

Solid Waste Division – 2009 Annual Report

Prepared by: George Hayducsko, Solid Waste Director

The Dunn County Solid Waste and Recycling Management Board was created during 1992 by the Dunn County Board of Supervisors. The Board of Supervisors formed the Solid Waste and Recycling Management Board to establish and operate a Solid Waste and Recycling Management System for the County of Dunn. Through the Dunn County Solid Waste Division (DCSWD) the Solid Waste and Recycling Management Board has endeavored to provide efficient and economical waste management and recycling programs for member municipalities, public, businesses, and the waste haulers.

During 1998, the Dunn County Solid Waste and Recycling Management Board were recreated by the Dunn County Board of Supervisors. The Solid Waste and Recycling Management Board maintained most of its management authority, including the ability to contract for services, accept grants, assess fees, and the ability to create, and maintain reserves for future capital outlays for solid waste and recycling disposal facilities and equipment.

The Solid Waste and Recycling Management Board lost its standing committee status in 1998, and the standing committee responsibilities were given to the Planning, Resources & Development Committee.

Solid Waste and Recycling Management Board members from left to right: Herb Dow, Richard Johnson, Greg Bakke, Pilar Gerasimo, Dale Harschlip, Susan Beety, George Hayducsko (Director), and Ron Welsch. Not pictured: David Bartlett and Donald Miller.



Solid Waste Division Highlights

Event Recycling Program

The Event Recycling program was officially kicked off during 2009. The colorful event recycling trailer stores over 60 recycling bins and lids along with plastic bags and educational materials. The bins were used at a number of large events such as The Colfax Free Fair, Freedom Fest, County Fair, and the Dairyland Days Breakfast. Smaller venues include weddings, corporate picnics and even a baby shower. Pepin County, who doesn't have their own program, used the bins at the Stockholm Art Fair. The bins are available on a first come basis for any event and reservations are highly encouraged.



Elk Mound Area Collection Station Upgrade

Two major upgrades were made at the Elk Mound Area Collection Station:

- A new scrap metal drop-off area was constructed with a concrete retaining wall which allows the top of the roll-off to be a few feet above grade. The public is now able to load the roll-off from the top which reduces scavenging and cost by not having the village staff load the metal into the roll-off.
- The Collection Station was blacktopped and concrete pads were constructed under all of the recycling roll-offs, construction & demolition roll-offs along with two switching pads. The public is very pleased with the improvements and their cars are staying cleaner along with their shoes.



Transfer Station and Recycling Center Public Drop-Off Area

In an effort to provide a safer and more convenient site to recycle and dispose of solid waste a new Public Drop-Off Area was built at the Transfer Station and Recycling Center. Construction consisted of building a large pond to retain runoff, curb and gutter to control runoff, blacktop, concrete pads for the solid waste and recycling boxes, a building which includes a small office and storage for specialty items such as electronic, oil filters, antifreeze, bulbs, etc. and overhead lighting for the entire site. The Public Drop-Off Area will open during 2010 after solid waste and recycling containers are delivered.



Curbside Collection Drop-Off Area at the Transfer Station and Recycling Center

An outside concrete slab was constructed and bunkers added to facilitate the off loading of the curbside collection vehicles. The addition of the bunkers has allowed the curbside collection vehicles to off load quicker and our staff time to manage the materials has been reduced.



Transformer Replaced at the Transfer Station and Recycling Center

Dunn Energy notified the Solid Waste Office that they are no longer able to service the transformer (120/240 volt) that we had at the Transfer Station in a timely manner. They offered to replace the transformer with a new one (120/208 volt) for free and pay up to \$2,000 to replace any equipment at the facility that would need to be modified because of the transformer change. The motor on the bailer was the only equipment that needed to be changed



Hazardous Waste Collection Program Returns to Dunn County

Dunn County residents had the opportunity to dispose of hazardous waste in Dunn County free of charge. Businesses also participated but had to pay the total cost of the material. 209 households and 10 businesses participated. 14,181 pounds of hazardous waste was collected during the events.



