

IN NORTH AMERICA'S TOP 75 MRFs...

57 Bollegraaf balers are in operation

26 Systems are completely built by VAN DYK

15 Others have since been retrofitted with VAN DYK equipment

Equipment that's built to last, keeps you running,
and takes you into the future

Take charge of your profitability with **VAN DYK**
recycling solutions

NWRA
Award Winners
BEST FACILITY



PROUD EQUIPMENT SUPPLIER TO
4 OF THE LAST 5 NWRA
“BEST FACILITY OF THE YEAR”
WINNERS

MODERN MRF ESSENTIAL: High-Volume, No-Shear Baler



THE BOLLEGRAAF BALER SERIES from VAN DYK

A high-volume system needs a high-volume baler.

VAN DYK
recycling solutions

203.967.1100 | vdrs.com | info@vdrs.com



Changing with the times

North America's largest material recovery facilities experienced challenges arising from the pandemic that affected material streams in 2020.

BY MEGAN SMALLEY

Material recovery facility (MRF) operators faced a variety of challenges in 2020. With more people working from home in light of the COVID-19 pandemic, MRF operators and haulers noticed an increase in residential generation. Commercial volumes, on the other hand, declined as many restaurants, retailers and offices shut down temporarily in response to lockdowns. Additionally, some MRF operators have reported that contamination levels increased in 2020 and into this year.

These changes likely affected some of the figures reported by MRF operators in *Recycling Today's* 2021 Map & List of North America's Largest MRFs because the list is based on tons of recyclables facilities shipped in 2020. Based on data reported to or estimated by *Recycling Today*, the 75 largest MRFs in North America shipped a total of nearly 5.8 million tons of recyclables in 2020. This number is down compared with the

2018 data we used to rank MRFs in our last list, which was published in 2019. That year, the 75 largest MRFs in North America shipped nearly 8.2 million tons of recyclables.

A combination of factors might have contributed to this general decline. Although inbound residential tons likely increased for a number of MRF operators in the last year, some report that residue rates are up, which could have affected the tons of recyclables that MRFs shipped. Decreased commercial generation also likely influenced the decline. (We don't ask MRFs to break out this information.) In some cases, collection issues arising from the pandemic could have influenced these figures, too.

Among the MRFs reporting lower tonnage figures compared with our previous list is Sims Municipal Recycling. The company's Sunset Park MRF in Brooklyn, New York, tops our list again, having shipped 230,600 tons of recyclables in 2020. Yet, this figure is

down compared with the tons it shipped in previous years: 247,201 tons in 2018 and 241,884 tons in 2016.

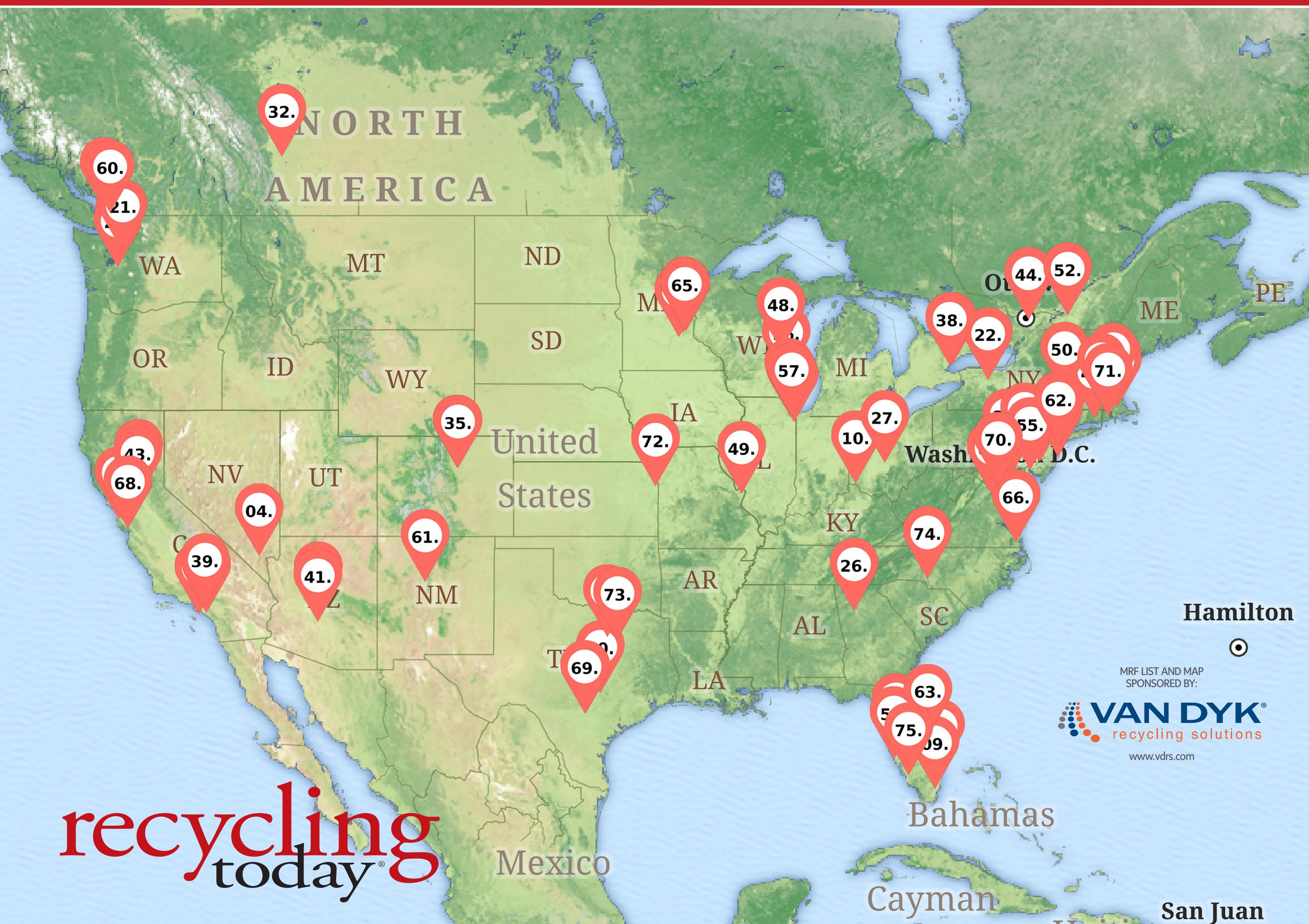
The latest list also features a few new arrivals. Debuting near the top is Waste Management's (WM's) new Chicago-area MRF, based in Hodgkins, Illinois. That MRF ranked at No. 3, shipping 215,445 tons of material in 2020. Houston-based WM completed construction on that 150,000-square-foot facility in 2020.

