

Attachment A

(For Comparison Purposes Only)

	Fresno County Current	Fresno County Proposed	Kern County	Kings County	Madera County	Merced County	Monterey County	Stanislaus County	Tulare County	Inyo County	San Joaquin County
Passenger/ Light Truck Tires	\$1.50 ea.	\$2.11 ea.	\$2.00 ea.	\$3.00 ea. 9 tires or less	\$4.00 ea.	\$3.00 ea. add \$5 if on rim	\$2.00 ea. Up to 31" more than 3 tires SW rate applies \$56/ton; \$15 min.	\$2.50 ea.	\$2.00 ea. 9 tires or less	\$4.00 for 19" rim or less + \$5.00 gate fee; \$8.00 for 20-24.5" rim less + \$5.00 gate fee	\$4.00 ea. Car/Motorcycle \$7.50 ea. Light Truck
Semi Truck Tires	\$5.85 ea.	\$8.44 ea.	\$10.00 ea Heavy Duty	\$6.00 ea. 9 tires or less	\$6.00 ea.	\$7.00 ea. add \$5 if on rim	\$5.00 ea. 31" - 41" more than 3 tires SW rate applies \$56/ton; \$15 min.	\$15.00 ea.	\$10.00 ea. 5 tires or less	\$30.00 for up to 100 lb + \$5.00 gate fee; \$40.00 over 100 lb to 150 lb + \$5.00 gate fee	\$13.75 ea. Larger than 12.00 x 24
Agricultural/ Tractor Tires	\$7.50 ea.	\$12.66 ea.	\$14.00 ea. Oversize	\$12.00 ea. 9 tires or less	\$12.00 ea. Depending on size	\$85.00 ea. add \$5 if on rim	\$10.00 ea. 42" - 50" more than 3 tires SW rate applies \$56/ton; \$15 min.	\$25.00 ea. No larger than 17.5 x 24	N/A	\$50.00 over 150 lbs up to 200 lbs plus \$5.00 gate fee	\$16.00 ea. No larger than 17.5 x 24
Agricultural/ Tractor Tires	N/A	\$12.66 ea. < 120 lbs. \$210.93/ton > 120 lbs.	N/A	N/A	\$30.00 ea. Depending on size	\$325.00 ea. add \$5 if on rim Loader	\$75.00 ea. 51" - 60" more than 3 tires SW rate applies \$56/ton; \$15 min.	\$110.00 ea. No larger than 23.5 x 25	N/A	N/A	\$135.25 ea. No larger than 23.5 x 25
Earthmover Heavy Equipment Tires	N/A	\$210.93/ton	\$200.00/ton Earthmover	N/A	\$40.00 ea. Depending on size	\$645.00 ea. add \$5 if on rim Earthmover	\$150.00 ea. Over 60" more than 3 tires SW rate applies \$56/ton; \$15 min.	\$225.00 ea. 23.5 x 25 rim size or larger	N/A	N/A	\$406.50 ea. Larger than 23.5 x 25
Bulk Tires	\$137.50/ton	\$210.93/ton	\$200.00/ton	\$125.00/ton	\$140.00/ton	\$180/ ton	\$200.00/ton \$40.00 min.	\$225.00/ ton	\$185.00/ton	N/A	N/A
Altered Tires	\$31.10/ton Charged at Hard to Handle rate	\$37.25/ton if < 2" pieces otherwise \$210.93/ton	N/A	\$75/ton cut into quarters or eighths	N/A	N/A	\$200.00/ton \$40.00 min.	N/A	N/A	\$187.00/ ton \$127.00 Min	N/A

Attachment B

COUNTY COST TO DISPOSE OF TIRES

*Third party cost to pick up trailer load of tires (11.15 tons of tires)	\$ 2,270.87
** Cost of County Equipment to load trailer	\$ 51.75
***County Labor Cost to load trailer	\$ 29.27
Total cost per trailer load	\$ 2,351.89

Cost to dispose of one ton of tires: $\$2,351.89 / 11.15 = \210.93 per ton

Bulk Tires Rate: \$210.93 per ton

Deliveries in excess of nine (9) tires, tires weighing in excess of 120 pounds or tires that are altered, but do not meet the definition of shredded tires shall be charged the Bulk Tire Rate.

