

POSTED: May 12, 2011

MEETING of the Burrillville Rubbish and Recycling Committee to be held Monday, May 23, 2011 at 6:30 P.M. at the Town Hall Annex, 144 Harrisville Main Street, Harrisville, RI.

Members Present: Colleen Joubert, Robyn Volpini, Town Manager or designee, Director of Public Works or designee.

Other Members Present:

Members Absent:

Public Comment:

- 1) That the question of approving minutes of the regular meeting of the Burrillville Rubbish and Recycling Committee held on April 18, 2011, and the question of dispensing with the reading of said minutes; be now taken up.
- 2) Discussion/action relative to performance of Coastal Recycling/contract extension
- 3) Review and discuss report of all towns' municipal collection and recycling policies and Coventry PAYT/WasteZero presentation
- 4) Review and discuss RIRRC Future of the MRF presentation
- 5) Discussion of Smithfield Refuse and Recycling Committee Meeting held April 27, 2011
- 6) Discussion/action relative to Committee next steps:
 - a) Direction from Town Manager
 - b) Efforts to consolidate waste disposal contracts with neighboring communities
 - c) Committee attendance at Smithfield Refuse and Recycling Committee Meetings (Next meeting May 25 @ 2:00 P.M.)
- 7) Discussion/action relative to RecycleBank
- 8) Discussion/action relative to appointment of a new Committee member

The Town of Burrillville will provide accommodations needed to ensure equal participation. Please contact the Burrillville Town Clerk at least three (3) business days prior to the meeting so arrangements can be made to provide such assistance at no cost to the person requesting it. A request for this service can be made in writing or by calling (401) 568-4300 (voice) or "via RI Relay 1-800-745-5555" (TTY).

9) Discussion/action relative to community outreach:

- a) Farmers' Market
- b) Shred/recycling event August 13 from 9-1
- c) Schools

10) Discussion/action relative to involving other entities in recycling effort

- a) Small businesses
- b) Levy Rink
- c) Spring Lake

11) Review and discuss the items proposed for future meetings

12) Adjournment

The Town of Burrillville will provide accommodations needed to ensure equal participation. Please contact the Burrillville Town Clerk at least three (3) business days prior to the meeting so arrangements can be made to provide such assistance at no cost to the person requesting it. A request for this service can be made in writing or by calling (401) 568-4300 (voice) or "via RI Relay 1-800-745-5555" (TTY).

BURRILLVILLE RUBBISH AND RECYCLING COMMITTEE MEETING MINUTES

Meeting Place: Town Hall Annex, 144 Harrisville Main Street, Harrisville, RI
Meeting Date: April 18, 2011
Meeting Time: 7:00 PM

Members Present:

Colleen Joubert, Vice Chair	Andrea Hall, Recycling Coordinator
Robyn Volpini, Secretary	David Place, Town Council Liaison
Christine Mulligan	Steve Rawson, Town Council Liaison

Other Members Present: None

Members Absent:

None

Public Comment: John DiMello came to find out the direction the town was taking with regards to consolidating towns' garbage and to pick up of white goods.

- 1) That the question of approving minutes of the regular meeting of the Burrillville Rubbish and Recycling Committee held on March 21, 2011 and the question of dispensing with the reading of said minutes; be now taken up. Christine Mulligan motioned to approve minutes. Motion was seconded by Robyn Volpini and unanimously approved.

New Business to be considered and acted on:

- 2) Discussion/action relative to performance of Coastal Recycling. According to Andrea Hall, performance is about the same since last month. Coastal still has not gotten GPS installed into the trucks as agreed to. Steve Rawson recently picked up a new recycling bin on a town street which was cracked. Also, he observed that the Park Place residents aren't putting out bins. David Place spoke with a couple of the Coastal drivers, and they said they are having trouble with their trucks breaking down.
- 3) Review of Monthly statistics. Recycling rate last month was a little lower than last year in March.
- 4) Discussion of efforts to consolidate waste disposal contracts with neighboring communities. There are 2 meeting coming up in Smithfield regarding this. One is on April 27 at 2pm, Sarah Kite will be speaking. Another is May 25, at 2pm, this will be presentation from WasteZero.
- 5) Discussion/action relative to Recycle Bank. Received and filed. Colleen Joubert will gather more information and report back.

- 6) Discussion of status of legislation relative to allowing an incinerator in Woonsocket. There is nothing to discuss as the legislation failed.
- 7) Discussion/ action regarding changing the meeting schedule. Christine Mulligan made a motion to change our regular meetings to the fourth Monday of each month at 6:30pm. Robyn Volpini seconded and all approved.

Unfinished Business to be considered and acted on:

- 8) Discussion/action relative to appointment of a new Committee member. David Place said that an ad will be put in the Bargain Buyer looking for candidates.
- 9) Discussion of the feasibility of converting to in-house refuse/white goods pickup. There are scrap metal collectors in Johnston, RI and also one in Putnam, CT.
- 10) Discussion/action relative to a Pay-as-You-Throw program. Nothing new discussed.
- 11) Discussion/action relative to hosting a shredding/recycling event and sponsoring field trips to RIRRC. Andrea Hall said that Laurie Low from Burrillville Farmers' Market will work on a date for the shred it event at the Farmers' Market. Andrea Hall is working on coordinating dates with the schools for field trips to the RIRRC (all schools but Steere Farm Elementary).
- 12) Discussion/action relative to community outreach:
 - a). Farmers' Market. Our committee will plan to have a presence at every 2nd Saturday Farmers' Market.
 - b). Schools. Andrea Hall went to many of the schools and did Earth Day crafts with students.
 - c). Earth Day Cleanup. Keep America Beautiful didn't supply as many bags/ gloves as we were hoping for, according to Andrea Hall. So the Lions club may help to supply more.
- 13) Discussion/action relative to involving other entities in recycling effort
 - a). Small businesses- Christine Mulligan performed some research on glass recycling and found that there is no market for green glass. She also found a company in Franklin, MA that does glass recycling. Robyn Volpini will look into this company more and report back her findings. Andrea Hall said that according to RI law, businesses are supposed to be recycling, however it is not enforced. Andrea Hall is looking into getting a cardboard dumpster centrally located so residents can use it too.
 - b). Levy Rink- no update.
 - c). Spring Lake- no update.
- 14) Review and discuss the items proposed for future meetings. Cardboard dumpster, recycle bank, glass recycling.

15) Adjournment. Meeting was adjourned at 8:48pm. It was motioned by Christine Mulligan, seconded by Robyn Volpini and approved unanimously.

Minutes approved by:

Robyn Volpini, Secretary

Date:

Date filed with Town Clerk: _____

Town/Website	Households Served Curbside	Households Served Drop-off	Total number of households served	ppl / households served	Total tons MSW	2009 Total tons MSW /household served	2009 Total tons MSW /person served	2009 waste tons sent to landfill	2009 MRF Recycling Rate	2009 Diversion Rate	2009 waste tons sent to landfill /household served	2009 waste tons sent to landfill /person served	No Bin, No Barrel?	Pay-As-You-Throw?	Collection Mode	Recycling Pick-up Schedule	Municipal Haulers?
Barrington	6050		6050	2.76	11617	1.92	0.70	5859	26.90%	49.60%	0.97	0.35			Manual	EOW	yes
Bristol	6650		6650	2.54	12966	1.95	0.77	7297	16.90%	43.70%	1.10	0.43		fee for one or more bulky items/special wastes	Manual	Weekly	yes
Burrillville	6000		6000	2.81	7061	1.18	0.42	5183	23.90%	26.60%	0.86	0.31			Manual	Weekly	
Central Falls	6696		6696	2.9	5941	0.89	0.31	4298	24.40%	27.70%	0.64	0.22		bag system after first free barrell	Manual	Weekly	yes
Charlestown		1800	1800	2.49	1975	1.10	0.44	854	33.00%	56.80%	0.47	0.19		bag-tag at transer station + some bulky items/special wastes: Yearly vehicle stickers required at 10.00 per sticker. One bag tag required on all bags at 1.75 per tag.			
Coventry	11000		11000	2.79	18639	1.69	0.61	12931	19.60%	30.60%	1.18	0.42	yes	scale system at transfer station	Manual	Weekly	
Cranston	28828		28828	2.57	41114	1.43	0.55	26627	21.30%	35.20%	0.92	0.36	yes		Manual	Weekly	
Cumberland	11500		11500	2.75	17568	1.53	0.56	12272	22.20%	30.10%	1.07	0.39	yes		Manual	Weekly	
East Greenwich			0	2.81	7376	#DIV/0!	0.00	4213	29.10%	42.90%	#DIV/0!	#DIV/0!					
East Providence	16100		16100	2.54	26752	1.66	0.65	14595	23.50%	45.40%	0.91	0.36	yes		Manual	Weekly	
Exeter		1000	1000	2.88	3122	3.12	1.08	2056	24.10%	34.10%	2.06	0.71		yearly sticker for transfer station + fee on one or more bulky items/special wastes			
Foster	1566		1566	2.8	2581	1.65	0.59	2004	22.00%	22.40%	1.28	0.46			Manual	EOW	
Glocester		3375	3375	2.84	4531	1.34	0.47	3156	24.00%	30.40%	0.94	0.33		scale system at transfer station + fee on one or more bulky items/special wastes			yes
Jamestown			0	2.43	3023	#DIV/0!	0.00	2184	25.20%	27.80%	#DIV/0!	#DIV/0!		scale system at transfer station			

