



## Fall 2008 Special Recycling Collection Event Reimbursement Report

**1. Project Title:**

Federal Way Fall Special Recycling Collection Event

**2. Time and Location:**

Event Date/Hours: September 27, 2008, 9 am to 3 pm

Event Location: Twin Lakes Park & Ride, S 344<sup>th</sup> & 21<sup>st</sup> Ave SW, Federal Way

**3. Community Participation Rate:**

All residents in the Federal Way area were eligible to participate in the Collection Event. 1,282 carloads of participants attended the event, with steady traffic.

**4. Type and Volume of Materials Collected:**

Material Collected	Quantity	Unit	Ave Weight (lbs)	Weight (lbs)	Weight (tons)
Tires - off rim	249	count	20	4,980	-
Tires - on rim	101	count	40	4,040	-
Tires - heavy equipment	0	count	-	0	-
Subtotal tires	-	-	-	9,020	4.51
Lead acid batteries	3,220	pounds	-	3,220	-
Batteries: alkaline	833	pounds	-	833	-
Batteries: Ni-cad / NI-MH	60	pounds	-	60	-
Batteries: lithium ion	19	pounds	-	19	-
Subtotal batteries	-	-	-	4,132	2.07
Motor oil	440	gal	7	3,080	1.54
Oil filters	55	gal	8	440	0.22
Antifreeze	110	gal	8	880	0.44
Gasoline	55	gal	7	385	0.19
CFC appliances	69	count	205	14,162	7.08
Televisions	157	count	70	10,990	5.50
Console/oversize	33	count	125	4,125	2.06
Monitors	222	count	27	5,994	3.00
CPUs	3,607	pounds	-	3,607	1.80
Electronic scrap	13,032	pounds	-	13,032	6.52
Compact fluorescents	75	count	0.33	25	-
Fluorescent tubes 8 ft.	150	count	0.75	113	-
Fluorescent tubes 4 ft.	400	count	0.5	200	-
Fluorescent tubes - other	28	count	0.39	11	-
Subtotal tubes	653	-	-	348	0.17
Ballasts, etc.	-	pounds	-	0	0.00
Yard waste	11.47	tons	-	22,940	11.47
Wood scrap	14.90	tons	-	29,800	14.90
Scrap metal	18.96	tons	-	37,920	18.96

Cardboard	100	pounds	-	100	0.05
Wires and light strands	391	pounds	-	391	0.20
Packing materials	55	pounds	-	55	0.03
Rigid plastic	2,398	pounds	-	2,398	1.20
Household goods	13	gaylords	400	5,200	2.60
<b>GRAND TOTAL</b>				<b>168,999</b>	<b>84.5</b>

## 5. Vendors:

Total Reclaim Seattle, WA	CFC appliances and electronics
Ecolights Seattle, WA	Fluorescent lamps
L&S Tire Lakewood, WA	Tires
Goodwill Tacoma WA	Reusable household goods
Emerald Petroleum Seattle, WA	Used motor oil, oil filters, fuel and antifreeze
All Battery Sales and Service Everett, WA	Lead acid, NiCad and alkaline household batteries
Waste Management Auburn, WA	Scrap metal, bulky yard debris and wood waste
Avoco Plastics Auburn, WA	Rigid plastic
Holiday Lights Recycling Federal Way, WA	Wires, light strands and packing materials

## 6. Event Costs:

Item	Vendor	Cost
Electronics and CFC appliances	Total Reclaim	\$3,888.00
Fluorescent lamps	EcoLights Northwest	\$350.00
Tires	L&S Tire	\$614.25
Petroleum products	Emerald Recycling Services	\$1,648.35
Batteries	All Battery Sales and Service	\$411.90
Scrap metal and wood	Waste Management	\$6,894.32
Event management	City staff	\$6251.02
Sweeper services	Action Services Corp	\$100.00
Portable toilet	Head Quarters	\$81.50
Refreshments	Fred Meyer and Dumas Bay	\$418.97
Event supplies	Fred Meyer and Cash&Carry	\$37.31
Traffic cones	National Barricade	\$538.46
Brochure development	Jenny Thuillier Graphics	\$534.00
Site map printing	Priority Print Management	\$76.06
Brochure printing	ESP Printing	\$3,373.55
Brochure mailing	US Postmaster	\$3,086.74
Park & Ride rental	WSDOT	\$200.00
		<b>\$28,504.43</b>

## **7. Impact Objectives:**

By hosting a special recycling event, Federal Way helped to reduce the amount of potential environmentally damaging materials that might otherwise be disposed or dumped at landfills, storm drains, streams, and similar environmentally sensitive sites in and around Federal Way. Residents brought a total of 85 tons of material to this event or an average of 132 pounds per vehicle. By offering the event, the city successfully diverted these materials from Federal Way's wastestream.

Because of this waste stream diversion, a number of benefits resulted, including reducing potential damage to the environment and possible health risks to area residents and solid waste service personnel. In addition to collecting materials, we provided attendees with information about Wastemobile HHW collection services.