Year-Round Medication Drop Off

A permanent drop-off location for all medications is available year round at the Sheriff's Office. The Solid Waste Division provides the promotion and the incineration of the medications along with the funding.



Solid Waste Division 2010 Future Projects

- Investigate the best method of collecting and processing recyclable in Dunn County
- Purchase the containers for and open the Public Drop-Off Area.
- Finish the Pandemic Plan
- Investigate the advantages/disadvantages of roadside collection of recyclables in rural Dunn County
- Finish the compactor lockout/tagout procedures
- Contract for electronic recycling services
- Draft the RFP for Hauling of solid waste and recyclables from the Area Collection Stations and Transfer Station and for the disposal of the solid waste and possibly for the processing of recyclables
- Continue to draft the updated Solid Waste & Recycling Ordinance
- Continue to find the best markets (stable and best paying) for our recyclables
- Continue to work with the Schools on their recycling programs
- Maintain the recycling program for convenience gas station stores and apartments
- Maintain the Event Recycling Program

SOLID WASTE	2004	2005	2006	2007	2008	2009
TRANSFER STATION	16811.35	17339.45	17198.32	19355.76	20969.49	17626.21
COLLECTION SITES	2048.20	1899.79	1994.36	2104.33	2007.60	2206.93
C & D Collection Sites	570.65	745.22	663.33	648.10	634.51	641.02
RIDGELAND	98.69	96.50	90.64	84.44	74.87	82.15
TOTAL (TONS)	19528.89	20080.96	19946.65	22192.63	23686.47	20556.31
BUSINESS	15072.70	16201.56	16113.82	17912.68	19489.43	16698.02
HOUSEHOLD WASTE TS	1738.65	1137.89	1084.50	1443.08	1480.06	928.19

Tipping Fee

	2004	2005	2006	2007	2008	2009
		\$138,355.04	\$145,510.56	\$23,870.93	\$42,996.12	\$83,602.49
		(\$276,552.52)	(\$143,562.18)	(\$155,756.37)	(\$162,164.24)	(\$228,660.40)
	(\$21,230.18)	(\$24,115.13)			(\$21,038.64)	(\$27,911.83)

RECYCLING	2004	2005	2006	2007	2008	2009
CARDBOARD	733.73	937.23	856.02	1029.62	1002.04	875.58
NEWSPAPER	479.39	531.74	552.34	612.16	684.05	479.49
OFFICE PAPER	16.64	0	0	0	0	9.28
MAGAZINES	52.91	0	0	0	0	0
TIN	84.06	100.32	85.01	96.21	89.59	87.48
ALUM. CANS	20.73	23.61	15.85	12.22	11.07	12.21
HDPE PLASTIC	61.22	55.00	67.31	55.45	57.23	77.32
PETE PLASTIC	55.17	54.90	69.95	70.04	64.00	89.46
CLEAR GLASS	240.94	236.37	273.30	240.57	242.61	240.55
GREEN GLASS	46.86	51.34	46.81	50.52	51.81	53.97
BROWN GLASS	253.32	238.52	257.70	248.19	254.88	231.12
TOTAL (TONS)	2044.98	2229.04	2224.29	2414.95	2457.28	2156.46

	2004	2005	2006	2007	2008	2009
	\$63,570.67	\$72,768.21	67,074.17	\$116,986.29	\$96,902.78	\$53,030.75
	\$45,680.86	\$43,133.45	38,512.49	\$60,614.50	\$77,453.87	\$27,375.30
	\$2,273.85	0	1,581.13	0	0	0
	\$3,502.25	0	0	0	0	0
	\$13,463.51	\$10,569.97	11,210.59	\$15,958.15	\$17,736.02	\$8,473.41
	\$23,411.23	\$24,106.18	26,572.00	\$21,304.40	\$15,969.57	\$12,777.36
	\$15,410.20	\$28,987.06	\$30,003.92	\$20,979.36	\$28,616.94	\$20,473.40
	\$15,295.50	\$18,216.83	\$14,246.49	\$16,098.52	\$16,599.28	\$14,889.10
	\$3,065.18	\$756.10	\$6,049.21	\$7,112.18	\$6,259.52	\$9,773.77
	(\$593.14)	(\$254.66)	(\$250.63)	(\$1,744.79)	(\$2,475.21)	(\$711.91)
	\$1,590.20	(\$291.43)	(\$2,548.75)	(\$4,327.35)	(\$2,338.15)	(\$1,672.79)
	\$186,670.31	\$197,991.71	192,450.62	\$252,981.26	\$254,724.62	\$144,408.39