Johnston	1800		1800	2.63	19751	10.97	4.17	16088	12.00%	18.50%	8.94	3.40			Manual	Weekly	
Lincoln	6530		6530	2.62	9989	1.53	0.58	7341	21.60%	26.50%	1.12	0.43	yes		Manual	Weekly	yes
Little Compton		1400	1400	2.46	2465	1.76	0.72	1770	20.00%	28.20%	1.26	0.51		after one free vehicel sticker/household, each additonal vehicle has a \$5 fee + fee on one or more bulky items/special wastes			
Middletown	4121		4121	2.6	5097	1.24	0.48	2264	44.20%	55.60%	0.55	0.21		complete bag system + fee on one or more bulky items/special wastes: PAYT program charges a \$50 user fee, and \$2.00 for a 33-gallon bag and \$1.75 per 15-gallon bag (an average family throwing out two 33-gallon bags a week will pay \$283 annually).	Automated	Weekly/Alt	
Narragansett	4940		4940	2.46	5191	1.05	0.00	4075	14.10%	21.50%	0.82	0.34		scale system at transfer station: Residents utilizing the drop off program pay \$1.70 per bag of refuse or \$0.05 per bulky load with a \$5.00 minimum charge. Residents opting for curbside services also pay a user fee to their private hauler.			
New Shoreham			0	2.14	3956	#DIV/0!	0.00	2019	23.10%	49.00%	#DIV/0!	#DIV/0!		scale system at transfer station			
Newport	11566		11566	2.15	12037	1.04	0.48	7849	22.50%	34.80%	0.68	0.32		Residents served curbside are also given 2 free dumps of up to 500lbs per FY, but have to pay by the transfer station's scale system beyond those two.	Manual	Weekly	
North Kingstown	4880	5100	9980	2.68	14462	1.45	0.54	7697	32.60%	46.80%	0.77	0.29		bag/tag system + fee on one or more bulky items/special wastes: Pay-As-You-Throw Program with sheets of tags (5 per sheet) sold at a cost of \$7.00/sheet (\$1.40/bag). Tags are placed on bags before disposal. Items going over scale, not subject to unit based pricing, charged at a rate of \$140/ton (\$.07/lb) with a 100 lb/\$7.00 minimum. Residents wishing to contract with private trash haulers may do so, and utilize transfer station as needed for recyclables or items not collected curbside by hauler.		Weekly	

North Providence	11500		11500	2.52	15015	1.31	0.52	11025	18.50%	26.60%	0.96	0.38	yes		Manual	Weekly	
North Smithfield	4305		4305	2.72	5222	1.21	0.45	3390	27.60%	35.10%	0.79	0.29	yes	bag system after first 2 free 36-gallon barrels + only 1 bulky item allowed a week	Manual	Weekly	
Pawtucket	35000		35000	2.5	29701	0.85	0.34	22291	14.20%	24.90%	0.64	0.25	yes (9/2010)		Manual	Weekly	yes
Portsmouth		4500	4500	2.63	9418	2.09	0.80	5505	26.60%	41.50%	1.22	0.47		scale system at transfer station + fee on one or more bulky items/special wastes: Town residents purchase first sticker for \$125, 2nd & final for \$10 more. Allows unlimited access to Transfer Station for recycling & solid waste disposal. Municipal contracted contractor hauls waste & recycling to RIRRC for disposal.			
Providence	62500		62500	2.81	77970	1.25	0.44	67117	10.10%	13.90%	1.07	0.38	yes		Manual	Weekly	yes
Richmond			0	2.89	3364	#DIV/0!	0.00	2515	24.60%	25.20%	#DIV/0!	#DIV/0!					
Scituate	4070		4070	2.77	5864	1.44	0.52	4508	21.70%	23.10%	1.11	0.40			Manual	EOW	
Smithfield	7051		7051	2.71	10260	1.46	0.54	6317	26.50%	38.40%	0.90	0.33	yes		Manual	Weekly	
South Kingstown	4187		4187	2.66	9429	2.25	0.85	4783	37.10%	49.30%	1.14	0.43		scale system at transfer station: Residents utilizing the drop off program pay \$1.70 per bag of refuse or \$0.05 per bulky load with a \$5.00 minimum charge. Residents opting for curbside services also pay a user fee to their private hauler.	Automated	Weekly	
Tiverton	8500		8500	2.58	7725	0.91	0.35	6000	20.80%	22.30%	0.71	0.27	yes	fee for one or more bulky items/special wastes, expnaded program set for 2010	Manual	Weekly	

														sticker system at transfer station + fee on one or more bulky items/special wastes:			
Warren	5000	650	5650	2.49	7063	1.25	0.50	3827	23.30%	45.80%	0.68	0.27	yes	Residents with a dump sticker are allowed 1000 lbs/year of solid waste, also unlimited yard waste & metals. in excess of 1000 lbs they are charged \$100/ton	Manual	Weekly/Alt	
Warwick	29500		29500	2.59	50681	1.72	0.66	27752	26.10%	45.20%	0.94	0.36			Automated	EOW	yes
West Greenwich			0	2.98	1713	#DIV/0!	0.00	1250	21.90%	27.00%	#DIV/0!	#DIV/0!		scale system at transfer station			
West Warwick	10000		10000	2.55	14783	1.48	0.58	9978	21.90%	32.50%	1.00	0.39		fee for one or more bulky items/special wastes	Manual	Weekly	yes
Westerly / Hopkinton			0	2.62	15848	#DIV/0!	0.00	8193	26.90%	48.30%	#DIV/0!	#DIV/0!		Residential use orange bags at \$1.20 for large and \$.60 for small + fee fee for one or more bulky items/special wastes			yes
Woonsocket	10410		10410	2.56	13541	1.30	0.51	8896	25.40%	34.30%	0.85	0.33		\$96.00 per unit per year.	Automated	Weekly/Alt	

[illegible]

yes	Patriot	yes	yes	\$ 7.00	\$ 7.00	curbside	Jan-Dec	Yard waste is picked up by our contracyced trash hauler, Patriot Disposal	curbside	12/30-1/30	We pickup televisions roadside or they can be dropped off at our facility at 100 Irons Ave
	Lincoln	yes	yes	\$ -	\$ -	curbside	Jan-Dec	NO FEES	curbside	1/1-3/31	Bulky Waste is collected weekly on resident's normal trash day
yes	BFI	yes	yes	\$ -	\$ -	dropoff		none	dropoff	12/5-1/31	freezers, refridgerators, air conditioners, dehumidifiers may be dropped off for a 25.00 fee (the rate we are charged per item for verification and removal of CFC's); additionally we accept TV's or PC monitors which are then picked up by an outside vender for proper disposal (no fee at this time for these materials)
yes	D&N	yes	yes	\$ 20.00	\$ 20.00	curbside	Jan, Apr-Dec	Yard waste is collected every week during April, every other week May through October, three weeks in November and one collection in December. Middletown collectes yard waste with Christmas trees in January. Yard waste needs to placed in paper yard waste bags, old trash barrels and sticks and branches may be bundled up in four foot lengths. Residents need to pay a \$75 user fee to have their trash, recycling and yard waste (including Christmas trees) collected. Yard waste in plastic bags will not be picked up.	curbside	1/10-12/17	Bulky waste stickers are sold at the Department of Public Works office, cost varies depending on item (\$15-\$30). Middletown residents may also use the Newport transfer station to drop off bulk items (\$10 min fee, \$90 per ton). In April 2009 the Town hosted an Amnesty Waste day where residents could drop off bulk material at not cost. Drop off at the Department of Public Works garage, Monday through Friday, 7:30 to 3:30. We have an e-waste and CRT containers through ORS. We also have a 55 gallon drum for waste vegetable oil collected by Newport Biodiesel.
yes	BI Recycling Mngt										
yes	WM Newport	yes	yes	\$ 8.00	\$ 8.00	curbside	Jan-Dec	Yard waste collection is offered four weeks in April, every other week through the spring and summer, four weeks in November and the first full week of the winter months. Yard waste is picked up in brown paper leaf bags or loose in barrels labeled "yard waste". The Clean City Program distributes free "yard waste only" stickers to residents.	curbside	1/2-1/14	Waste Management, the City's contractor for the collection of curbside materials, collects the bulky items and white goods by appointment. The Clean City Program collects used motor oil, oil filters, electronics, books, textiles, mixed recyclables, paper and cardboard on a daily basis. The City of Newport participated in both the state ewaste program with RMG for TVs and CRTR for other items. The City now uses Office Recycling Solutions to collect the electronics for the City, Reading Tree collects the books, and Kiducation collects the textiles. The Clean City Program also collects used ink jet cartridges and cell phones.
yes	D Lewis BFI Charlie's Rubbish Henry Briggs Disposal Whitford WM (T & all Re)			\$ 5.00	\$ 5.00	dropoff		The Town does not have a collection program, but a drop-off system for residents.	dropoff	12/26-1/30	Town participates in DEM Igloo Program and works with Reading Tree to collect books and books on tape for underprivelged areas and third world countries. Auto batteries may be dropped off at no cost and are recycled at Exeter Scrap Metal. Propane Tanks are collected and recycled with Blue Rhino. The Town participates in the "State" sponsored E-waste collection program with containers for CRT & Non-CRT items at its Transfer Station.

yes	Enviro-Safe		yes	\$ 5.00	\$ 5.00	curbside	Apr-May, Oct	yard waste must be in bidegradable bags, or barrel marked "yd waste only"	curbside	1/4-1/26	White good are collected by trash hauler on second Saturday of every month, an appointment is necessary. Couches, lg. chairs are placed at curbside on regular trash day, one item per week Presently town refers all items not checked off to RIRRC, Town does plan to set up drop off containers for those items which are not checked off in the Spring.
yes	Coastal	yes	yes	\$ 5.00	\$ 5.00	both	Apr-May Oct-Nov	Residents put into leaf/yard bags that are purchased by residents at stores.	dropoff	12/25-2/1	Bulk household items (chairs, sofas, tables) are picked up weekly but limited to one item per household per week. Books - container in community Clothing - multiple containers in community E-waste - drop off at highway Rigid plastic - drop off at highway RI Donation Exchange- collection programs throughout year (also there has been a special one-time paper shredding event)
	D&N (Transfer station) Pawtucket (T & all Re)	yes	yes	\$ 5.10	\$ 7.50	both	Jan-Dec	We sell leaf bags the tuesday after columbus day till the wed before thanksgiving	curbside	1/1-2/19	metal,wood,tvs, mattresses by appointment Residents can drop off at our transfer station
yes	D&N (Transfer station) D&N (all Re)					dropoff		Must be segregated and cut into 3' lengths. No plastic bags.	both	1/4-1/8	Propane Tanks-WITHOUT VALVE-no charge; WITH VALVE-\$8. OTHER: Refrigerators and Air Conditioners: \$15 each
yes	WM (T & Re) Providence (T)	yes		\$5.00	\$5.00	curbside	Apr-Nov	Residents may use paper leaf and yard waste bags (no plastic bags) or open barrels clearly marked leaf and yard waste.	curbside	1/17-1/28	Residents may schedule up to 3 items per unit for pickup each week. Appointments are scheduled by dialing the Waste Management call center at 1-800-972-4545. Used motor oil and oil filters can be disposed of at the oil igloo at Public Works. Electronics may be dropped off at the PODs located on site.
yes	RPKK										
yes	Rambone	yes	yes	\$ -	\$ -	dropoff		No specific requirememnts.	dropoff	12/1-3/1	ORS (Office Recycling Solutiions) supplies and stores a "Pod" at our public Works Facility. Residents can drop off e-waste (no crts or tvs). ORS recycles and scraps contents as needed. MPG Disposal also supplies and stores a "Pod" at our facility. Residents can drop off TVs and CRTs. MPG Disposal recycles and or disposes as needed. Residents can drop off waste oil and filters at the State mandated oil igloo housed at Public Works. Residents can bring mattresses to a 30 Yd. dumpster at Public Works. When dumpster is full mattresses are brought to R.I.R.R.
yes	Enviro-Safe	yes	yes	\$ 5.00	\$ 5.00	curbside	Apr-Nov	Must be in either kraft paper bags or containers marked 'yard waste'. No more than 8 bags per week.	curbside	1/12-1/16	First Friday of each month we collect white goods/heavy metal items. We have an oil igloo onsite.
yes	Waste Haulers		yes	\$ -	\$ -	dropoff			dropoff	12/26-1/31	The Town hosts a RIRRC sponsored Hazardous Waste collection once per year. An E-Waste drop off collection site has been established at the Rose Hill Regional Transfer Station.
yes	Patriot (Re)		yes	\$ 5.00	\$ 5.00	dropoff	Jan-Dec	Residents should leave yard waste out on their regular trash day during the week of yard waste pick up. Biodegradable yard waste bags are required or they may leave it loose in barrel. (When left loose there is a chance leaves will scatter when being emptied, also in some circumstances leaves get caught in the barrels.) The Town did not hold a yard waste collection in the 2009-2010 fiscal year.	both	1/4-1/8	Once per month the Town collects appliances and metal items, only (3 items per household). There is now a collection fee of \$25.00 per item collected. Residents are allowed to bring motor oil, car batteries and used oil filters to the Public Works garage. Oil and filters are then collected by Western Oil, Inc. Wooden furniture, larger items are collected, one per week, by Patriot Disposal and brought to the Landfill for disposal. Residents are also able to bring items to the landfill themselves. Tires brought to the Landfill \$5.00 fee , Mattresses brought to the Landfill \$15.00 fee

