

Program Development

- Recycling Coordinator hired in 2008
- First NYSDEC recycling education grant 2008
- USDA waste reduction grant 2009-2011
- NYSDEC ReUse grant 2012
 - New building to be opened by May 2012 for "rescued materials"
- EPA Zero Waste pilot recruitment program 2012
- New Paltz Town Board approves Zero Waste Action Plan 2013

Registered Food Waste Composting Site

- Low-tech with no capital start up cost
- Over 400 tons of food waste collected in 2012 and 2013
- \$20,000 collected in 2013 in food waste tipping fees
- Mulch sales 1/1/14 to date are \$1,700.00


Recycling, ReUse, Education

- A permanent ReUse Center opened October 24th enabling additional materials to be diverted from the waste stream
- Goal to repurpose all materials entering the waste stream and reduce costs for landfilling
- COMMODITIES NOT WASTE




Rigid Plastic Recycling: Additional Twelve Tons/Year Diverted





Annual Year Results



- Outgoing waste:
 - 2010 531 tons
 - 2011 505 tons
 - 2012 404 tons
 - 2013 364 tons
- Disposal fees reduced from \$70,000 annually to \$48,000 in 2014
- Resident recycling center users saved \$18,000
- Revenue from sales of material and user fees increased \$79,632 in 2009 to \$123,074 in 2013

UCRRA Changes for 2015

- Increased fees will be \$13,000 (\$48,000 to \$61,000)
 - Tipping Fee will increase from \$86 ton to \$103 ton
 - Pull Fee will increase from \$43 pull to \$62
 - New monthly roll-off rental \$85 month
 - Fuel surcharge will remain at 7%
- Ulster County Resource Recovery Agency reports \$2.35M profit for 2013
- UCRRA reports insurance company ordered removal of unsafe roll-off containers from service; some over 25 years old
- UCRRA requesting ten-year contracts with no set price provisions for future years

Scenarios

- Increased fees to residents (\$18,000 annually)
- Reduce Services: Senior pickup and Spring Drop-Off (\$7500.00 annually)
- Reduce amnesty programs: Brush

Board of Directors

Leon Smith, Chairman
 Catherine Nilsen, Vice Chairman
 Charles Landi, Treasurer
 Dominic Tagliaferro, Member
 David Gordon, Esq., Member

Legal Staff

Kenneth Gilligan, Esq.



Executive Director
TIMOTHY B. ROSE, P.E.
 999 Flatbush Road
 P.O. Box 6219
 Kingston, NY 12402

Administration Staff

Timothy DeGraff, CPA, Controller
 Charles Whittaker, Operations Manager
 Thomas Briggs, Compliance Officer
 Michelle Bergkamp, Recycling Coordinator

E-Mail: ucrra@ucrra.org
 Website: www.ucrra.org
 Phone: (845) 336-0600
 Fax: (845) 336-4129

May 29, 2014

Supervisor Gregory L. Helsmoortel
 Town of Saugerties
 Town Hall, 4 High Street
 Saugerties, NY 12477

Re: 10-Year Solid Waste Management Agreement
 Proposal

Dear Supervisor Helsmoortel:

Over 20 years ago the Ulster County Resource Recovery Agency ("Agency") and most of the municipalities in Ulster County entered into Solid Waste Management Agreements. The agreements were mutually beneficial as the Agency provided financial support to the municipalities to aid in closure of their municipal landfills and to construct Municipal Recycling Drop-off Centers ("MRDC") and in return, the municipalities agreed to operate their MRDCs while the Agency transported the municipality's Municipal Solid Waste ("MSW")/Construction & Demolition (C&D) debris and regulated recycling. These agreements enabled the Agency to financially invest in the necessary equipment to service the municipalities. The original agreements expired a couple of years ago and since that time the Agency and the municipalities have extended the agreements twice; first by one year and second by 15 months. The current agreement expires on December 31st of this year. The Agency is proposing the municipalities renew their Solid Waste Management Agreements for an additional 10-year period (January 1, 2015 – December 31, 2024).

Agency equipment used to service the municipalities such as roll-off trucks and roll-off boxes are aged and in dire need of replacement. In order to continue servicing the municipalities a substantial investment must be made. The Agency's executive staff and Board of Directors considered the issue at the board meetings held on April 28, 2014 and May 28, 2014. After much discussion it was concluded that the portion of the Agency's business that services the municipalities must be self-supporting and thereby must not be financially subsidized by the revenues generated from the private sector that utilizes the Agency's facilities. A cost analysis was performed and what Agency staff already assumed is true, was proven; the cost to service the municipalities is substantial and monies used to support this service are being diverted from Agency revenues generated from the private sector. In fiscal year 2013 that portion of the Agency's business had a financial loss of approximately \$72,000.