Passenger Car Tire Rate: \$2.11 ea.

The average passenger car tire weighs approximately 20 pounds (1% of 1 ton). One percent of the Bulk Tire Rate is \$2.11 ($0.01 \times \$210.93 = \2.11).

Truck Tire Rate: \$8.44 ea.

The average truck tire weighs approximately 80 pounds (4% of 1 ton). Four percent of the Bulk Tire Rate is \$8.44 ($0.04 \times \$210.93 = \8.44).

Tractor Tire Rate: \$12.66 ea.

The average tractor tire weighs approximately 120 pounds (6% of 1 ton). Six percent of the Bulk Tire Rate is \$12.66 ($0.06 \times \$210.93 = \12.66).

*West Coast Rubber Recycling arrives at American Avenue Disposal Site (AADS) with a trailer that is loaded by County staff at the cost of \$2,270.87 per trailer load.

** Analysis conducted at AADS and detailed in an Inter Office Memo dated December 13, 2016 determined that it takes County staff .50 hours to load tires using a wheel loader with an estimated owning and operating cost of \$103.49 per hour, as determined by the most recent Comprehensive Operational Review (CORE) performed by Blue Ridge Services.

*** Analysis conducted at AADS and detailed in an Inter Office Memo dated December 13, 2016 determined that cost of loading one trailer of tires consists of .13 hours of Scale House Attendant labor at the average rate of pay of \$30.87 per hour and .50 hours of Equipment Operator labor at the average rate of pay of \$50.51 per hour.

Attachment B

TIRE RATES BASED ON AIRSPACE VALUE

	Density (ton/cubic yard)	Disposal (\$/ton)	Airspace Value (\$/cubic yard)
General Refuse	0.6	\$ 24.84	\$ 14.90
Shredded Tires	0.4	\$ 37.25	\$ 14.90
Rubber Tracks	0.33	\$ 45.15	\$ 14.90

General Refuse

Airspace Value for General Refuse is:

$$0.6 \times \$24.84 = \$14.90$$

Shredded Tires Rate (not larger than 2" pieces)

The proposed rate of \$37.25 per ton for tires that are shredded into pieces that are not larger than two inches was derived based on their airspace value relative to that of General Refuse, as shown in the table above:

$$0.4 \times "N" = \$14.90$$

$$0.4/0.4 \times "N" = \$14.90/0.4$$

$$"N" = \$37.25$$

Rubber Tracks (cut into sections not longer than 4')

The proposed rate of \$45.15 per ton for rubber tracks that are cut into sections that are not longer than four feet was derived based on their airspace value relative to that of General Refuse, as shown in the table above.

$$0.33 \times "N" = \$14.90$$

$$0.33/0.33 \times "N" = \$14.90/0.33$$

$$"N" = \$45.15$$

Attachment C

SECTION 2800 – SOLID WASTE

FEE DESCRIPTION	PROPOSED FEE	CURRENT FEE	INC/(DEC)	% CHANGE
2801. American Avenue Disposal Site				
b. Hard-to-Handle	\$32.66 per ton	\$31.10 per ton	\$1.56	5%
c. Minimum Load Fee (640 lbs. or less)	\$7.95 per load	\$6.85 per load	\$1.10	16%
d. Tires				
1) Passenger Car	\$2.11 each	\$1.50 each	\$.61	41%
2) Truck	\$8.44 each	\$5.85 each	\$2.59	44%
3) Tractor	\$12.66 each	\$7.50 each	\$5.16	69%
4) Bulk	\$210.93 per ton	\$137.50 per ton	\$73.43	53%
5) Shredded Tires < 2"	\$37.25 per ton	NA	NA	NA
6) Rubber Tracks	\$45.15 per ton	NA	NA	NA