yes	Under Regional Transfer (T) Warren (Re)	yes	yes	\$ -	\$ -	both	Apr-Nov	paper bags are required, the Town sells bags by the bundle of 25 for \$ 8.00 to residents.	both	1/2-1/20	We go out once a month for appliances & metals by appointment only. we also pick-up yard waste in paper bags weekly from april 1 to December 1 and bursh by appointment We take computers & electronics at no charge. We charge \$ 10.00 for televisions of any size.
	Warwick		yes			both	Mar-Dec	Paper Bags required for pick-up	both	1/2-1/20	Call in basis
yes	Briggs (T & Re) BM Rubbish (Re)		yes								
yes	W Warwick (T & Re) Henry (Re) WM (Re) BFI (Re)	yes	yes	\$ 5.00	\$ 5.00	both	Jan-Dec	Yard waste must be placed in paper yard waste bags or open barrels and contain leaves, grass, or other garden debris only. Branches must be cut & tied in 4-ft. bundles and placed next to your bags or barrels. Yard waste will not be collected if it contains any rocks, dirt, sand, large sticks or garbage, OR if it is in plastic bags.	both	1/2-1/31	West Warwick picks up white goods separately, based on demand, usually bi-weekly. We charge residents \$25.00 for any appliance requiring the removal of freon (refrigerators, freezers, air conditioners) and \$15.00 for all other appliances. Additionally, we now collect mattresses and box springs separately, for a fee of \$20.00 per piece. West Warwick now provides containers at the DPW that allows residents to drop off computers, tv's and all other related electronic equipment - free of charge. Additionally, used motor oil and oil filters can be dropped off as well as tires, yard waste and cardboard (all in designated areas). White goods and mattresses may also be dropped off for a fee. All of these items must be dropped off during our normal business hours of Monday thru Friday from 7am until 3pm.
	Westerly		yes	\$ 5.00	\$ 5.00	dropoff		No special bags and no charge for leaves and grass. \$70.00 a ton for brush	dropoff	1/1-2/3	Truck Tires \$5.00 Refirgerators \$15.00
yes	WM	yes	yes	\$ 40.00	\$ 40.00	both	Apr-Dec	Weekly pick up by our contractor, Waste Management in yard bags or trash cans marked 'Yard Waste'. Pick up is 10 weeks in the spring and 10 weeks in the fall. - No cost -Only properties of 3 units or less for curbside pick up	curbside	1/4-1/15	The City provides Bulk Item collection once a month (first full week) and White Good collection weekly. Bulk items are 1 item per unit per month White Goods are 1 item per unit per week At our MFR we allow drop for for e-waste, TV's, used books, propane tanks, scrap metal, rigid plastic at no charge to the City residents. The mattresses and boxsprings are for only those in the curbside collection program.

[illegible]

State Program (RMG)			\$0							\$0
Smart Technolgy Management (Lincoln, Deborah M. Tucker)		\$0	\$0	\$0	\$0		\$0	\$0	\$0	
State Program (RMG)			\$0	\$0	\$0			\$0	\$15	\$25
Office Recycling Solutions			\$0	\$0	\$0		\$0			\$0
Office Recycling Solutions			\$0		\$0		\$0			\$0
State Program (RMG)		\$3	\$0	\$12.50	\$0	\$0	\$0	\$2	\$20	\$0

	\$0	\$0		\$0	\$0		\$0			
Office Recycling Solutions			\$0		\$0		\$0		\$10	\$0
		\$0	\$0	\$0	\$0			\$0	\$0	
		\$0	\$0	\$0	\$0			\$5	\$15	\$15
State Program (RMG)			\$0		\$0		\$0			
State Program (RMG)			\$0		\$0		\$0		\$0	
State Program (RMG)		\$0	\$0	\$0	\$0		\$0	\$0		
State Program (RMG)	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	
State Program (RMG)			\$0	\$0	\$0	\$0	\$0	\$5	\$15	\$0

State Program (RMG)		\$0	\$0	\$0	\$0	\$0	\$0	\$2	\$15	
			\$0	\$0	\$0	\$0	\$0	\$0		
Office Recycling Solutions			\$0	\$0	\$0		\$0	\$0	\$0	\$0
		\$1	\$0	\$10	\$0	\$0	\$0	\$2	\$15	\$0
Office Recycling Solutions		\$0	\$0	\$0					\$0	\$0



Town of Coventry, RI
April 25, 2011



Presentation Objectives – Coventry, RI

Explain environmental benefits of WasteZero® System

Present financial benefits of WasteZero® System

Demonstrate how the WasteZero® System provides Coventry the best solution to reach its objectives

Agenda

Coventry: Environmental & Fiscal Concerns

EPA 2009 Spring Bulletin – PAYT Helps Rhode Island Reach New
Recycling Goal

WasteZero® Provides Coventry the Best Way Forward

Environmental Objectives

Financial Objectives

WasteZero® – Key Company Facts

Why Trash Metering?

Critical Success Factors

Illegal Dumping

WasteZero® Results

Overview of the WasteZero® System

Getting to YES!

Before & After the WasteZero® System

Summary: WasteZero®

Environmental & Economic Way Forward

The WasteZero® System

Highly Equitable Trash Metering Vs. One Fixed Fee For Everyone

Highest MSW Diversion and Recycling Rates

Turn-Key System

Innovative Source of Revenues and Financial Guarantee

Revenue Sharing Model

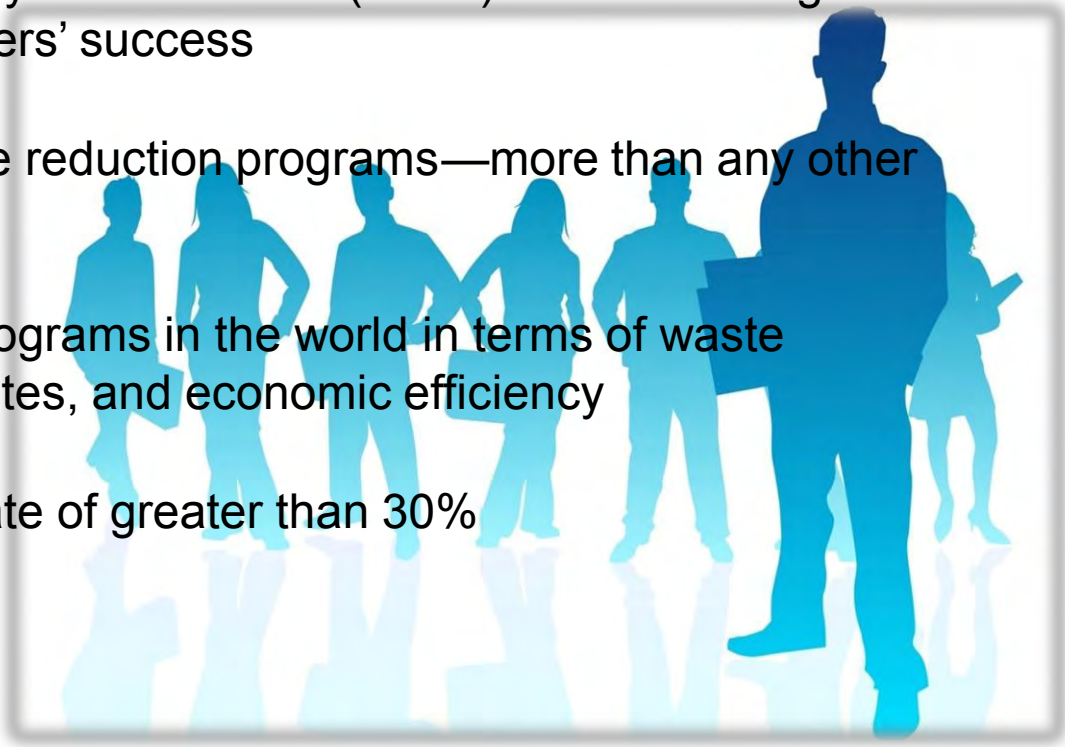
No Capital or Cash Outlays

Up to Coventry whether bag revenues used to reduce taxes or balance budget

Either way, town benefits from tipping fees and other savings

WasteZero®: Key Company Facts

- 100% focused on implementing successful municipal waste reduction and recycling programs
- Founded in 1991, embracing Pay As You Throw (PAYT) and dedicating our company to our municipal partners' success
- Supporting 300 integrated waste reduction programs—more than any other company in the US
- Running the most successful programs in the world in terms of waste reduction, improved recycling rates, and economic efficiency
- Maintaining an annual growth rate of greater than 30%



