



Destination Disposal: Maine

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MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Protecting Maine's Air, Land and Water

Presentation Overview

- Maine's Waste Generation and Disposal Capacity Report
- Maine Waste Handling Infrastructure
- Waste Types, Volumes and Disposition
- Interstate Waste Flow – Key Points



Maine Waste Generation and Disposal Capacity Report

- Statutory requirement for biennial submission to Legislature (38 M.R.S. § 2124-A)
- Report submitted in January 2021
- Purpose/Content
- Data sources include: annual waste handling facility, stewardship program, and recycling broker reports



Maine Waste Handling Infrastructure

- 250 licensed transfer stations
- 40 active landfills:
 - ✓ 6 municipal (MSW, MSW ash)
 - ✓ 3 municipal (WTP sludge)
 - ✓ 19 municipal (CDD/woodwaste only)
 - ✓ 1 State-owned (special waste, MSW, CDD)
 - ✓ 1 commercial (special waste, MSW, CDD)
 - ✓ 10 generator owned (special waste, wood waste)



Infrastructure – cont.

- 3 waste-to-energy (WTE) facilities
- 1 MSW processing facility
- 2 commercial CDD processing facilities
- Recycling and composting facilities (including 1 commercial sludge composting facility)
- 1 commercial anaerobic digester (AD)



MSW: Volumes, Disposition 2019

Maine generated MSW: 1.36 M tons

- Landfilled in-State: 403,644 tons
- Waste-to-energy: 420,687 tons
- Disposed out-of-State: 19,764 tons
- Recycled/composted/AD: 513,195 tons



MSW: Volumes, Disposition (cont.) 2019

Out-of-State Generated MSW

- Waste-to-energy
 - ✓ PERC – Orrington: 28,304 tons (MA)
595 tons (NH)
 - ✓ ecomaine – Portland: 5466 tons (NH)
 - ✓ MMWAC – Auburn: 154 tons (NH)
- Anaerobic digestion (organics):
 - ✓ Exeter AgriEnergy 7786 ton (MA)
2830 tons (VT)



CDD: Volumes, Disposition 2019

Maine generated CDD: 470,000 tons

- Disposed (landfill and WTE): 440,336 tons
- Landfilled as ADC, shaping, grading: 16,335 tons
- Recycled, beneficially used: 11,624 tons
- Disposed out-of-State: 1,423 tons



CDD: Volumes, Disposition (cont.)

CDD Processing Facilities - 2019

Resource Waste Services Lewiston (RWSL);

Aggregate Recycling Corp. - Eliot (ARC)

	RWSL	ARC
Total CDD received (tons)	235,650 176,738 - MA 37,704 - NH 21,208 - ME	49,342 23,684 - ME 21,711 - NH 3,947 - MA
Beneficial Use/Recycle	18,932	1,373
Residues to Landfill - ADC, etc.	136,600	3,507
Residues to Landfill - Disposal	90,023	52,587



Waste Volumes, Disposition (cont.)

Waste Disposal (tons) at Maine's 2 Largest Landfills – 2019

Juniper Ridge (JRL) – Old Town;
Crossroads (WM) - Norridgewock

	JRL	WM	Totals
ME MSW	125,712	187,801	313,513
OOS* MSW	0	5	5
ME CDD	301,083	76,498	377,581
OOS CDD	0	104	104
ME Special	129,164	25,363	154,527
OOS Special	0	76,293	76,293
ME ADC	140,256	80,540	220,796
OOS ADC	0	104,197	104,197
Totals	696,215	550,801	1,247,016
* Out-of-State			

Interstate Waste Flow – Summary Points

- Vast majority of Maine generated waste is handled/disposed at Maine facilities.
- A total of 31,266 tons of Maine generated waste was landfilled out-of-State in 2019 (19,764 tons of MSW, 1,423 tons of CDD, and 10,079 tons of special waste).
- Varying volumes of out-of-State waste are accepted in Maine at: 3 WTE facilities, 1 commercial landfill, 1 commercial CDD processing facilities, 1 commercial anaerobic digester, and 1 commercial sludge composting facility.





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