BATTERIES (Tons)	8	7	8	9	0	3
SCRAP METAL (Tons)	658	543	482	469.18	376.49	389.23
OIL (Gals.)	15170	14945	14655	13360	11280	10800
APPLIANCE (#)	2169	1909	1955.00	646	487	560
AIR CONDS. (#)	116	122	135	180	101	106
TIRES (Tons)	96.57	90.45	90	130.46	161.51	146.93
YARD WASTE	0	0	0	0	0	0
ANTIFREEZE (gal.)	665	250	305	726	470	281
USED OIL FILTERS (gal)	425	370	903	960	1049	1275
INK JET CARTRIDGES	648	531	355	69	0	0
BATTERY BOXES	9	6	10	17	16	29
CELL PHONES	78	253	0	261	96	35
SHARP CONTAINERS	4	9	13	127	100	815
FLUORESCENT BULBS	732	1773	7152	5175	10649	14890
ELECTRONICS			1300	1520	1665	4711

	\$13,498.87	\$30,398.74	\$67,618.77	\$57,802.66	\$83,083.02	\$32,888.19
	\$2,503.60	\$3,415.55	\$7,951.80	\$7,209.25	\$7,312.50	\$3,182.00
	\$25,682.80	\$23,016.50			\$8,093.00	\$8,497.25
	(\$910.46)	(\$2,453.95)	(\$207.51)	(\$3,973.72)	(\$5,544.91)	(\$5,392.95)
	(\$4,807.06)	(\$6,367.44)	(\$4,783.59)	(\$5,076.16)	(\$4,994.92)	(\$5,927.34)
	(\$1,086.25)	(\$85.50)				
	(\$300.00)	(\$480.00)	(\$1,011.25)	(\$1,027.50)	(\$894.00)	(\$992.00)
	\$456.92	\$405.44	\$407.77			
	\$38.11	\$108.90	\$134.40			
					(\$503.04)	
	\$36.60	\$29.73			(\$2,090.83)	(\$2,358.15)
					(\$22,549.65)	(\$26,000.50)
	\$ 35,113.13	\$ 47,987.97	70110.39	\$54,934.53	\$61,911.17	\$3,896.50