FY 2010 Year End Municipal Total Tonnage

Barrington	6,221.50	5,880.03	94.62%	2,162	27%
Bristol	8,437.77	7,239.25	85.80%	1,425	16%
Burrillville	6,015.80	5,013.97	83.35%	1,626	24%
Central Falls	7,104.51	4,267.98	60.07%	1,356	24%
Charlestown	3,142.42	812.72	25.86%	404	33%
Coventry	12,907.15	13,080.46	101.34%	3,270	20%
Cranston	29,684.06	26,685.27	89.90%	7,560	22%
Cumberland	12,080.88	12,711.48	105.22%	3,341	21%
East Greenwich	4,980.62	4,404.92	88.44%	1,751	28%
East Providence	17,655.76	14,969.79	84.79%	4,453	23%
Exeter	2,352.01	2,053.19	87.29%	629	23%
Foster	1,644.03	2,007.68	122.12%	530	21%
Glocester	3,851.73	3,183.74	82.66%	1,146	26%
Hopkinton	(with Westerly)				
Jamestown	2,196.26	2,221.34	101.14%	737	25%
Johnston	10,617.83	16,422.29	154.67%	2,169	12%
Lincoln	7,998.75	7,239.56	90.51%	2,118	23%
Little Compton	1,360.68	1,750.80	128.67%	460	21%
Middletown	6,365.36	2,282.13	35.85%	1,643	42%
Narragansett	(with South Kingstown)				
New Shoreham	1,839.60	1,984.17	107.86%	569	22%
Newport	9,469.50	7,650.49	80.79%	2,220	22%
North Kingstown	10,026.58	7,129.17	71.10%	3,474	33%
North Providence	12,158.24	10,776.55	88.64%	2,672	20%
North Smithfield	3,948.01	3,269.77	82.82%	1,523	32%
Pawtucket	26,899.19	23,654.98	87.94%	3,849	14%
Portsmouth	6,534.23	4,608.94	70.54%	1,953	30%
Providence	60,629.39	63,528.00	104.78%	9,557	13%
Richmond	2,921.19	2,083.59	71.33%	718	26%
Scituate	3,948.89	4,357.34	110.34%	1,210	22%
Smithfield	7,875.27	6,307.49	80.09%	2,166	26%
South Kingstown	10,877.04	8,916.95	81.98%	3,609	29%
Tiverton	5,742.95	0.00	0.00%	1,647	n/a
Warren	4,226.44	3,872.91	91.64%	1,209	24%
Warwick	31,348.84	28,070.82	89.54%	9,916	26%
West Greenwich	2,064.42	1,209.76	58.60%	379	24%
West Warwick	11,063.67	10,632.19	96.10%	2,649	20%
Westerly	8,794.29	10,025.82	114.00%	2,987	23%
Woonsocket	15,618.40	9,455.65	60.54%	3,080	25%
Total	380,603	339,768		92,186	21.34%

* West Warwick is not participatory to a municipal solid waste and recycling services agreement, and Middletown's four year implementation grant approved by the prior Board of Commissioners was conditioned on foregoing future MRF Profit Shares over the grant period.

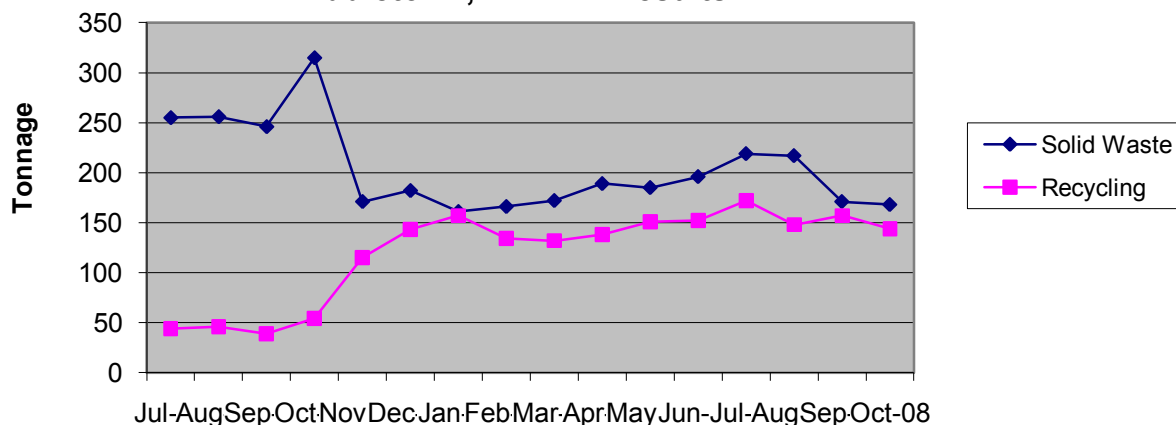
EPA 2009 Spring Bulletin

PAYT Programs Help Rhode Island Reach New Recycling Goal



In 2008, Rhode Island passed a law that increased the mandatory municipal recycling goal to 35%. Eleven communities (out of thirty-nine) in the State currently have PAYT as a component of their solid waste and recycling programs. Since the passage of the law and implementation of PAYT the town of Middletown's **recycling rate has increased from a 17% recycling average (using the town operated transfer station), to 42%**. And, the **recycling rate jumps to 52%** for the same time period if the diversion of yard waste from the Rhode Island Resource Recovery Corporation (RIRRC) Central Landfill to a local nursery for composting included.

Middletown, RI PAYT Results



The town's refuse tipped at the landfill dropped by 55 tons a month, saving valuable landfill space, reducing greenhouse gas emissions, and **saving the town more than \$1,500 per month in tipping fees**. Even though the PAYT program in Middletown is voluntary, **the participation rate has grown to 70%**. Additionally, rolling carts help keep the streets clean, and most grocery, hardware and convenience stores have PAYT bags available.

“Pay-As-You-Throw is the single best way to reduce solid waste and increase recycling,” according to Sarah Kite, Director of Recycling Services, Rhode Island Resource Recovery Corporation. “PAYT gives trash and recycling an equal value. You are less likely to simply throw everything in the trash if the bag costs you money out of your pocket. PAYT is also a great equalizer, in that everyone pays their fair share and only pays for what they use.”

-Source: EPA 2009 Spring Bulletin

Who are we?

We're like you. Hardworking, taxpayers who want to see our government be less wasteful.

We've been working on this project for over 15 years and have helped municipalities, representing over 2 million realize greater efficiency and substantial savings. My specialty is operational efficiency and one of the things that I love about my job is that we WasteZero® have helped hundreds of towns save millions of dollars in solid waste costs.

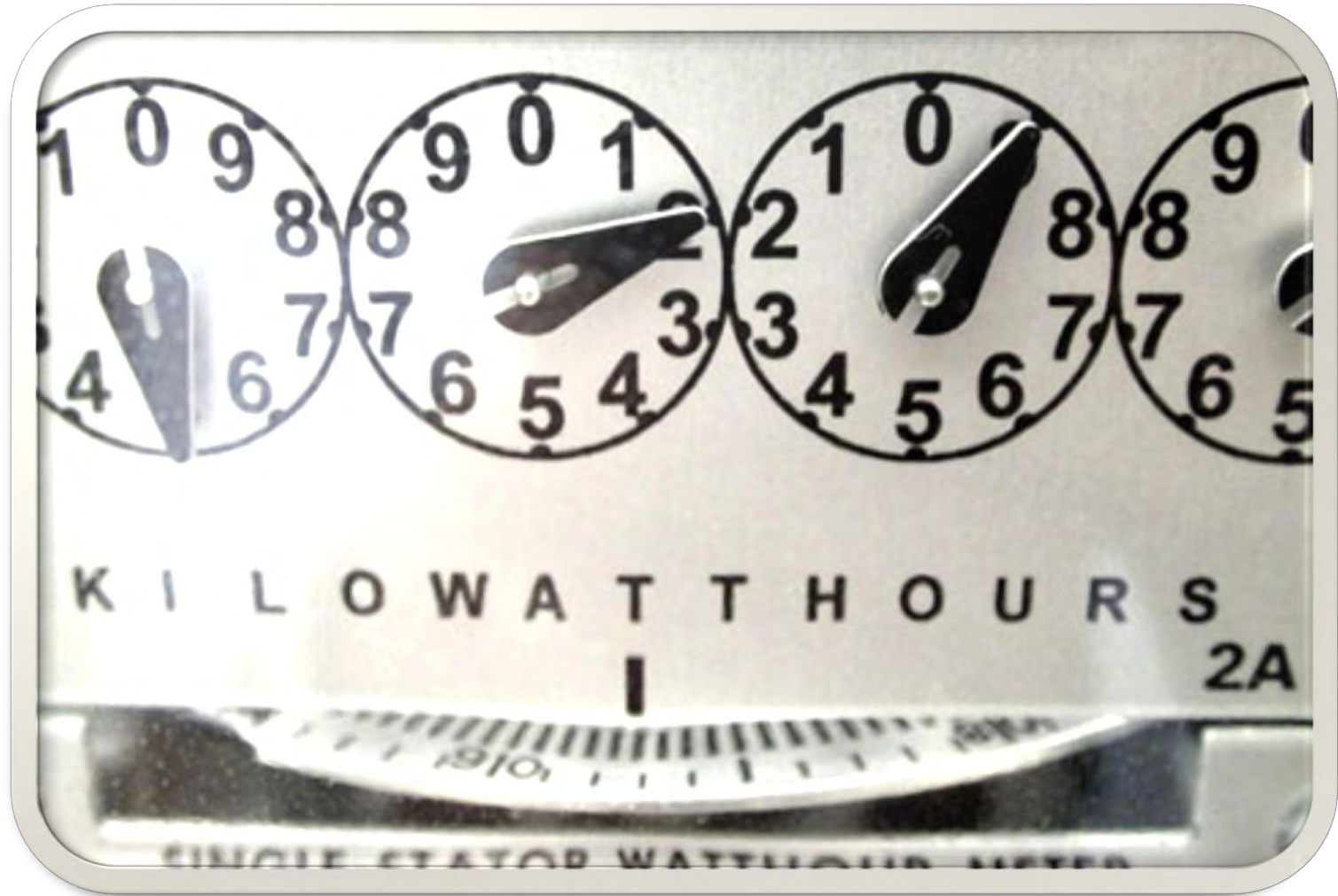
When your in a ho **LOGGING!**



What is Trash Metering?