In order to assess present and future costs Agency staff evaluated three distinct areas associated with servicing the municipalities:

1. Tipping Fee - Costs associated with the transport and disposal of the MSW/C&D at a final disposal facility (i.e. landfill, waste-to-energy plant, etc.), Agency employee salaries/benefits (other than those costs associated with servicing the municipalities), equipment used to load the long-haul trucks, debt service, recycling outreach efforts and education, etc.
2. Transporting the MSW/C&D and Recycling to an Agency Facility – Costs associated with fuel, equipment repairs, Agency employee salaries/benefits (those associated with servicing the municipalities), etc.
3. 10-Year Capital Investment – Costs associated with replacement of equipment needed to service the municipalities such as roll-off boxes, roll-off trucks, etc.

I'll address the above three cost areas one at a time. Firstly, the tipping fee for those municipalities that the Agency hauls for is \$93/ton and for those municipalities that self-haul the tipping fee is \$86/ton. At present these rates are \$10/ton and \$17/ton respectively less than the private sector's rate of \$103/ton. In order to ensure that the private sector is not in any way financially supporting the public sector services, all users of the solid waste system will be charged the same tipping fee. The tipping fee for the ensuing year is adjusted in August of each year during the budget process. Then in October a public hearing is scheduled for the general public and municipalities to comment on the proposed tipping fee.

Secondly, a cost analysis was performed on the transportation of the MSW/C&D and recycling from the municipalities' MRDCs to an Agency facility. As we expected, it was discovered that the current \$43 pull-charge is insufficient to support the Agency's costs. We analyzed the total miles driven per year, employee's time, fuel usage, etc. and found that a pull-charge of \$62 is required to cover these costs.

And thirdly, as stated previously the majority of the equipment needed to service the municipalities is at their end-of-life and therefore must be replaced. After careful consideration a 10-year capital plan was written which resulted in an estimated investment of \$1.16 million. In order to spread these costs across the municipalities in a fair-minded fashion, it was determined that a roll-off box rental fee should be established. The rental fee was calculated by using the total investment needed (\$1.16 million) to replace roll-off trucks and roll-off boxes and dividing that dollar figure by 120 months (10-year contract). This calculation resulted in an \$85/roll-off box/month rental fee. At present roll-off boxes range in cost from approximately \$5000 to \$7000 depending on the size and whether they are open-top or closed-top boxes and a roll-off truck costs approximately \$175,000. As an example, if the municipality's MRDC has three roll-off boxes the monthly charge would be \$255. If the municipality's MRDC has five boxes then the monthly rental fee would be \$425, and so on. Municipalities that currently have compactors would be "grandfathered in" and would be charged the same as a roll-off box. However, moving forward should a municipality desire to have a compactor installed the rental fee would be \$300/month. A typical compactor with two boxes (one extra for a switch-out) and installation costs approximately \$36,000. Therefore $\$36,000/120 \text{ months (10-year contract)} = \$300/\text{month}$.

In summary the Agency has estimated the fees for fiscal year 2015 to be:

	<u>Tipping Fee</u>	<u>Pull-Charge</u>	<u>Roll- Off Box Rental Fee</u>
<u>Current</u>			
Agency Hauls	\$93/ton	\$43/pull	N/A
<u>Fiscal Year 2015</u>			
Proposed	Same as the private sector (current rate is \$103/ton)	\$62/pull	\$85/roll-off box/month
<hr/>			
<u>Current</u>			
Municipality Self-Hauls	\$86/ton	N/A	N/A
<u>Fiscal Year 2015</u>			
Proposed	Same as the private sector (current rate is \$103/ton)	N/A	N/A

It is important to note too that because expenses change over time such as steel prices to construct roll-off boxes, fuel prices, employee salaries, manufacture of roll-off trucks, etc. the Agency must have the ability to adjust the rates during its budget process and therefore the rates will not be "locked in" for any period of time other than on an annual basis as reflected in the Agency's budget.

This is an important crossroads for both the municipalities and the Agency. I therefore encourage you to explore all options available to you such as closing the municipality's MRDC, merging the municipality's MRDC with another municipality's MRDC, go out to bid for the hauling services and/or operation of the MRDC, or purchase a new/used roll-off truck and roll-off boxes and use the municipality's current DPW staff to transport the MSW/C&D and recycling. It is possible that after the municipalities explore such options, enough may choose not to renew their contract with the Agency that could cause the Agency to reevaluate if it'll continue its roll-off operations and thereby sell off its roll-off trucks and roll-off boxes. In any case, the Agency would like to come to some conclusion by August 15, 2014 so the 2015 Agency Budget can be submitted in a timely manner to the County Executive's Office and the County Legislature for their review and comment.