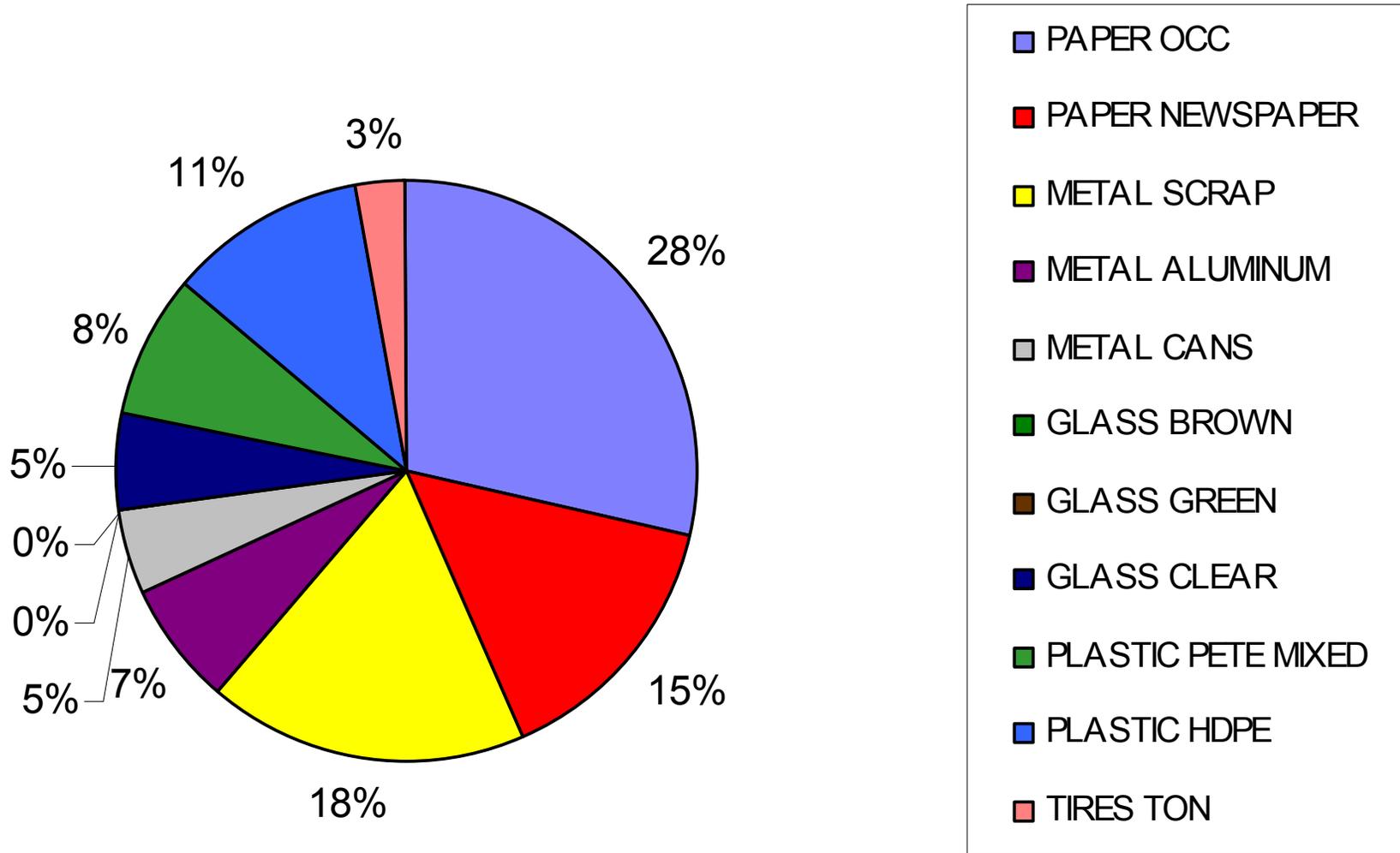
Transfer Station Solid Waste Net Revenue is from the DataNow information for Revenue (46444 and 46450) minus Total Expenses (56801)
Collection Station Solid Waste Net Revenue is from the DataNow information for Revenue (46438) minus Total Expenses (56802). [C&D Collection Sites Net Revenue is included in this figure.]
C & D Collection Sites Net Revenue is a link from the Collection Station Receipts.xls (Demolition plus Furniture & Waste) plus a formula which includes the expenses from DataNow (56802-2918)
Oil revenue is obtained from the paper file of checks received
Appliance Revenue is from a link from the Collection Station Receipts.xls The expenses are include in the scrap metal checks.
Tires Net Revenue is from the DataNow information for Revenue (46480) and Expenses (56901-2906 and 56902-2906)
Yard Waste is expense from DataNow (56902-3490)
Antifreeze is expense from DataNow (56801-2911 and 56802-2911)
Used Oil Filters is expense from DataNow (56801-2913 and 56802-2913)
Fluorescent Bulb Net Revenue is from a link from the Collection Station Receipts.xls (which includes the Transfer Station data)
plus a formula which includes the expenses from DataNow (56801-2919 and 56802-2919)
Electronics Net Revenue is from a link from the Collection Station Receipts.xls (which includes the Transfer Station data)
Y:\Environmental Services\DWSP\Financial\which includes the expenses from DataNow (56801-2917 and 56802-2917)