Electric and Gas Meters?



Water Metering?



Trash Metering?



Why Trash Metering?

Increased Population



Less Land & More Trash



Do You Really Want To Pay For This Guy's Trash?



WasteZero® Critical Success Factors

In our experience, not all waste reduction programs are run optimally. The most successful programs share these attributes:

Residents



- Easy to understand
- Convenient and user-friendly
- Fair, maintaining the proper incentives
- Continuously reinforce the right behaviors
- Use high-quality materials and support tools

Municipality

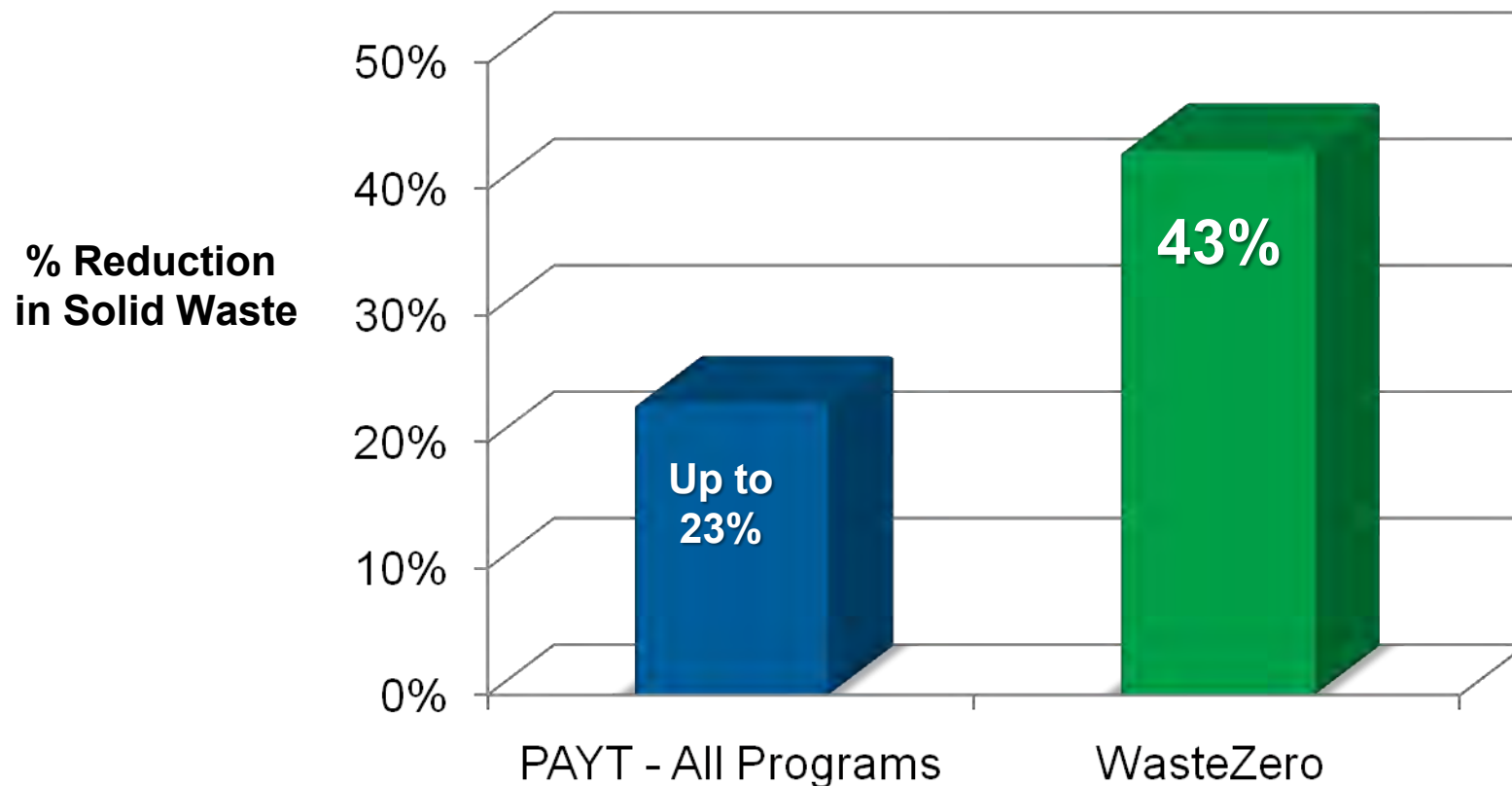


- Quickly implemented
- Minimal or no capital expenditure
- Straightforward to manage
- Immediate and measurable results
- Financially viable over the long term
- Support the community's environmental and economic objectives

WasteZero® – Results

Significant Reduction in Solid Waste

Over the years, WasteZero® has developed a proprietary model that incorporates all of the critical success factors. The results have been dramatic.



We implement the most successful programs in the world!

