

RECYCLING / WASTE-TO-ENERGY

OPPORTUNITIES

RECYCLING		WASTE - TO - ENERGY	
◆ ALUMINUM	◆ SCRAP METAL	◆ FLAMMABLE LIQUIDS	◆ OILY WATER
◆ ANTIFREEZE	◆ VEHICLE BATTERIES	◆ FUELS	◆ USED OIL

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STATISTICS

MATERIAL	FY18 QUANTITIES	FY19 QUANTITIES	FY20 QUANTITIES	TOTALS	COMMENTS / EXPLANATION
Aluminum	604 lbs.	743 lbs.	376 lbs.	1,723 lbs.	Aluminum cans and miscellaneous pieces are recycled through a contractor.
Antifreeze	15,898 gallons	14,521 gallons	12,350 gallons	42,769 gallons	Antifreeze is collected, consolidated, and recycled through a hazardous waste contractor.
Scrap Metal / Automobile Program	644 tons 502 automobiles	1257 tons 575 automobiles	1274 tons 546 automobiles	3,175 tons 1,623 automobiles	Junk automobiles along with other miscellaneous metal are recycled as scrap metal after hazardous materials are removed.
Vehicle Batteries	0	2.06 tons / 4,120 lbs. 103 vehicle batteries	0	2.06 tons / 4,120 lbs. 103 vehicle batteries	Batteries are collected and recycled through a contractor.
Flammable Liquids	5,115 gallons	4,510 gallons	3,355 gallons	12,980 gallons	Old gasoline, oil-based paints, paint thinner, and other hazardous wastes that are combustible, are used as a waste-to-energy fuel.
Fuels	39 – 1,000 lb. boxes	39 – 1,000 lb. boxes	34 – 1,000 lb. boxes	112 – 1,000 lb. boxes	Old gasoline, oil-based paints, paint thinner, and other hazardous wastes that are combustible, are used as a waste-to-energy fuel.
Oily Water	0 gallons	1,925 gallons	2,300 gallons	4,225 gallons	The Solid Waste Facility utilizes a contractor to transport the oily water to an energy recovery facility, where the oil is separated from the water and used in a used oil boiler.
Used Oil	19,544 gallons	19,361 gallons	19,595 gallons	58,500 gallons	Used oil is collected and burned for energy recovery in used-oil space heaters that heat onsite buildings. The USED OIL RECOVERY PROGRAM has resulted in significant savings of used oil disposal costs and reduced the need to purchase heating fuel.
Used Cooking Oil & Grease	4,675 gallons	6,270 gallons	5,390 gallons	16,335 gallons	Generally not accepted. Cooking oil & grease can be recycled and properly disposed in Fairbanks. ▶▶ SEE WEBSITE FOR OPTIONS.