

Resolution No. 24-005

Mineral County  
Landfill Rates

WHEREAS, the Board of Mineral County Commissioners have determined that the present rates for material delivered to the landfill for Municipal Solid Waste and Construction and Demolition Materials are not equal to the landfill operating cost, closure/post-closure, and equipment replacement and

WHEREAS, the Board of Mineral County Commissioners have determined that the disposal fees and their implementation must be modified for disposal of said materials to meet the landfill operational costs;

THEREFORE, IT IS HEREBY RESOLVED THAT the following fee schedule is to go into effect July 1, 2024:

Definitions:

Municipal Solid Waste (MSW) is defined as residential and commercial solid wastes which are generated from daily activities. MSW includes, but is not limited to, food wastes, yard wastes, containers and product packaging, miscellaneous organic and inorganic wastes, newspapers, clothing, food scraps, boxes, disposable tableware, office and classroom paper and cafeteria wastes.

Construction and Demolition Materials are defined as waste generated by construction, demolition activity, and cut tire disposal. This includes, but is not limited to, building materials such as insulation, nails, electrical wiring, and rebar, as well as waste originating from site preparation such as dredging materials, tree stumps, rubble, furniture and mattresses.

**Commercial Haulers, Contractors, and any business that is engaged in any activity in pursuit of profit, whether such business is pursued for the benefit of the person so engaged or for another are not equal to the landfill operating costs. The following fees apply:**

Municipal or Commercial Solid Waste Fees:

MSW shall be charged as follows: quantities less than three (3) cubic yards shall be charged at a rate of \$5.00 per visit; disposal of quantities in excess of 3 cubic yards shall be charged a rate of \$14.50 per ton. If facilities are not available to weigh the MSW, a rate of \$5.00 per cubic yard for compacted or \$2.00 per cubic yard for uncompact materials will be charged.

# Chemical Equilibrium

## Introduction

Chemical equilibrium is a state where the concentrations of reactants and products remain constant over time. This occurs when the forward and reverse reaction rates are equal. The equilibrium constant,  $K$ , is a measure of the extent of the reaction and is defined as the ratio of the concentrations of products to reactants, each raised to the power of their stoichiometric coefficients.

## Le Chatelier's Principle

Le Chatelier's Principle states that if a system at equilibrium is subjected to a change in concentration, temperature, or pressure, the system will adjust itself to counteract the change and re-establish equilibrium.

## Example

Consider the following reaction:  $N_2(g) + 3H_2(g) \rightleftharpoons 2NH_3(g)$ . If the concentration of  $N_2$  is increased, the system will shift to the right to consume the added  $N_2$  and produce more  $NH_3$ . Conversely, if the concentration of  $NH_3$  is increased, the system will shift to the left to consume the added  $NH_3$  and produce more  $N_2$  and  $H_2$ .

Temperature changes also affect equilibrium. For an exothermic reaction, increasing the temperature will shift the equilibrium to the left, favoring the reactants. For an endothermic reaction, increasing the temperature will shift the equilibrium to the right, favoring the products.

Pressure changes affect equilibrium only for reactions involving gases. Increasing the pressure will shift the equilibrium towards the side with fewer moles of gas.

## Conclusion

Chemical equilibrium is a dynamic process where the forward and reverse reactions continue to occur, but the overall concentrations of reactants and products remain constant. Understanding the factors that affect equilibrium is essential for predicting the behavior of chemical systems.

Construction and Demolition Material Fees:

All construction and demolition materials shall be charged as follows: quantities less than three (3) cubic yards shall be charged at a rate of \$10.00 per visit; disposal of quantities in excess of 3 cubic yards shall be charged a rate of \$ 18.00 per ton. If facilities are not available to weigh the Construction Materials, a rate of \$10.00 per cubic yard will be charged.

Miscellaneous Material Fees- in County only:

The following materials shall be charged separately as follows:

ASBESTOS

Friable	\$50.00 per cubic yard
Non-friable	\$25.00 per cubic yard

TIRES

Automobile (up to 19.5")	\$2.00 each
Truck (20"-24.5")	\$3.50 each
Equipment (25" or larger)	\$25.00 each
Tires cut in quarters or sliced	\$8.00 per cubic yard

TREE LIMBS & BRANCHES,

2 inches or smaller	\$5.00 three cubic yards or less
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MEDICAL WASTE:

Must be identified at the inspection house and red bagged.

\$5.00 per load

SEPARATED WHITE GOODS AND METALS

No charge

UNITS WITH REFRIGERATION

\$75.00 each

INDIVIDUAL DECEASED SMALL ANIMALS:

Under 150 lbs.

No charge

INDIVIDUAL DECEASED LARGE ANIMALS

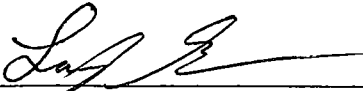
Over 150 lbs.

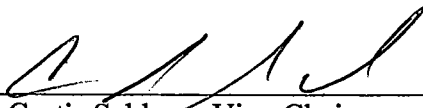
\$50.00

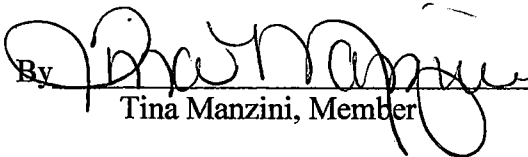
NOW, THEREFORE BE IT RESOLVED that the above Landfill fee schedule is hereby established and enacted as set forth above.

PASSED, APPROVED AND ADOPTED AT A REGULAR MEETING of the Board of Mineral County Commissioners held on this 17<sup>th</sup> day of January, 2024.

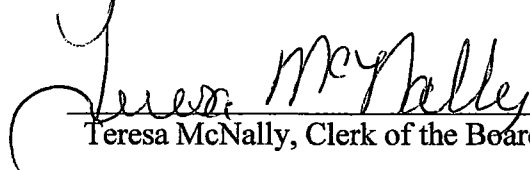
BOARD OF MINERAL COUNTY COMMISSIONERS

By  \_\_\_\_\_  
Larry Grant, Chairman

By  \_\_\_\_\_  
Curtis Schlepp, Vice-Chairman

By  \_\_\_\_\_  
Tina Manzini, Member

ATTEST:

 \_\_\_\_\_  
Teresa McNally, Clerk of the Board