WasteZero® - Results

Annual Pounds of
Residential Solid Waste
Disposal per Capita

1100 lbs



Without
doing
anything

900 lbs



After 30 years of
education, regulation,
advertising, & media
campaigns

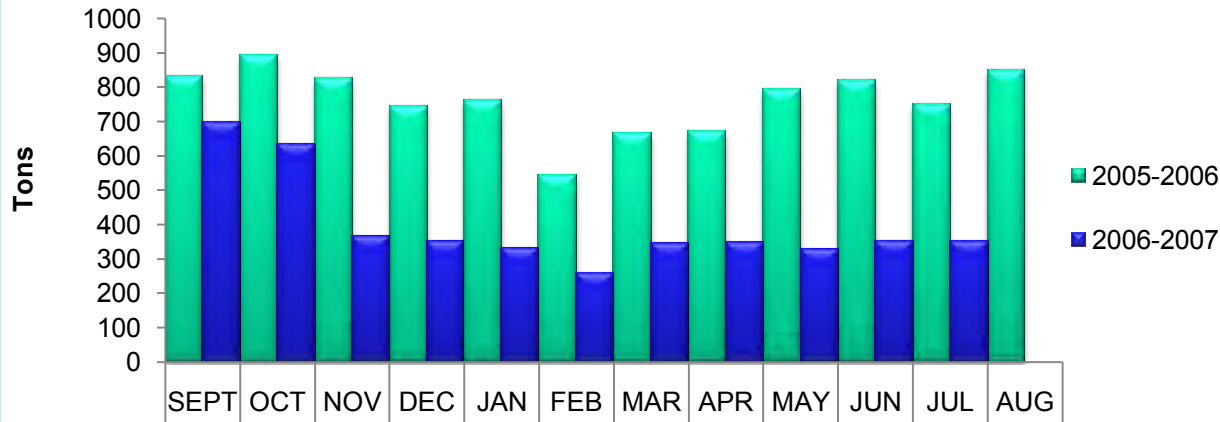
500 lbs



ONE MONTH after
implementing
WasteZero®

WasteZero® - Proven Results

Municipal Solid Waste – Stafford, CT

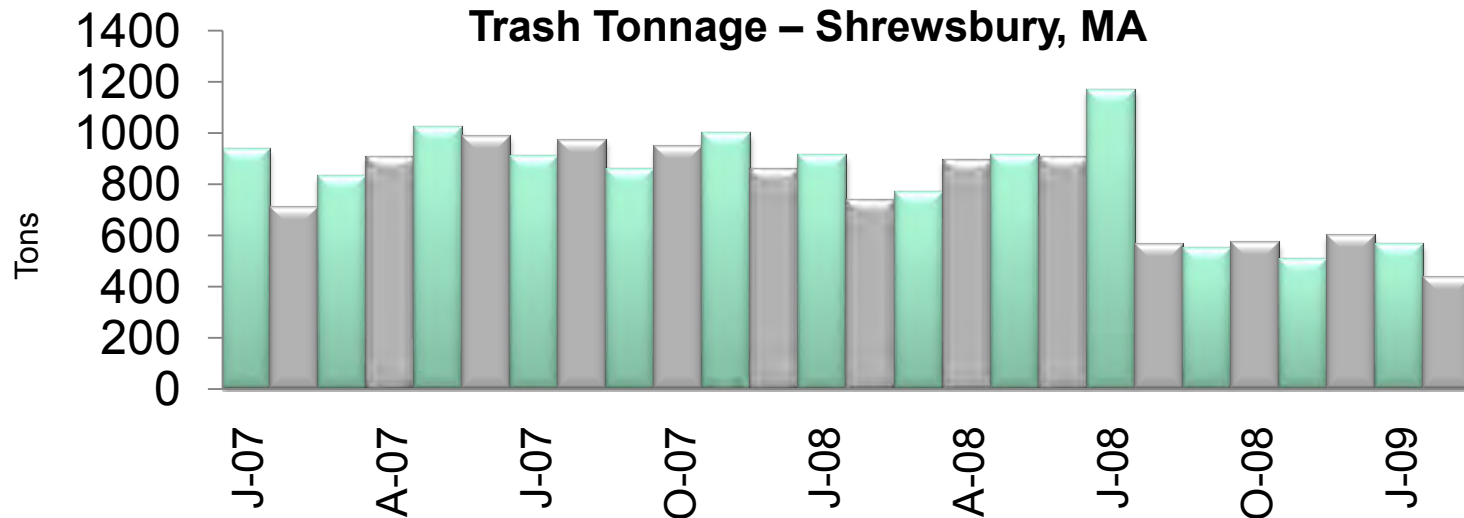


Trash Tonnage Before & After PAYT – Worcester, MA

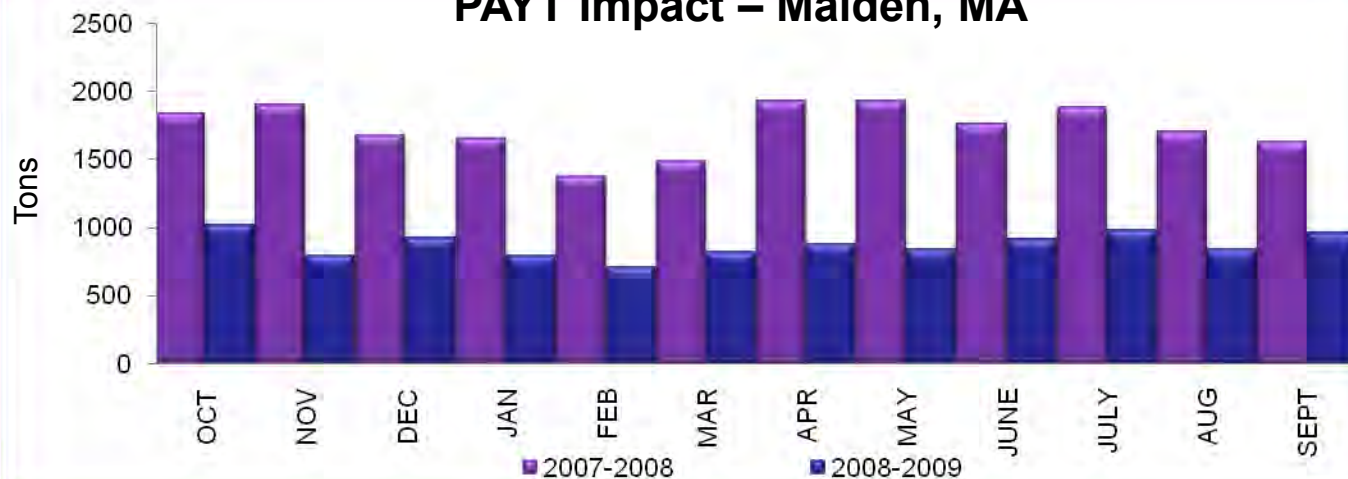


WasteZero® - Proven Results

Trash Tonnage – Shrewsbury, MA



PAYT Impact – Malden, MA



2008 Massachusetts Per Capita Disposal Rankings

Population 20,000 and up Top 25

Rank	City	Population	Per Capita Disposal (LBS)	PAYT
1	NATICK	32,000	409	Yes
2	HOLYOKE	40,167	412	No
3	MILTON	26,000	438	Yes
4	WORCESTER	176,000	442	Yes
5	NORTH ATTLEBOROUGH	27,966	488	Yes
6	MALDEN (New was 65th)	56,688	495	Yes
7	NEEDHAM	30,397	500	Yes
8	CAMBRIDGE	101,355	502	No
9	FRAMINGHAM	65,060	510	No
10	GLOUCESTER (Was 26th)	30,273	522	Yes
11	SHREWSBURY (Was 59th)	33,456	534	Yes
12	MANSFIELD	23,100	539	No
13	ATTLEBORO	41,103	540	Yes
14	DARTMOUTH	33,833	543	Yes
15	GARDNER	20,908	555	Yes
16	AMHERST	34,874	564	Yes
17	NORTHAMPTON	30,842	573	Yes
18	MILFORD	28,000	610	No
19	WEST SPRINGFIELD	27,537	632	No
20	LEXINGTON	30,002	639	No
21	TAUNTON	55,976	666	Yes
22	LUDLOW	21,481	688	No
23	BROCKTON	98,000	701	Yes
24	READING	23,800	708	No
25	ACTON	21,000	715	No

Source: Mass DEP

WasteZero® - Illegal Dumping

Concern over illegal dumping and burning is sometimes cited as the major barrier to the acceptance of pay-as-you-throw (PAYT) programs. Most communities that have implemented **WasteZero®** Trash Metering programs point out, however, that they have not observed significant increases in these activities.

WasteZero® communities tell us that public education and enforcement have been the most effective ways to prevent illegal dumping.

Here's what national and local PAYT experts have said about illegal dumping:

Studies on Illegal Dumping

Illegal diversion (both dumping and burning of trash) was a smaller problem than originally anticipated.

Results of multiyear pay-as-you-throw research project conducted by Duke University

Concerns about illegal dumping seem more fear than reality. Problems arise in fewer than 1 in 5 communities and usually last less than 3 months.

U.S. EPA SERA 2006 Report

The vast majority of illegal dumping usually involve non-residential sources and are not in response to PAYT programs.

Research by Skumatz Economic Research Associates

Municipality Findings

It's an urban myth. It doesn't happen.

Joseph Ferson, Spokesman
Massachusetts DEP

Any concerns about a spike in littering proved unfounded in Worcester.

Bob Fiore,
DPW, Worcester, MA

There has been no increase in illegal dumping since the program began; residents have actually commented that "things are cleaner" since the program was implemented.

John Phetteplace,
Recycling Coordinator, Stonington, CT

We haven't had any illegal dumping problems or anything like that.

Richard Howard,
Mayor, Malden, MA

WasteZero® – How It Works

Overview

Step 1: Getting to Yes



Customize
Program to
Meet Your
Needs



Help Manage
Public Opinion
Regarding
WasteZero



Provide Start-Up
and On-Going
Program Support

Step 2:



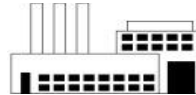
Municipality

Partners with →

WasteZero™

Step 3: WasteZero™

*Provides Turnkey
Program Management*



WasteZero
Manufacturing



WasteZero Retail
Setup and
Delivery



WasteZero
Distribution

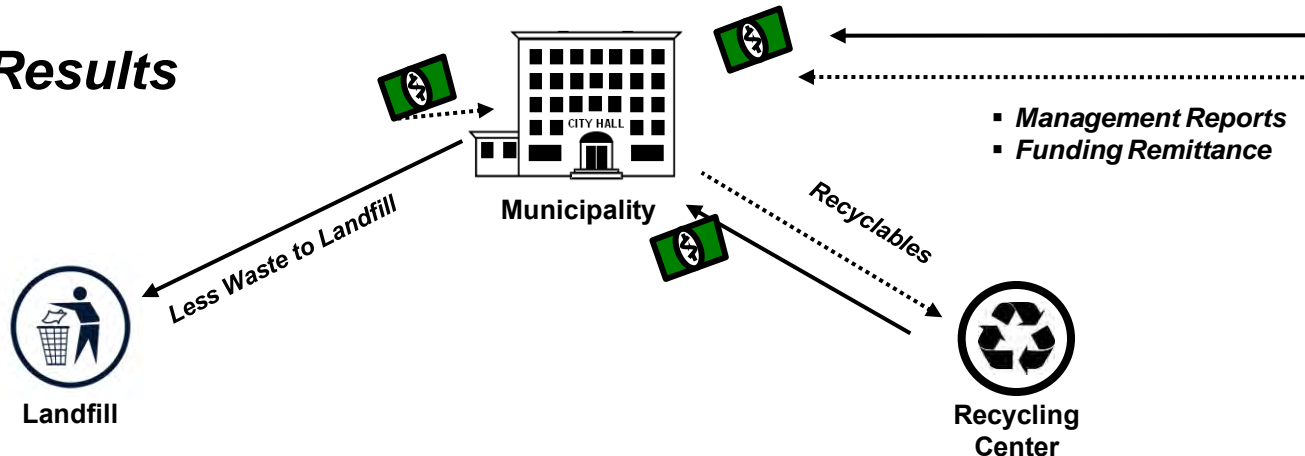


Communications
& Consulting



Accounting &
Funds
Management

Results



Maintain and
improve the
program

Will It Be Easy?



WasteZero® – What We Do

Getting to Yes - Program Support

Our goal is to minimize perceived political or financial risk by providing start-up and on-going support functions

- **Quick and Seamless Implementation**
- **We Provide Guarantees**
 - **Bag quality**
 - **Bag availability**
 - **On the ground support when required**
 - **Financial guarantee**
- **Aid with Program Enforcement**
 - **Provide sample ordinances for both non-compliance and litter**
 - **Provide notices with proper language**
 - **Put “Boots on the Ground” to help with start-up if needed**
- **Aid in applying for State and Federal Grants**

Trash Day – Before & After The WasteZero® System

Before



After





TRASH METERING AGREEMENT PROGRAM IMPACT

Solid Waste Diversion, Savings, and Revenue Calculator

ENFIELD CT 8/13/10

Demographics

Population	34,935
Households	9,981
Current Tonnage	13,178
<input checked="" type="checkbox"/> Residential Curbside	13,178
<input type="checkbox"/> Residential Drop-Off	0
<input type="checkbox"/> Residential Dumpster	0
<input type="checkbox"/> Commercial Curbside	0
<input type="checkbox"/> Commercial Dumpster	0
<input type="checkbox"/> Municipal Waste	0
<input type="checkbox"/> Bulky Waste	0
Pounds per Capita	754
Potential Metered Tonnage	13,178

WasteZero® partners average a 43% reduction in their solid waste disposal. This reduction results not only in tipping fee savings but also in fewer truck routes run per day/week and therefore lower fuel costs for the city/town.

Projected Tonnage and Revenue

Predicted Metered Tonnage	7,511	Predicted Pounds Per Capita	\$ 430
Guaranteed Bag Revenue	\$ 872,074	Projected Revenue Overage	\$ 373,746

Solid Waste Diversion

Pounds of Waste Diversion per Capita	324 lbs	Tipping Fee Savings	
Total Tons Diverted	5,667 tons	X	\$44.29 /Ton = \$250,971

Total Savings & Bag Revenue

\$1,496,791

All projections are based on actual historical outcomes for WasteZero partners and selling prices of bags below.

Bag Prices Assumed:

Large	30 Gallon	\$2.00
Small	15 Gallon	\$1.25
Smallest	8 Gallon	\$1.00
\$10.00 packages of 5 Large, 8 Small, or 10 Smallest Bags		

Coventry, RI Impact Analysis

Demographics

Population	34,935
Households	9,981
Current Tonnage	13,178
<input checked="" type="checkbox"/> Residential Curbside	13,178
<input type="checkbox"/> Residential Drop-Off	0
<input type="checkbox"/> Residential Dumpster	0
<input type="checkbox"/> Commercial Curbside	0
<input type="checkbox"/> Commercial Dumpster	0
<input type="checkbox"/> Municipal Waste	0
<input type="checkbox"/> Bulky Waste	0
Pounds per Capita	754
Potential Metered Tonnage	13,178

WasteZero® partners average a 43% reduction in their solid waste disposal. This reduction results not only in tipping fee savings but also in fewer truck routes run per day/week and therefore lower fuel costs for the city/town.

Projected Tonnage and Revenue

Predicted Metered Tonnage	8,697	Predicted Pounds Per Capita	498
Guaranteed Bag Revenue	\$ 423,690	Projected Revenue Overage	\$ 181,581

Solid Waste Diversion

Pounds of Waste Diversion per Capita	257 lbs	Tipping Fee Savings	
Total Tons Diverted	4,481 tons	X	\$44.29 /Ton = \$198,442

Total Savings & Bag Revenue

\$803,714

All projections are based on actual historical outcomes for WasteZero partners and selling prices of bags below.

