

RECYCLING / WASTE-TO-ENERGY

OPPORTUNITIES

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

STATISTICS

MATERIAL	FY09 QUANTITIES	FY10 QUANTITIES	FY11 QUANTITIES	TOTALS	COMMENTS / EXPLANATION
Aluminum	240 lbs.	700 lbs.	0 lbs.	940 lbs.	Aluminum cans and miscellaneous pieces are recycled through a contractor.
Antifreeze	6,760 gallons	9,540 gallons	6,507 gallons	22,807 gallons	Antifreeze is collected, consolidated, and recycled through a hazardous waste contractor.
Scrap Metal / Automobile Program	738 tons 949 automobiles	1,827 tons 790 automobiles	651 tons 675 automobiles	3,216 tons 2,414 automobiles	Junk automobiles along with other miscellaneous metal are recycled as scrap metal after hazardous materials are removed.
Vehicle Batteries	147 tons / 294,000 lbs. 7,350 vehicle batteries	159 tons / 318,280 lbs. 7,957 vehicle batteries	113 tons / 226,060 lbs. 5,652 vehicle batteries	419 tons / 838,340 lbs. 20,959 vehicle batteries	Batteries are packaged and shipped to a recycling facility.
Flammable Liquids	3,280 gallons	5,115 gallons	5,065 gallons	13,460 gallons	Old gasoline, oil-based paints, paint thinner, and other hazardous wastes that are combustible, are used as a waste-to-energy fuel.
Fuels	56 – 1,000 lb. boxes	78 – 1,000 lb. boxes	65 – 1,000 lb. boxes	199 – 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	9,500 gallons	7,650 gallons	5,776 gallons	22,926 gallons	The landfill 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	18,333 gallons	24,883 gallons	22,021 gallons	65,237 gallons	Used oil is collected and burned for energy recovery in used-oil boilers that heat onsite buildings. The USED OIL RECOVERY PROGRAM has resulted in significant savings of used oil disposal costs and negated the need to purchase heating fuel.
Used Cooking Oil & Grease	N/A	N/A	4,125 gallons	4,125 gallons	Generally not accepted. Cooking oil & grease can be recycled and properly disposed in Fairbanks. ▶▶ SEE WEBSITE FOR OPTIONS.