The Chairman of the Mayors & Supervisors Association, Carl Chipman has allowed the Agency's Chairman of the Board of Directors Leon Smith and me the opportunity to attend the June 17, 2014 association meeting to answer any questions you may have. And as always, I am available to meet with you individually or discuss via the phone or email any comments/questions you may have. In addition, should you desire to address the Agency's Board of Directors directly, monthly board meetings are held the fourth Monday of the month at 5:00 PM at the Agency's offices located at 999 Flatbush Road, Kingston, NY.

In closing I'd like to state that during my 4 ½ years as Executive Director I've greatly enjoyed working alongside each and every one of you. I've said it publically and I'll say it here; you as mayors and supervisors are on the frontlines of public service and therefore I truly believe you have one the toughest jobs in Ulster County. I look forward to your decision.

Sincerely,



Timothy B. Rose, P.E., BCEE, QEP, M.P.A.
Executive Director

Cc: File
Agency Board of Directors
Kenneth Gilligan, Esq., Agency Counsel
Timothy DeGraff, CPA, Agency Controller
Hon. Michael Hein, Ulster County Executive
Hon. Elliott Auerbach, Ulster County Comptroller
Hon. John Parete, Chairman, Ulster County Legislature
Hon. Donald Gregorius, Majority Leader, Ulster County Legislature
Hon. Kenneth Ronk, Minority Leader, Ulster County Legislature
Hon. Tracy Bartels, Chairman, Energy and Environment Committee, Ulster County Legislature

Ulster County Resource Recovery Agency reports \$2.35M profit for 2013

By William J. Kemble, news@freemanonline.com

FOUNDED: 01/25/14, 3:25 PM EST | UPDATED: ON 01/26/2014
[7 COMMENTS](#)

TOWN OF ULSTER >> The Ulster County Resource Recovery Agency turned a \$2.35 million profit last year, and agency officials are crediting the county's new flow-control law for the success.

The flow-control law, which took effect last February, requires all haulers of solid waste in Ulster County to bring that waste to an agency-run facility and pay the agency's per-ton disposal cost, known as a "tipping fee."

"I think you'll see the financials as one of the best years this agency has (had), and I think all board members that are involved in it you should take credit for it along with the staff," agency board Chairman Leon Smith said at a meeting on Monday. "They've all done a good job, and this will be the first year that this agency won't ask for a net service fee (from the county)."

County lawmakers approved the flow-control law in December 2012 in exchange for an unwritten promise that the trash agency would not follow through with its request for a \$2.47 million county subsidy, or net service fee, in 2013. The \$2.47 million figure represented an 81 percent jump from what the county gave the agency in 2012.

Since flow control took effect, the trash agency has been charging three major haulers — Waste Management, County Waste and Royal Carting — \$100 per ton to dispose of solid waste. Before flow control, the agency's per-ton fee ranged from \$70 to \$77 per ton because it needed to stay competitive with other disposal sites.

County Waste, based in Clifton Park, started charging its customers 14.45 percent more in February 2013 and blamed flow control.

"Ulster County passed this law knowing that this increase would need to be passed on to our customers," County Waste officials wrote in a letter to customers.

The Resource Recover Agency says is had revenue of \$13,720,022 in 2013 and expenses of \$11,365,317, leaving a profit of \$2,354,705. That's about \$1.4 million more than the agency's 2012 profit.

The 2013 profit came despite it taking in less waste than the year before. Haulers brought in 118,140 tons of solid waste last year, down about 11.5 percent from 2012.

Tipping fee revenue in 2013 was \$11.45 million, up 6.3 percent from 2012.

"We can tie that to the fact that we passed flow control," said agency board member Charles Landi. "Even though volume was down, we can make that case, and I think we've already done that."