Mazza Recycling's Tinton Falls, New Jersey, MRF also is new to the list, having shipped 115,000 tons in 2020, ranking it in the No. 36 spot. Mazza opened its MRF early in 2020. According to the company, it was the first MRF on the East Coast to positively sort recyclables.

For interviews with representatives from some of these MRFs about the changes they have made and how they are responding to challenges associated with municipal recycling, visit www.RecyclingToday.com/article/north-americas-largest-mrfss-2021. **RT**



MAP & LIST OF NORTH AMERICA'S LARGEST MRFs



NO.	PLANT OPERATOR:	MRF ADDRESS:	2020 TONS SHIPPED:
1	Sims Municipal Recycling	472 2nd Ave., Brooklyn, NY 11232	230,600
2	GFL Environmental	124 Arrow Rd., Toronto, ON M9M 1M6, Canada	218,850*
3	Waste Management Inc.	6120 River Rd., Hodgkins, IL 60525-4278	215,445
4	Republic Services	360 W Cheyenne Ave., North Las Vegas, NV 89030	208,000*
5	Waste Management Inc.	8000 Powell Rd., Hopkins, MN 55343-8580	184,102
6	Waste Management Inc.	7175 Kit Kat Rd., Elkridge, MD 21075-6419	180,183
7	RWS of Southern California (Republic)	2775 E Gretta Lane, Anaheim, CA 92806	178,000*
8	S.W. Authority of Palm Beach County	5860 45th St., West Palm Beach, FL 33412	169,400*
9	Waste Management Inc.	20701 Pembroke Rd., Pembroke Pines, FL 33029-2005	167,666
10	Rumpke Recycling	5535 Vine St., Cincinnati, OH 45217	163,404
11	Republic Services	1601 Dixon Landing Rd., Milpitas, CA 95035	162,500*
12	Republic Services	7911 Notes Dr., Manassas, VA 20109	162,000*
13	Potential Industries	922 E E St., Wilmington, CA 90744	161,500
14	Republic Services – Rabanco Recycling	2733 3rd Ave. S, Seattle, WA 98134	155,000*
15	Waste Management Inc.	150 Saint Charles St., Newark, NJ 07105-3946	154,448
16	Waste Management Inc.	W132 N10487 Grant Dr., Germantown, WI 53022-4445	154,389
17	GFL Environmental	645 W 53rd Pl., Denver, CO 80216	153,000*
18	Cascades Recovery	8325 Main St., Vancouver, BC V5X 3M3, Canada	149,827
19	Casella Recycling	24 Bunker Hill Industrial Pk., Charlestown, MA 02129	147,834
20	Waste Management Inc.	1440 Port of Tacoma Rd., Tacoma, WA 98421-3704	147,370
21	Waste Management Inc.	6211 234th St. SE, Woodinville, WA 98072-8658	140,304
22	Cascades Recovery	1845 Emerson St., Rochester, NY 14606	139,723
23	Penn Waste	85 Brick Yard Rd., Manchester, PA 17345	135,185
24	Waste Management Inc.	5201 Bleigh Ave., Philadelphia, PA 19136-4225	134,915
25	Homewood Disposal/Diversified Recycling	17415 S Ashland, East Hazel Crest, IL 60429	133,000*
26	WestRock Atlanta West	1775 County Services Pkwy., Marietta, GA 30008	132,000
27	Rumpke Recycling	1191 Fields Ave., Columbus, OH 43201	131,964
28	Republic Services	30205 N Black Canyon Hwy., Phoenix, AZ 85085	129,360*
29	Waste Management Inc.	2050 N Glassell St., Orange, CA 92865-3306	127,788
30	Balcones Resources	9301 Johnny Morris Rd., Austin, TX 78724	127,762
31	California Waste Solutions	1005 Timothy Dr., San Jose, CA 95133	127,300*
32	Cascades Recovery	10351 46th St. SE, Calgary, AB T2C 2X9, Canada	126,572
33	Western Placer Waste Management Authority	3195 Athens Ave., Lincoln, CA 95648	121,330*
34	Waste Management Inc.	40 Ledin Dr., Avon, MA 02322-1129	118,653