2009 Tonnage Summary

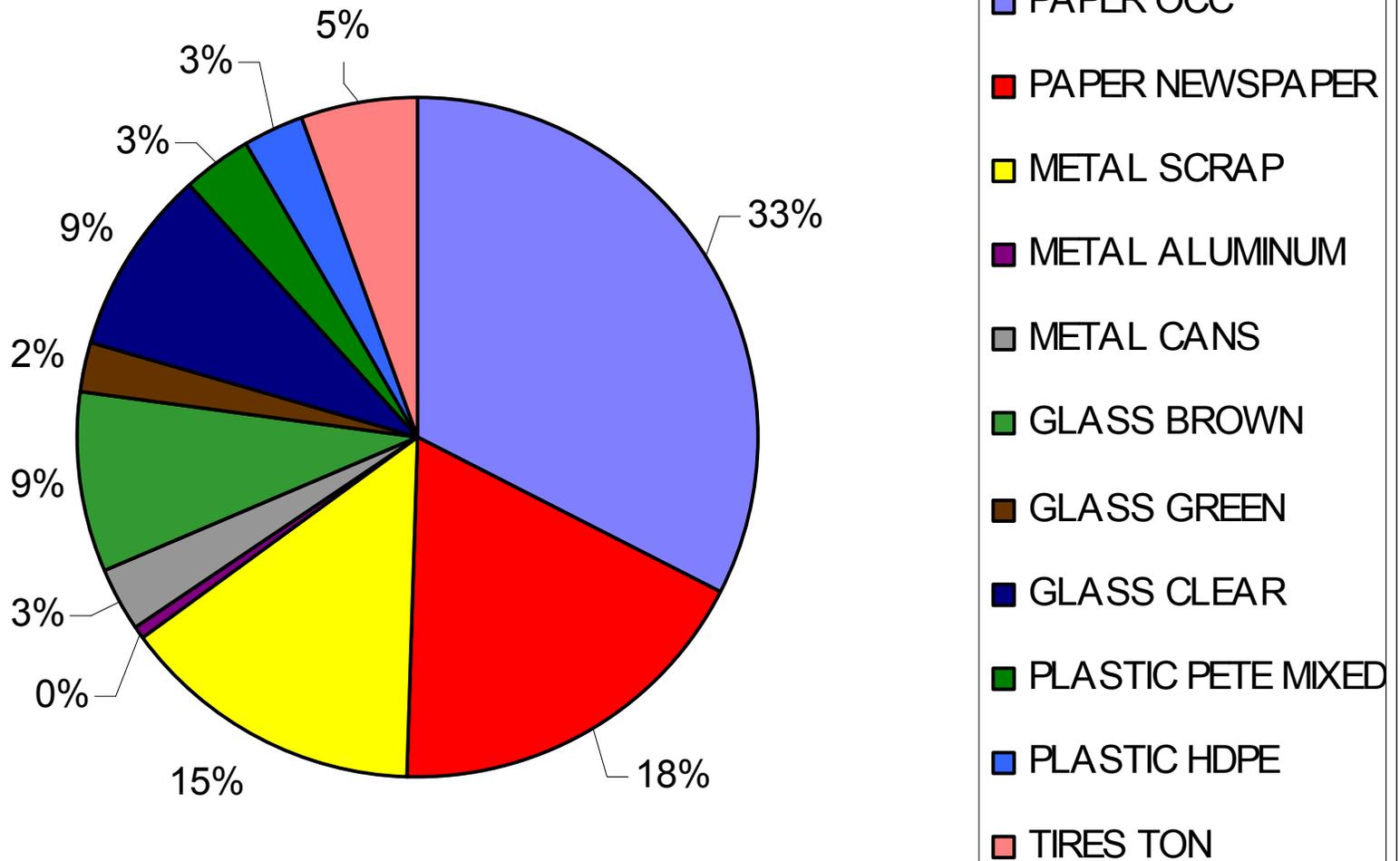
	PAPER	PAPER	METAL	METAL	METAL
	OCC	NEWSPAPER	SCRAP	ALUMINUM	CANS
Average Per Ton	60.57	57.09	84.49	0.52	96.86
Minimum Per Ton	15.00	25.00	60.00	0.48 /lb.	80.00
Maximum Per Ton	75.00	80.00	115.00	0.95 /lb. (2008)	325.00 (2008)
2009 Total Tons	875.58	479.49	389.23	12.21	87.48
2009 Revenue	\$53,030.75	\$27,375.30	\$32,888.19	\$12,777.36	\$8,473.41

