City of Rapid City - Solid Waste Division

Waste Tire Collection & Disposal Work Plan

2021

Work Plan:

1) Timeline 2021
   a) May 21, 2021: Grant Application
   b) June 7, 2021: Grant resolution passed by City of Rapid City Common Council
   c) August 16 – September 19, 2021: Waste tire advertising campaign:
   d) Waste Tire Collection: Rapid City Landfill
      i) Monday, September 20 – Saturday, September 25: Tire Collection
      ii) December 31, 2021: Complete Waste Tire Collection funding
   e) Waste Tire Disposal
      i) November 30, 2021: Complete hauling or disposal of waste tires from Rapid City Landfill as 
         contractor time and availability permits.

2) Public Education/ Advertising
   a) Public education for this event will assure that area residents are aware of the disposal 
      timelines, as well as restrictions on eligibility disposal of tires at no charge. The budget for public 
      education/ advertising will utilize print, radio, and TV spots generated through no-cost PSA’s 
      from local governments, including municipalities and county elected and appointed personnel.

3) Collection Site:
   a) The Rapid City Landfill will be the designated collection site for the waste tire program.
      i) Traffic Control: To maintain normal operations at the landfill/ MRF, waste tires will be 
         weighed upon crossing the scale. Personnel will be posted on the Citizen Campus to do 
         traffic control and assist with unloading as needed. Residential customers may be asked to 
         provide their zip code to track tire generation locations.
         (1) Waste Tire Temporary Storage: Temporary storage of waste tires shall be accepted and 
             temporarily stored in accordance with South Dakota Administrative rule 74:27:13:17:01.
      ii) Load Restrictions: The waste tire disposal program will be open to residential customers in 
          the Rapid City Landfill service area. This includes residents of the municipalities of Rapid 
          City, Box Elder, New Underwood, Piedmont, Blackhawk, Hill City, Keystone, and Hermosa. 
          Unincorporated residential service locations include all areas of Pennington, Custer, and 
          Meade counties.
          (1) Eligible Residential Waste Tires:
              (a) Eligible customers must be a resident in the Rapid City Landfill service area.
              (b) NO COMMERCIAL TIRE BUSINESSES ARE ELIGIBLE TO DISPOSE OF WASTE TIRES.
                  (i) For the purpose of this waste tire program, a business or commercial customer 
                      is defined as an entity that derives all or a portion of their income from a 
                      process that produces waste tires. This includes automobile/ truck salvage 
                      yards, tire repair or recycling, or any similar business.
              (c) Residents are encouraged to minimize the number of tires on a rim to maximize the 
                  number of tires accepted for disposal.
(2) Customers shall be responsible for assisting in the unloading and proper placement of tires delivered to the Rapid City Landfill

4) Final Disposal – Estimated Cost:
   a) There are three options for disposal of waste tires from the Rapid City Landfill Collection site.
      i) Ship tires out for disposal. Estimated $220/ton
         (1) Contact potential haulers for disposal rates and timelines

5) Estimated Volume of Tires Accepted for Disposal (Estimate based on automobile truck tires per ton)
   a) 32,468 automobile tires at 28lb/tire accepted for disposal