise from \$55k/year to \$205k/year.
- **Joint Advisory on Recycling Contracts.** NWRA and SWANA developed a joint advisory for recycling contracts along with two addenda. These may be helpful when approaching municipalities about contracts. NWRA and SWANA anticipate reissuing the advisory next week with a new preface to increase awareness.

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**National
Waste & Recycling
AssociationSM**

Collect. Recycle. Innovate.

NWRA Member Recycling Update – January 18, 2019

Overview

NWRA members are seeing the impacts of China’s policies limiting imported recyclables. In order to support our members, NWRA has developed this update to communicate the association’s efforts and request feedback on further actions. We hope this update will serve as a quick way to communicate what is going on to be responsive to member needs.

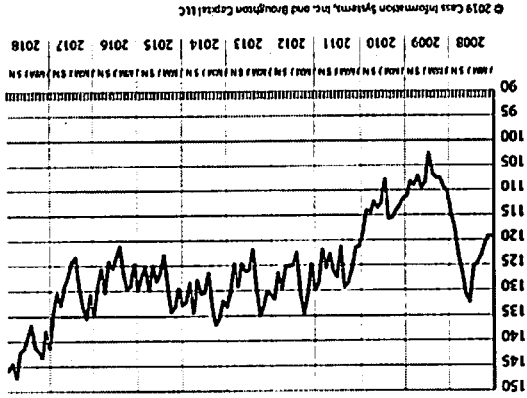
What’s new?

China WTO delegation confirms solid waste catalog. Last month, China’s delegation to the WTO confirmed that it planned on producing a “raw materials from solid waste catalog” in 2019 raising hopes that China may not ban all materials by the end of 2020 as originally anticipated.

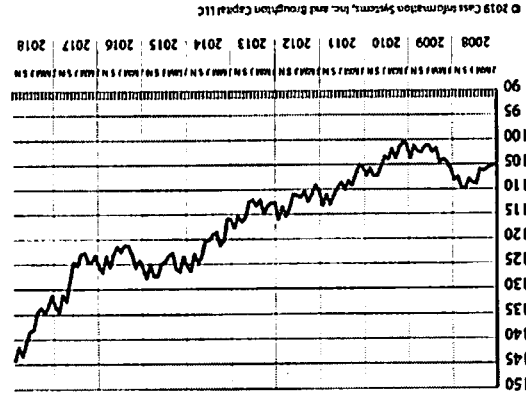
China’s proposed July 1st restrictions continued. The list of eight commodities that are moving from the non-restricted import catalog of solid wastes that can be used as raw materials into the restricted imports that can be used as raw materials are listed in the table below.

Serial number	Customs commodity number	Waste name	Certificate name	Applicable environmental protection control standards	Other requirements or notes
1	7204100000	Cast iron waste	Scrap steel	GB 16487. 6	
2	7204290000	Other alloy steel scrap	Scrap steel	GB 16487. 6	
3	7204300000	Tinned steel scrap	Scrap steel	GB 16487. 6	
4	7204410000	Steel scrap generated during machining (machining refers	Scrap steel	GB 16487. 6	

Source: <https://www.cassinfo.com/freight-audit-payment/cass-transportation-indexes/truckload-linehaul-index> & <https://www.cassinfo.com/freight-audit-payment/cass-transportation-indexes/intermodal-price-index>



Cass Intermodal Price Index®
A measure of changes in per-mile intermodal costs.



Cass Truckload Linehaul Index®
A measure of changes in per-mile truckload linehaul rates.

- China pre-shipment inspections. China's General Administration of Customs approved four more pre-shipment inspection agencies, all in Europe. This is in addition to the 21 approved in November.
- Trucking. The December Cass Truckload Linehaul Index increased 7.2% YoY capping 2018 as the highest year of realized pricing for truckload since 1980. Cass predicts continued price increases but at lower percentages in the coming months forecasting 2-5% over 2019. Intermodal pricing is down from its October high, but still up 8.6% YoY.

			to car, planing, milling, grinding, sawing, boring, shearing, punching)		
5	7204490090	Steel scrap and scrap are not listed	Scrap steel	GB 16487. 6	
6	7204500000	Refining scrap steel ingot	Scrap steel	GB 16487. 6	
7	7404000090	Other copper waste	Copper scrap	GB 16487. 7	
8	7602000090	Other aluminum waste	Aluminum waste	GB 16487. 7	

- **Just the facts.**
 - Commodity prices
 - Plasticmarkets.org - Rigid plastics lost most of its value by December after peaking in July at over \$0.08/pound
 - Recyclingmarkets.net
 - OCC (PS-11) - \$70/ton, down from \$105/ton a year ago
 - Mixed paper (PS-54) - \$4.69/ton, down from \$32/ton a year ago
 - SRP (PS-56) - \$31/ton, down from \$58/ton a year ago
 - UBC - \$0.6019/#, down from \$0.66/# in December and from \$0.7019/# a year ago
 - PET - \$0.1511/#, up from \$0.1503 in December and \$0.1376/# a year ago; however, the annual peak was in June at \$0.1711/#
 - Natural HDPE - \$0.3888/#, up slightly from \$0.3869/# a month ago. However, the national average outside coastal areas is higher at \$0.42/# whereas the east and west coasts are commanding \$0.33/#
 - Colored HDPE - \$0.1641/#, up from \$0.1509 earlier this month
 - PP - \$0.125/#, up from \$0.0838/# a year ago
 - Costs to tip
 - Moore County, NC transfer station - \$100/ton, up from \$25/ton
 - Storing
 - 2 Rivers Industries – 40 tons of low-grade plastics
- **Industry efforts.**
 - Nestle commits to producing 100% reusable or recyclable packaging by 2025.
- **State.**
 - New York Governor Cuomo announced that a plastic bag ban is in his 2019 budget.
 - Massachusetts DEP announced that in 2018 it issued 119 notices of non-compliances and 8 waste ban orders with penalties. More than 80% of the notices were related to cardboard.
- **Muni.**
 - Baltimore County DPW put together a cute youtube video on tangles call, appropriately enough, Tangled up. For those of you who struggle to explain the problems with tangles, send people to the link below.
 - RePower South has taken over the Montgomery, Alabama mixed waste processing facility. It is beginning to take trash and will be a one-bin system. The 25-year deal will process material with the intent to sell them to paper and cement mills.
- **Aluminum.** Aluminum supply has been outstripping demand creating a reduced demand for UBCs. Resource Recycling attributes numerous factors as contributing to the decline in

demand: China's quality standards for scrap, tariffs, trade strife with Russia and logistical issues.

- **Plastics.**
 - Peru has banned single-use plastics from its natural and cultural protected areas including Machu Picchu. A wider ranging plastic bag ban is set to begin in three years.
 - On January 8th, San Diego City Council voted 6-3 to ban EPS including egg cartons, food and drink containers, aquatic toys and buoys and navigational markers.
 - The Alliance to End Plastic Waste comprised of major companies such as ExxonMobil, Procter & Gamble and Dow among others launch on January 16th with an announcement that they will invest \$1.6B to end plastic wastes. The alliance will focus on partnering with cities in high leakage areas, primarily in Asia. They will focus on infrastructure development as well as education and cleanup.
 - As everyone knows, recycling needs an end market. Envision Plastics produces a resin called OceanBound which appears to be unsustainable due to lack of buyers.

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