

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	FY17 QUANTITIES	FY18 QUANTITIES	FY19 QUANTITIES	TOTALS	COMMENTS / EXPLANATION
Aluminum	262 lbs.	604 lbs.	743 lbs.	1,609 lbs.	Aluminum cans and miscellaneous pieces are recycled through a contractor.
Antifreeze	13,967 gallons	15,898 gallons	14,521 gallons	44,386 gallons	Antifreeze is collected, consolidated, and recycled through a hazardous waste contractor.
Scrap Metal / Automobile Program	252 tons 437 automobiles	644 tons 502 automobiles	1257 tons 600 automobiles	2,153 tons 1,539 automobiles	Junk automobiles along with other miscellaneous metal are recycled as scrap metal after hazardous materials are removed.
Vehicle Batteries	3 tons / 6,000 lbs. 150 vehicle batteries	0	2.06 tons / 4,120 lbs. 103 vehicle batteries	5.06 tons / 10,120 lbs. 253 vehicle batteries	Batteries are collected and recycled through a contractor.
Flammable Liquids	3,520 gallons	5,115 gallons	4,510 gallons	13,145 gallons	Old gasoline, oil-based paints, paint thinner, and other hazardous wastes that are combustible, are used as a waste-to-energy fuel.
Fuels	46 – 1,000 lb. boxes	39 – 1,000 lb. boxes	39 – 1,000 lb. boxes	124 – 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	689 gallons	0 gallons	1,925 gallons	2,614 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	23,523 gallons	19,544 gallons	19,361 gallons	62,428 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	5,280 gallons	4,675 gallons	6,270 gallons	16,225 gallons	Generally not accepted. Cooking oil & grease can be recycled and properly disposed in Fairbanks. ▶▶ SEE WEBSITE FOR OPTIONS.