Bag Prices Assumed:

Large	30 Gallon	\$1.00
Small	15 Gallon	\$0.63
Smallest	8 Gallon	\$0.50
\$5.00 packages of 5 Large, 8 Small or 10 Smallest Bags		

Why WasteZero®

WasteZero® is a highly knowledgeable partner in designing and managing successful waste reduction programs. No one knows how to do this as well as we do.

- 1 Offering 19 years of experience
- 2 Demonstrating success through 300 municipalities with no failures; world's most effective programs
- 3 Leveraging knowledge from our partners' hundreds of successful programs
- 4 Committed to long-term success
- 5 Unique in providing turn-key system and financial guarantees

We are passionate about making a difference!



Future of the Materials Recycling Facility

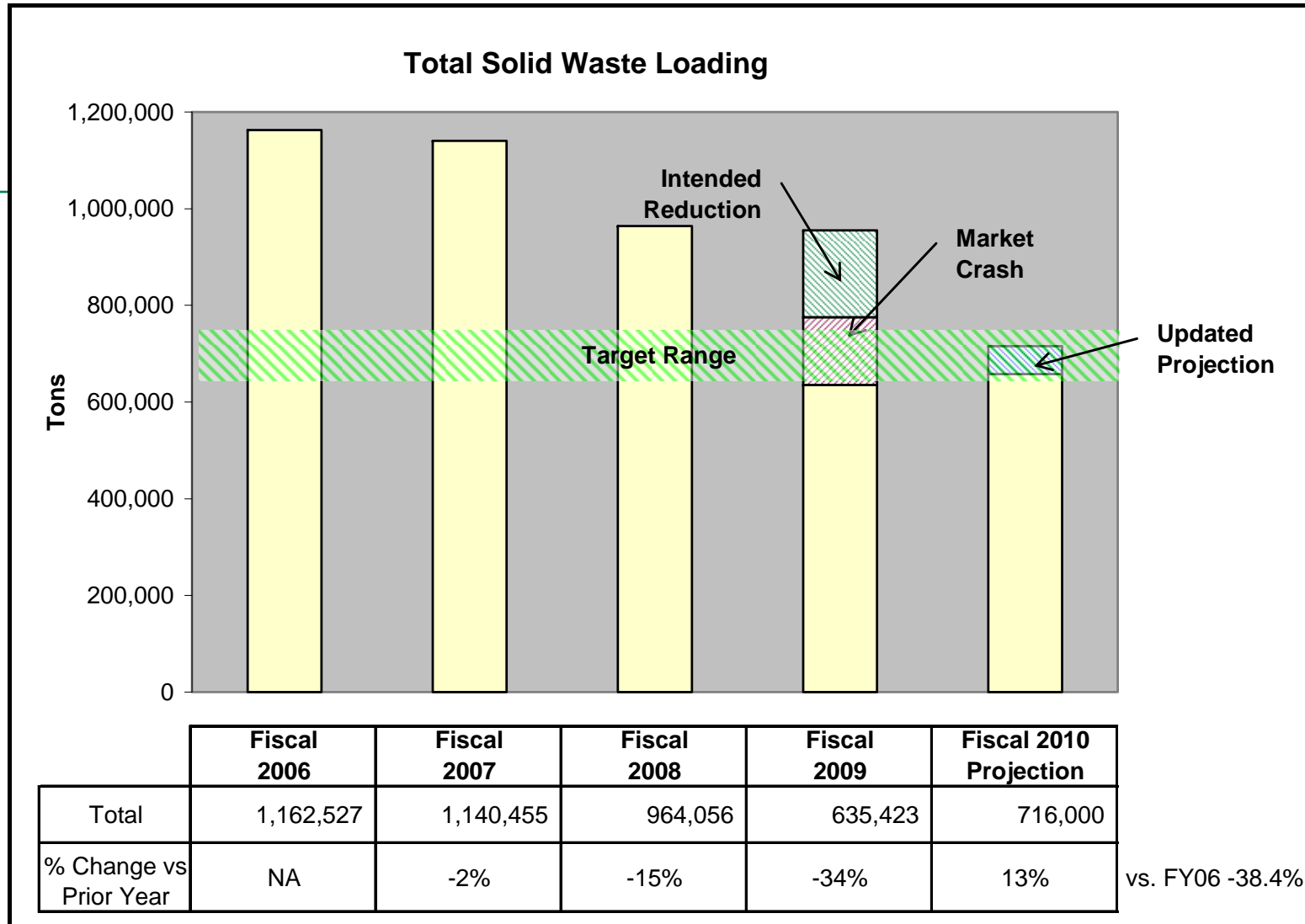
March 4, 2010

**Recycling.
Make it second nature.**

Agenda

- Review Overall RIRRC Volume & Financial Trends
- Discuss Future Plans for MRF
- Discuss Municipal Impact
- Solicit Municipal Input
- Coordinate Municipal Plans with MRF Conversion Timeline

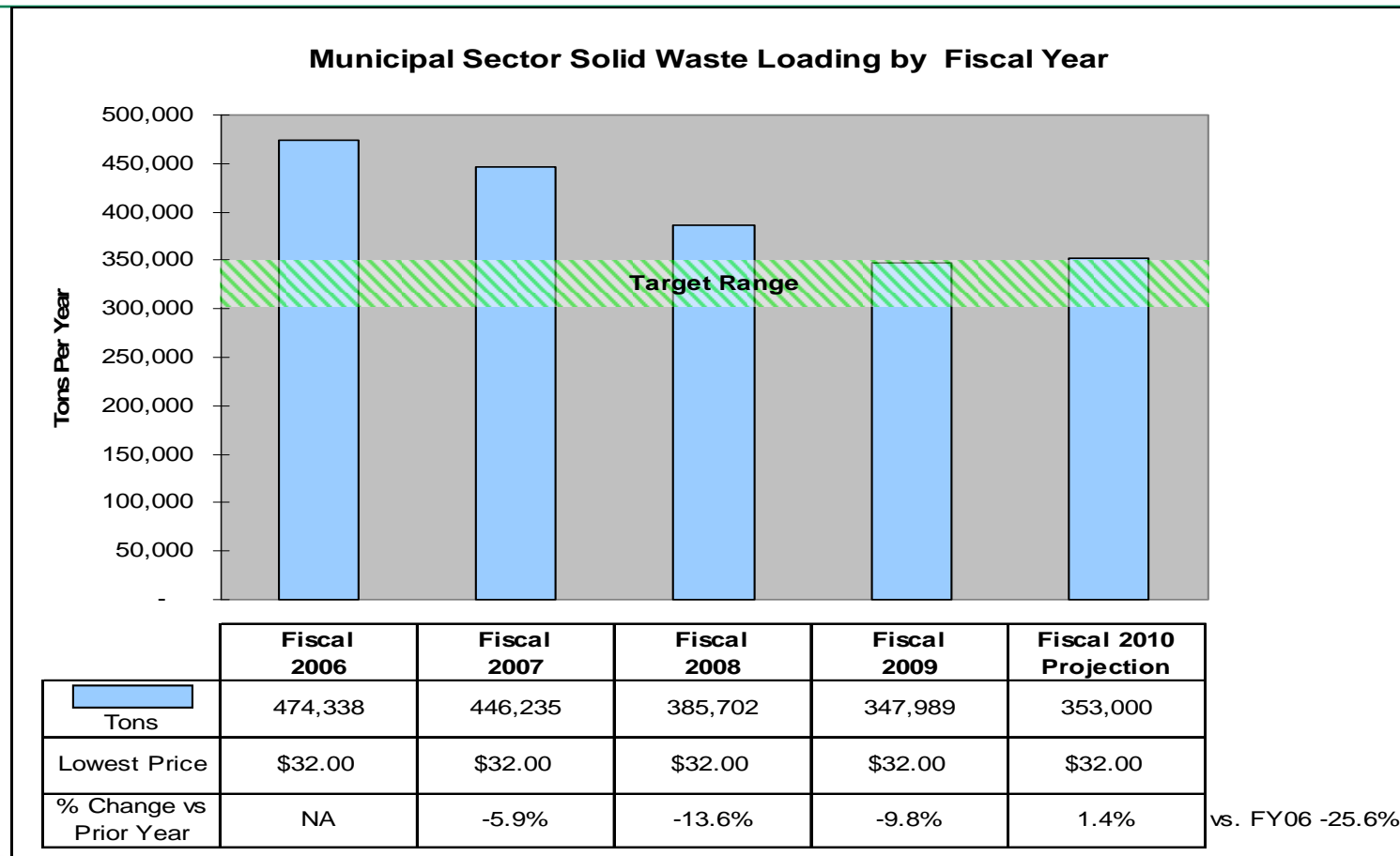




Rhode Island Resource Recovery

Recycling. Make it second nature.

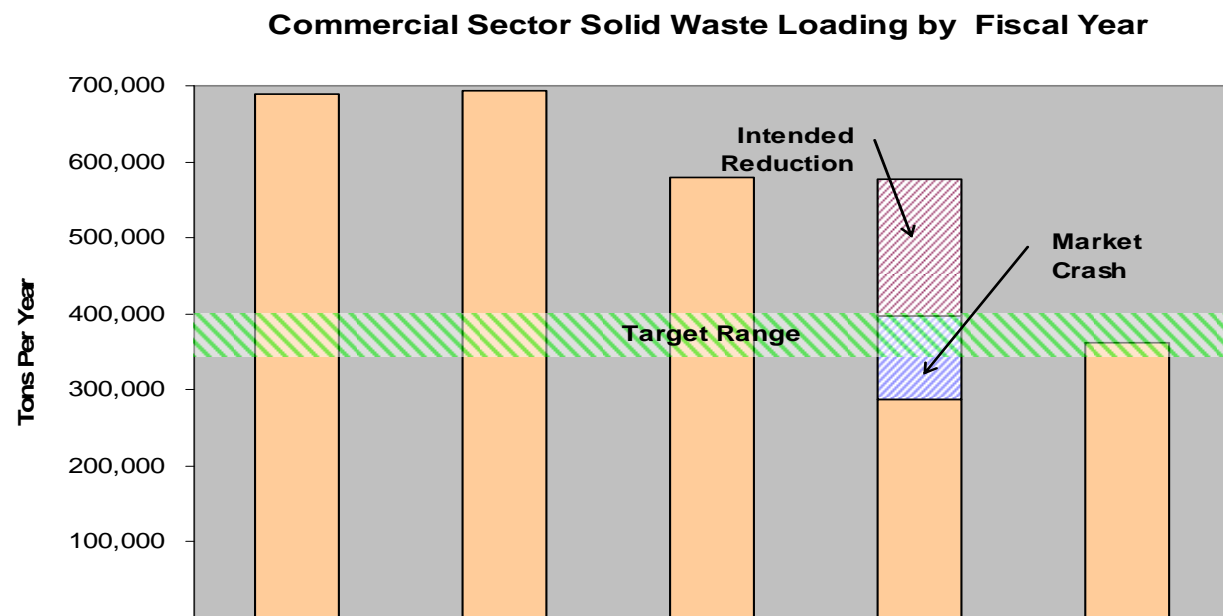
Municipal Sector Solid Waste



Rhode Island Resource Recovery

Recycling. Make it second nature.