Person SWB

Projected

1995 TOWN OF NEW PALTZ

TRANSFER STATION/RECYCLING CENTER FEES

TUESDAY, WEDNESDAY, FRIDAY & SATURDAY - 9AM TO 5PM
THURSDAY - 9AM TO 1PM
255-8456

PERMITS

Residential	\$20.00
Veteran/Senior Citizen w/ Low Income Exemption	15.00
Contractor or Business.....	40.00
Additional Permits.....	2.00
Temporary Permits:	
Residential - One Trip w/two bags.....	3.00
Commercial - One Day plus Tipping Fee.....	5.00
- Two Week plus Tipping Fee	25.00

Recycling Only

Residential.....	NO CHARGE
"Out of Town" Residential.....	20.00
"Out of Town" Business.....	65.00

Punch Cards	10.00
- Only valid with 1995 Residential/Contractor Permit	
- Sold Separately from Permit	

BULKY ITEMS/CONSTRUCTION AND DEMOLITION

"Light Material" (Painted wood, Vinyl Siding, Carpet, etc).....	20.00	cu.yd.
"Heavy Material" (Block, Shingles, Sheet Rock Porcelain etc)....	35.00	cu.yd.
"Basement/Attic Clean-up".....	15.00	cu.yd.
Uncompacted Trash.....	25.00	cu.yd.
Mattress/Box Spring - Single	3.00	ea.
- Double	4.00	ea.
Furniture.....	2.00	seat
Televisions, Large Plastic Items, Misc Bulky Items.....	1.00	ea.

ORGANIC WASTE

Leaves/Brush.....	NO CHARGE
Stumps (6" x 6' and over).....	10.00
Logs (6" x 6' and over).....	5.00

TIRES

Passenger - <u>WITHOUT</u> Rim.....	2.00	ea.
- <u>WITH</u> Rim.....	3.00	ea.
Truck - Over 16.5 in.....	5.00	ea.
- Over 20 in.....	10.00	ea.

METAL

White Goods & Water Heaters.....	5.00	ea.
Refrigerators.....	10.00	ea.
Air Conditioners/Dehumidifiers.....	5.00	ea.
Batteries (Automobile).....	1.00	ea.
Oil Tanks - 500 Gal.....	5.00	ea.
- 1000 Gal.....	10.00	ea.
(Must have 1' x 1' inspection hole & must be dry)		

TOWN OF NEW PALTZ RECYCLING
Sales by Item Summary
 January through December 2013

06/19/14
 Accrual Basis

		Jan - Dec 13				
Service	Qty	Amount	% of Sales	2015 Increase	New Cost	Total 2015
Coupons	1,482.00	44,430.00	63.87%	5.00	35.00	51,870.00
Garbage						
Bags-(a)-Household	2,718.25	8,421.00	12.11%	1.00	5.00	13,591.25
medium bag	511.00	989.00	1.42%	1.00	3.00	1,533.00
Small Bag	46.00	44.00	0.06%			
Total Garbage		9,454.00	13.59%			
One Day Permits						
One Day-Resident	533.00	1,066.00	1.53%	1.00	3.00	1,599.00
One Day - Non Resident	60.00	300.00	0.43%	1.00	6.00	360.00
Total One Day Permits		1,366.00	1.96%			
Permits						
NonResident/Contractor	41.50	962.50	1.38%	5.00	40.00	1,660.00
Residential	457.00	9,093.00	13.07%	5.00	25.00	11,425.00
Veteran/Senior Citizen	428.00	4,260.00	6.12%	5.00	15.00	6,420.00
Total Permits		14,315.50	20.58%			
Total Service		69,565.50	100.0%			
TOTAL		69,565.50	100.0%			88,458.25
					New Revenue	18,892.75

The White Elephant Project

Mission Statement: The White Elephant Project is an education center built from yesterday's trash for tomorrow future. The White Elephant is built primarily from recycled materials using earthship, straw bale, cord wood and cobb principles. By using waste materials that would otherwise be sent to the landfill, this net zero building increases our community's resiliency, by minimizing waste, managing resources, and creating educational opportunities that will continue to secure the Hudson Valley's positioning in the frontier of sustainable living.

WEP will be located at the New Paltz Recycling Center, where most of the materials were dropped off by community members. WEP plans to offer workshops, classes, and gatherings to strengthen cultural ties, promotion of sustainability and environmental awareness.

CISTERN

8'x10'
HANDLES
ACCESSIBLE
1/2 BATH

2x4 VENTS FROM
ABOVE THE FLOORS
TO DAY LIGHT

CONTINUOUS
CONCRETE PERIMETER

2" STYROFOAM

CLAY FLOOR
(THERMAL MASS)
TOPPED WITH STONE/BRICK

EARTHEN
THERMAL
MASS

TIRE WALL

COB WALL
COATING

CONCRETE PEW

SODA CANS

CONCRETE FILLING
BOLLY COLUMNS

SINGLE PAIR GLASS WALL

THERMAL PAIR GLASS

TRIPLE 2x10

RADIANT
HEAT TUBES

VENT

TRIPLE 2x10

VENT

RADIANT HEAT TUBES

VENT

EPDM LINED PLANTER FILLED
WITH LARGE STONES

10' x 10'