	GLASS	GLASS	GLASS	PLASTIC	PLASTIC	TIRES
	BROWN	GREEN	CLEAR	PETE MIXED	HDPE	TON
Average Per Ton	(\$7.24)	(\$13.19)	40.63	0.08	0.13	(\$36.70)
Minimum Per Ton	\$26/T -shipping	\$0/T -shipping	\$60/T -shipping	0.055 /lb.	0.105/lb	
Maximum Per Ton	\$27/T -shipping	\$0/T -shipping	\$62/T -shipping	0.09 /lb.	0.16/lb	
2009 Total Tons	231.12	53.97	240.55	89.46	77.32	146.93
2009 Revenue	(\$1,672.79)	(\$711.91)	\$9,773.77	\$14,889.10	\$20,473.40	(\$5,392.95)

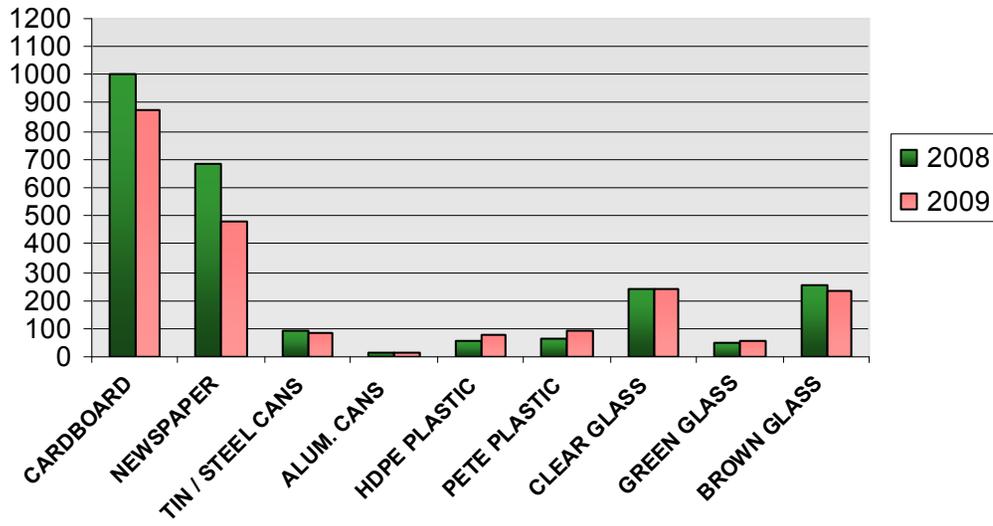
2009 Recyclables Revenue Percent



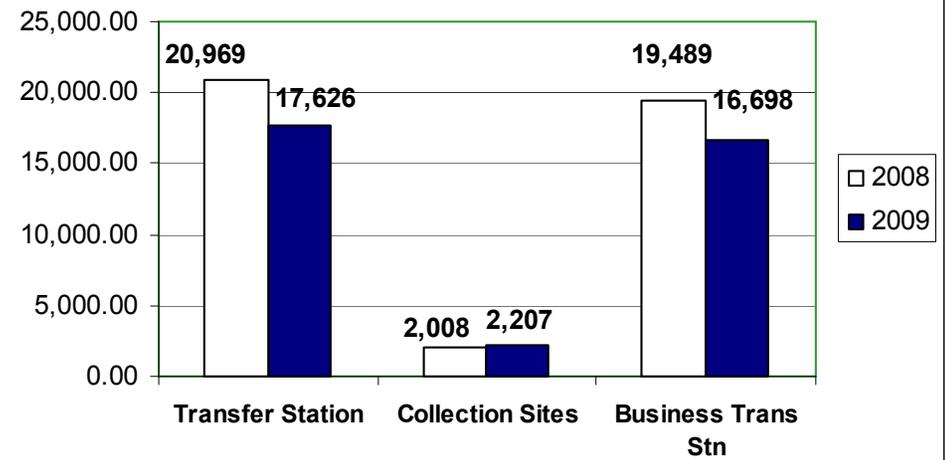
2009 Recyclables Tonnage Percent



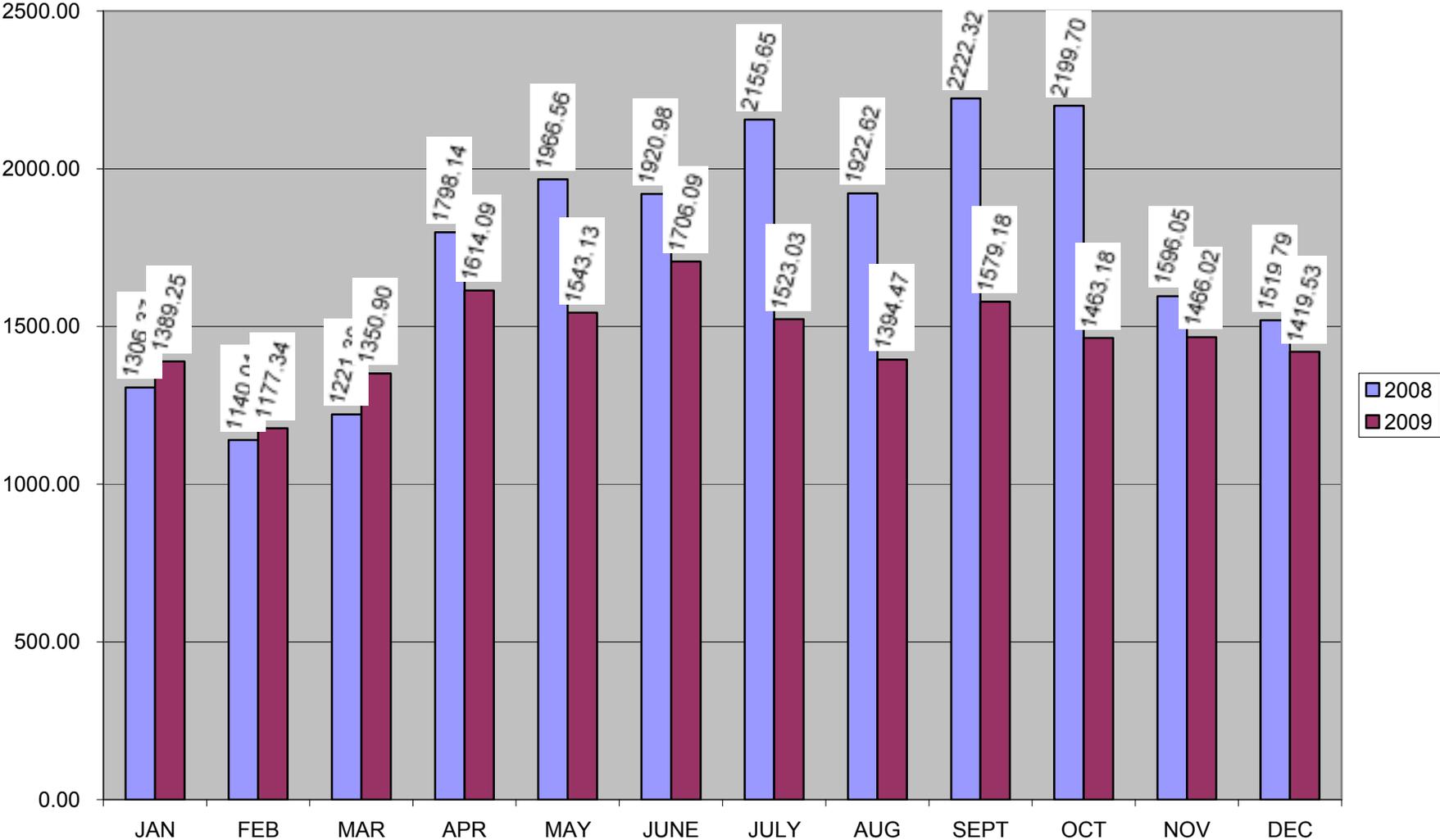
2008 & 2009 Recycling



Solid Waste Tonnage Summary Jan. - Dec. (Tons)