Commercial Sector Solid Waste



	Fiscal 2006	Fiscal 2007	Fiscal 2008	Fiscal 2009	Fiscal 2010 Projection
Tons	688,189	694,220	578,354	287,434	363,000
Lowest Price	\$47.50	\$48.00	\$49.50	\$58.00	\$46.00
% Change vs Prior Year	NA	0.9%	-16.7%	-50.3%	26.3%

vs. FY06 -47.3%



Rhode Island Resource Recovery

Recycling. Make it second nature.

Summary of Key Business Trends

Category	Actual 2007	Actual 2008	Actual 2009	Projection 2010	
<u>Statistical</u>					
Solid Waste Tonnage (millions)	1.2	1.0	0.6	0.7	
Remaining Landfill Life (years)	14.4	17.3	28.3	24.9	
Number of Employees	129	121	99	97	
Recycled Tons (000)	94	99	97	96	



Rhode Island Resource Recovery

Recycling. Make it second nature.

Summary of Key Financial Trends

All in Millions	Actual 2007	Actual 2008	Actual 2009	Proje ction 2010	
Revenues	\$69.8	\$67.0	\$45.0	\$44.0	
Operating Cash Expenses	-62.8	-58.2	-43.0	-42.0	
Transfer to State of Rhode Island	<u>-3.3</u>	<u>-5.0</u>	<u>-4.5</u>	<u>0</u>	
Net Corporation Income	<u>3.7</u>	<u>3.8</u>	<u>-2.5</u>	<u>2.0</u>	



Rhode Island Resource Recovery

Recycling. Make it second nature.

Why Change the MRF?

- #3-7 Mandate (RIRRC)
- 35% Mandate (Municipalities)
- Reliable Sorting Technology
- Optical Sorting
- Increasing Inbound Volumes
- Quantum Leap Forward vs. Standing Still



Rhode Island Resource Recovery

Recycling. Make it second nature.

Options

- Remain Dual Stream
- Convert to Single Stream



Rhode Island Resource Recovery

Recycling. Make it second nature.

Single Stream Benefits-RIRRC

- Increased Inbound Volume
- Simplified Public Education Efforts
- Opens Commercial Recycling Stream



Rhode Island Resource Recovery

Recycling. Make it second nature.

Single Stream Benefits-Municipalities

- Reduced Collection Costs
- Reduced Disposal Fees
- Simplified Program for Residents
- Option to Convert to Automated Collection on Flexible Timeline
- Potential for Every Other Week Collection and Significantly Lower Collection Costs



Rhode Island Resource Recovery

Recycling. Make it second nature.

Challenges with Single Stream-RIRRC

- Decreased Marketability of Materials
- Increased Residue
- Financing Capital
- Hard to Process Materials
- Public Education Costs



Rhode Island Resource Recovery

Recycling. Make it second nature.

Challenges with Single Stream-Municipalities

- Pressure to Automate Collections
- Aversion to Change
- Residential Education
- Financing Carts



Rhode Island Resource Recovery

Recycling. Make it second nature.

Financial Opportunities for Municipalities

- Automated Collection
- Every Other Week Collection of Recyclables
- Increased recovery of materials



Rhode Island Resource Recovery

Recycling. Make it second nature.

Curbside Recycling Collection ...

<http://www.epa.gov/waste/conserve/tools/localgov/economics/collection.htm>

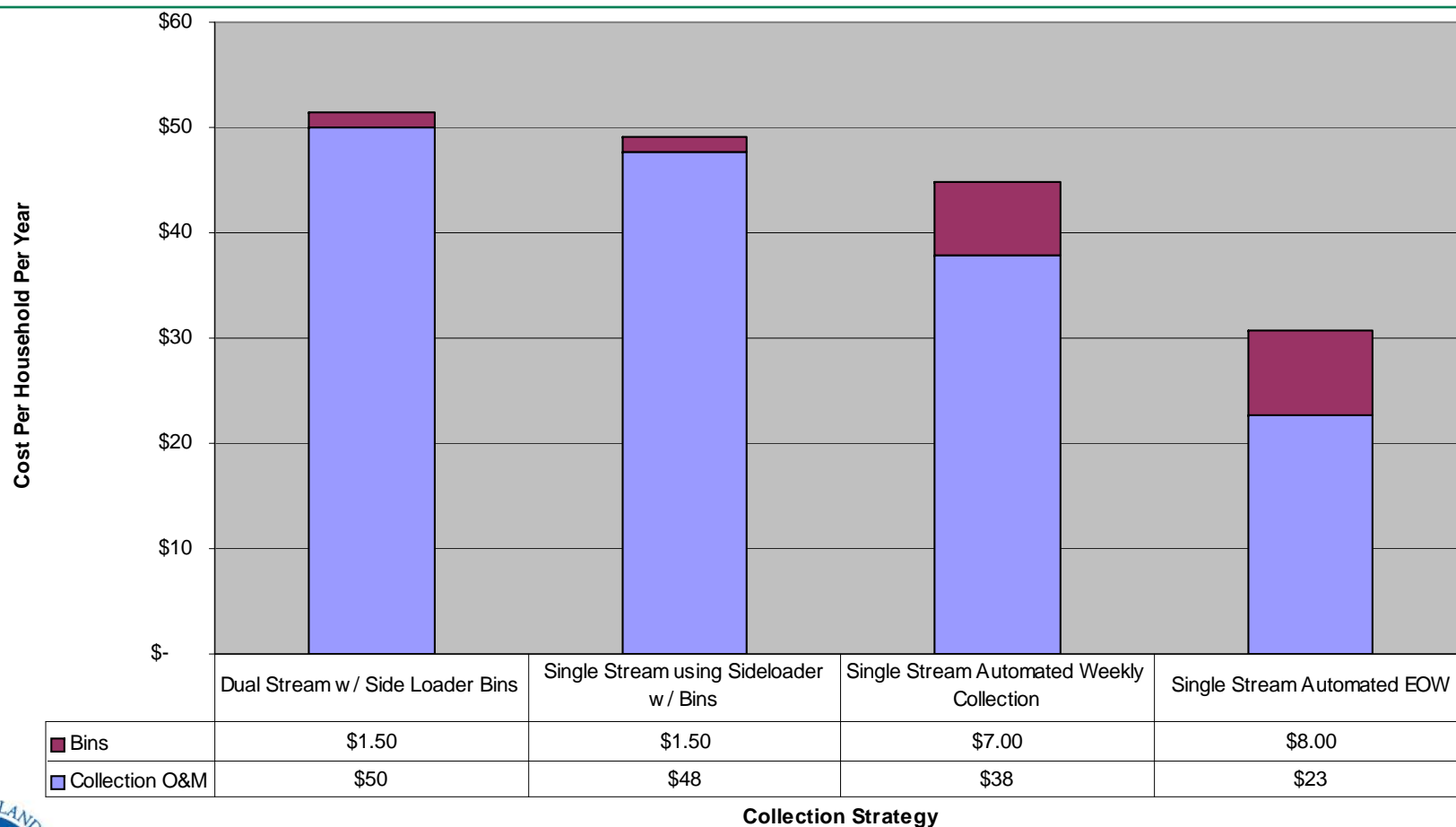
- **In General recycling collection costs per ton...**
 - Increase with the number of separately segregated commodities.
 - Increase with the frequency of collection.
 - Decrease as more materials are collected by the program..
- **Recommended Curbside Collection Strategy** – EOW Single Stream Automated collection w/ 96 Gal Carts for Recycling and PAYT



Rhode Island Resource Recovery

Recycling. Make it second nature.

A Comparison of Curbside Collection Cost



Rhode Island Resource Recovery

Recycling. Make it second nature.

Households Served

- Current Municipal Recycling Program Serves Approximately 370,000 households
 - 50K drop-off/ subscription
 - 270K curbside with two bin manual collection
 - 50K curbside with automated cart collection



Rhode Island Resource Recovery

Recycling. Make it second nature.

Statewide MRF Recycling Performance

- 435K tons of refuse and MRF recyclables per year
- Currently 21% (91.6K tons) delivered to MRF
 - 9.5 Pounds Per Household Per Week
- Target 35% (152K tons) delivered to MRF
 - 15.8 pounds per household per week



Single Stream Recycling Potential

- Current State wide Collection Cost Estimated to be \$16M
- Opportunity To Decrease Overall Municipal Cost Per Ton by 40 % Making Recycling more cost effective than disposal
- Potential to recover an additional 50K tons of municipal recycling representing \$2M in avoided tip fees and the opportunity to achieve targets



Rhode Island Resource Recovery

Recycling. Make it second nature.

Implementation Timeline

- 3/10: Meet w/Municipalities
- 4/10: Meet w/Financers
- 5/10: Review w/GA Leadership & Board
- 10/10: Issue RFP/RFQ
- 2/11: Award RFP/RFQ
- 7/12: Operational (Retrofit)
- 1/13: Operational (New Build)



Rhode Island Resource Recovery

Recycling. Make it second nature.

Memorandum



To: Rubbish & Recycling Committee
From: Christine Mulligan
Date: May 11, 2011
Re: Shred event

I have scheduled August 13, 2011 with Shred It for our shred event at the Farmers' Market. The hours will be 9:00 a.m. to 1:00 p.m. The cost is \$770. I will take care of the payment and completing the necessary paperwork.

The representative at Shred It asked us to consider whether to offer the event to neighboring communities, and if so, they will list it on their web site. He suggested this would be a good idea to attract people to our town and our Farmers' Market so I ask the committee to consider and vote on this question at the May 23 meeting.

The rep will also be emailing me the Shred It logo to be used in any web or print advertising we may do related to the event.