35	Waste Management Inc.	4300 E 51st Ave., Denver, CO 80216-3145	116,866
36	Mazza Recycling	3230 Shafto Rd., Tinton Falls, NJ 07753	115,000
37	J.P. Mascaro & Sons	1270 Lincoln Rd., Birdsboro, PA 19508	114,750*
38	GFL Environmental	7795 Torbram Rd., Brampton, ON L6T 0B6, Canada	114,100*
39	Waste Management Inc.	1501 W. Gladstone Ave., Azusa, CA 91702-3219	112,857
40	Eureka Recycling	2828 Kennedy St. NE, Minneapolis, MN 55413	110,607
41	Friedman Recycling	3640 W Lincoln St., Phoenix, AZ 85009	110,273
42	Recology	1000 Amador St., San Francisco, CA 94124	109,000
43	Waste Management Inc.	8491 Fruitridge Rd., Sacramento, CA 95826-4807	105,380
44	Cascades Recovery	2811 Sheffield Rd., Ottawa, ON K1B 3V8, Canada	104,457
45	Willimantic Waste Paper Co. Inc. (acquired by Casella earlier this year)	1590 W Main St., Willimantic, CT 06226	104,312*
46	Republic Services	6100 Elliott Reeder Rd., Fort Worth, TX 76117	100,000*
47	Groot Industries	1759 Elmhurst Rd., Elk Grove Village, IL 60007	99,675
48	Outagamie County	1419 Holland Rd., Appleton, WI 54911	95,609
49	Republic Services	6025 Byassee Dr., Bridgeton-Hazleton, MO 63042	95,000*
50	Sierra Processing (a subsidiary of Waste Connections)	865 South Pearl St., Albany, NY 12202	92,000
51	Dem-Con Cos.	13020 Dem-Con Dr., Shakopee, MN 55379	90,000
52	Ricova RSC	2240 Rue Michel-Jurdant, Montreal, QC H1Z 4N7, Canada	87,907
53	Waste Management Inc.	3518 4th Ave. N, Tampa, FL 33605-5816	87,146
54	Waste Management Inc.	5610 FM 1346, San Antonio, TX 78220	85,166
55	Republic Services Delaware	1101 Lambsons Lane, New Castle, DE 19720	85,000*
56	Waste Management Inc.	72 Salem Rd., North Billerica, MA 01862-2707	84,002
57	LRS	6201 W Canal Bank Rd., Forest View, IL 60402	82,690
58	Single Stream Recyclers, a Balcones Co.	3901 N Orange Ave., Sarasota, FL 34234	82,141
59	Casella Recycling	15 Hardscrabble Rd., Auburn, MA 01501	81,798
60	Emterra Environmental	6362 – 148th St., Surrey, BC V3S 3C4, Canada	81,750*
61	Friedman Recycling	5021 Edith NE, Albuquerque, NM 87107	81,600
62	Sims Municipal Recycling	1 Linden Ave. E, Jersey City, NJ 07305	81,000
63	Waste Management Inc.	650 Townsend Rd., Cocoa, FL 32926	80,412
64	Republic Services	725 44th Ave. N, Minneapolis, MN 55412	80,000*
65	LRS	111 N 22nd Ave., Minneapolis, MN 55411	79,045
66	TFC Recycling	1958 Diamond Hill Rd., Chesapeake, VA 23324	78,750*
67	American Disposal Services (Waste Connections)	10370 Central Park Dr., Manassas, VA 20110	77,300*
68	GreenWaste Recovery	625 Charles St., San Jose, CA 95112	77,000*
69	Republic Services	1949 Hormel Dr., San Antonio, TX 78219	76,850*
70	Montgomery County, Maryland	16105 Frederick Rd., Derwood, MD 20855	76,680*
71	Rhode Island Resource Recovery Corp.	65 Shun Pike, Johnston, RI 02919	76,430
72	Waste Management Inc.	2404 S 88th Ave., Kansas City, KS 66111	75,878
73	FCC Environmental Services	5220 Simpson Stuart Rd., Dallas, TX 75241	75,000
74	Republic Services	1007 Amble Dr., Charlotte, NC 28206	74,500*
75	Republic Services	10550 Buckingham Rd., Fort Myers, FL 33905	73,000*

*Estimate

AVAILABLE ONLINE: An electronic version of this list and map is available at www.RecyclingToday.com/page/webexclusives.

MRF LIST AND MAP
SPONSORED BY:

VAN DYK
recycling solutions
www.vdrs.com