2008 - 2009 Transfer Station Tonnage



2009 SOLID WASTE & RECYCLING SUMMARY (TONS)

SOLID WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TRANSFER STATION	1389.25	1177.34	1350.90	1614.09	1543.13	1706.09	1523.03	1394.47	1579.18	1463.18	1466.02	1419.53	17626.21
COLLECTION SITES	158.62	132.81	152.27	197.71	184.12	201.45	219.21	172.35	214.25	199.00	189.05	186.09	2206.93
DEMO Collection Sites	27.14	18.32	47.23	70.90	59.09	70.74	69.15	56.67	55.09	78.89	56.01	31.79	641.02
RIDGELAND	4.98	3.86	4.92	6.22	6.71	7.89	4.72	9.27	7.06	13.25	7.61	5.66	82.15
TOTAL (TONS)	1579.99	1332.33	1555.32	1888.92	1793.05	1986.17	1816.11	1632.76	1855.58	1754.32	1718.69	1643.07	20556.31
BUSINESS Trans Stn	1346.21	1141.55	1302.21	1516.50	1447.14	1589.30	1442.98	1334.25	1472.04	1380.92	1353.71	1371.21	16698.02
HOUSEHOLD WASTE TS	43.04	35.79	48.69	97.59	95.99	116.79	80.05	60.22	107.14	82.26	112.31	48.32	928.19

RECYCLING	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
CARDBOARD	60.07	41.06	65.69	45.20	45.02	112.49	67.42	59.47	112.92	111.08	91.30	63.86	875.58
NEWSPAPER	63.44	62.59	42.46	43.66	22.61	43.56	12.85	31.40	21.41	22.41	44.73	68.37	479.49
OFFICE PAPER							9.28						9.28
MAGAZINES													0.00
TIN / STEEL CANS							58.40		14.63			14.45	87.48
ALUM. CANS							6.75		3.10			2.36	12.21
HDPE PLASTIC		19.10		16.78					20.22			21.22	77.32
PETE PLASTIC		16.93	16.84	5.64		16.72	16.83					16.50	89.46
CLEAR GLASS	29.55	13.72	14.81	28.26	27.78	14.78	26.29	13.72	11.82	31.40		28.42	240.55
GREEN GLASS			13.56				14.17		11.81			14.43	53.97
BROWN GLASS	13.32	14.95	28.00	25.27	10.19	24.68	14.32	24.66	16.96	16.08	30.02	12.67	231.12
TOTAL (TONS)	166.38	168.35	181.36	164.81	105.60	212.23	226.31	129.25	212.87	180.97	166.05	242.28	2156.46

AIR CONDS. (#)	5	2	2	10	9	11	9	24	13	13	5	3	106
AIR COND - Alter													0
ANTIFREEZE (gal)			81	85		35	20		25		35		281
APPLIANCES (#)	9	17	34	49	111	64	55	55	37	61	33	35	560
APPLIANCES - Alter	25	1	37	17	59	40	95	50	37	107	65	71	604
BATTERY BOXES	3		7		5		1	4	4	3	2		29
BATTERIES Auto (Tons)													3
CELL PHONES			22		2			11					35
FLUORESCENT BULBS		64	4341	4,356		3100			95	2934			14890
HAZARDOUS WASTE (lbs.)													0
INK JET CARTRIDGES													0
OIL (gals.)		595	400	1080	1815	1245	1280	990	440	1620	830	505	10800
OIL FILTERS (gal)	55		125	357	82	110	82	165	82	82	135		1275
SCRAP METAL (Tons)	17.42	10.87	25.85	45.53	47.03	27.99	31.67	33.19	39.54	44.81	33.61	31.73	389.23
SHARP CONT (Cu. Ft.)	22	45	68	116	70	104	18	89	29	89	52	113	815
TIRES (Tons)	13.09			4.44	4.22	17.19	45.61	17.84	9.37	22.07	13.11		146.93
ELECTRONICS	380	0	514	294	367	485	388	543	439	561	475	265	4711
YARD WASTE													0