

**Memorandum  
Public Works Department**



**To:** City Manager  
**Subject:** Landfill Proposal  
**Date:** October 21, 2015  
**Number:** 2015-195

On June 24, 2015 bids were opened for landfill disposal services for refuse, waste water sludge, yard waste, and tree waste for the period of January 1, 2016 through December 31, 2020. This was a joint bid with Moline and Milan. The provider and costs for 2015 are:

Provider	Domestic Refuse per Ton	Sludge Per Ton	Yard Waste per Ton	Bulk Tree Waste Per Ton
Millennium Waste	\$17.32	\$13.25	\$34.00	\$29.00

The Saturday drop-off center is located at the Millennium Waste Landfill at a cost to Rock Island Citizens of \$10.00 per pick-up load or equivalent.

The following bids were received for the 2016-2020 contracts. The prices include all applicable State and local fees.

**Millennium Waste, Inc.**

Year	Domestic Refuse per Ton	Sludge Per Ton	Yard Waste per Ton	Bulk Tree Waste Per Ton
2016	\$16.96	\$13.91	\$35.70	\$35.70
2017	\$17.30	\$14.19	\$36.41	\$36.41
2018	\$17.65	\$14.47	\$37.14	\$37.14
2019	\$18.00	\$14.76	\$37.89	\$37.89
2020	\$18.39	\$15.06	\$38.64	\$38.64

Year	Rock Island Resident Saturday Drop Off *Refuse Rate per Load	Rock Island Residents Saturday Drop Off *Yardwaste Rate per Load
2016	\$13.00	\$13.00
2017	\$14.00	\$14.00
2018	\$15.00	\$15.00
2019	\$16.00	\$16.00
2020	\$17.00	\$17.00

## Republic Services - Upper Rock Island County Landfill

Year	Domestic Refuse per Ton	Sludge Per Ton	Yard Waste per Ton	Bulk Tree Waste Per Ton
2016	\$15.95	\$12.50	\$29.00	\$30.00
2017	\$15.95	\$12.50	\$29.00	\$30.00
2018	\$16.43	\$12.88	\$29.87	\$30.90
2019	\$16.92	\$13.27	\$30.77	\$31.83
2020	\$17.43	\$13.67	\$31.68	\$32.79

The Saturday drop-off center per load fee for Rock Island Residents for the five year contract is \$25.00 per load.

### Analysis of Millennium Waste, Inc. and Republic Services

Republic Services landfill is 11.4 miles further than Millennium Waste's landfill. Last year 2,163 trips were made to the landfill at an average cost of \$1.95 per mile for a total increase of \$240,417.00 over the life of the five year contract. The further distance also accounts for a longer drive time to the landfill of 22 minutes per truck for an average increase in man hours of \$119,123.62 over the life of the five year contract.

Using estimated tons for refuse, yard waste, sludge and bulky tree waste the landfill tipping savings by going with Republic Services would total \$131,251.00.

Even though Republic Services per ton bid is lower over the life of the contract the overall increase to the contract when factoring transportation and labor costs would be **\$112,783.62.**

**Recommendation**

The Public Works Department recommends that the City Council approve the five year contract with Millennium Waste Inc.

Vendor: Millennium Waste Inc.

Fund: 101 General Fund  
Department: 616 Municipal Services  
Cost Center: 331 Refuse Collection / Disposal  
Object Code: 53704 Waste Disposal Service

Fund: 101 General Fund  
Department: 616 Municipal Services  
Cost Center: 332 Yard Waste  
Object Code: 53704 Waste Disposal Service

Fund: 101 General Fund  
Department: 616 Municipal Services  
Cost Center: 333 Recycling  
Object Code: 53704 Waste Disposal Service

Fund: 506 Wastewater Operations & Maintenance  
Department: 618 Utilities Service  
Cost Center: 341 Wastewater Mill Street Plant  
Object Code: 53704 Waste Disposal Service

**Submitted by:** Randall D. Tweet, Public Works Director  
Michael T. Bartels, Municipal Services Superintendent

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**Approved by:** Thomas Thomas, City Manager