

# 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	FY16 QUANTITIES	FY17 QUANTITIES	FY18 QUANTITIES	TOTALS	COMMENTS / EXPLANATION
<b>Aluminum</b>	830 lbs.	262 lbs.	604 lbs.	<b>1,696 lbs.</b>	Aluminum cans and miscellaneous pieces are recycled through a contractor.
<b>Antifreeze</b>	17,475 gallons	13,967 gallons	15,898 gallons	<b>47,340 gallons</b>	Antifreeze is collected, consolidated, and recycled through a hazardous waste contractor.
<b>Scrap Metal / Automobile Program</b>	399 tons 243 automobiles	252 tons 437 automobiles	644 tons 502 automobiles	<b>1,295 tons</b> <b>1,182 automobiles</b>	Junk automobiles along with other miscellaneous metal are recycled as scrap metal after hazardous materials are removed.
<b>Vehicle Batteries</b>	6 tons / 12,000 lbs. 300 vehicle batteries	3 tons / 6,000 lbs. 150 vehicle batteries	0	<b>9 tons / 18,000 lbs.</b> <b>450 vehicle batteries</b>	Batteries are collected and recycled through a contractor.
<b>Flammable Liquids</b>	2,475 gallons	3,520 gallons	5,115 gallons	<b>11,110 gallons</b>	Old gasoline, oil-based paints, paint thinner, and other hazardous wastes that are combustible, are used as a waste-to-energy fuel.
<b>Fuels</b>	41 – 1,000 lb. boxes	46 – 1,000 lb. boxes	39 – 1,000 lb. boxes	<b>126 – 1,000 lb. boxes</b>	Old gasoline, oil-based paints, paint thinner, and other hazardous wastes that are combustible, are used as a waste-to-energy fuel.
<b>Oily Water</b>	1,739 gallons	689 gallons	0 gallons	<b>2,428 gallons</b>	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.
<b>Used Oil</b>	18,780 gallons	23,523 gallons	19,544 gallons	<b>61,847 gallons</b>	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.
<b>Used Cooking Oil &amp; Grease</b>	2,365 gallons	5,280 gallons	4,675 gallons	<b>12,320 gallons</b>	Generally not accepted. Cooking oil & grease can be recycled and properly disposed in Fairbanks. ▶▶ SEE WEBSITE FOR OPTIONS.