



# Ada County Landfill

## Rate Structure Adjustment

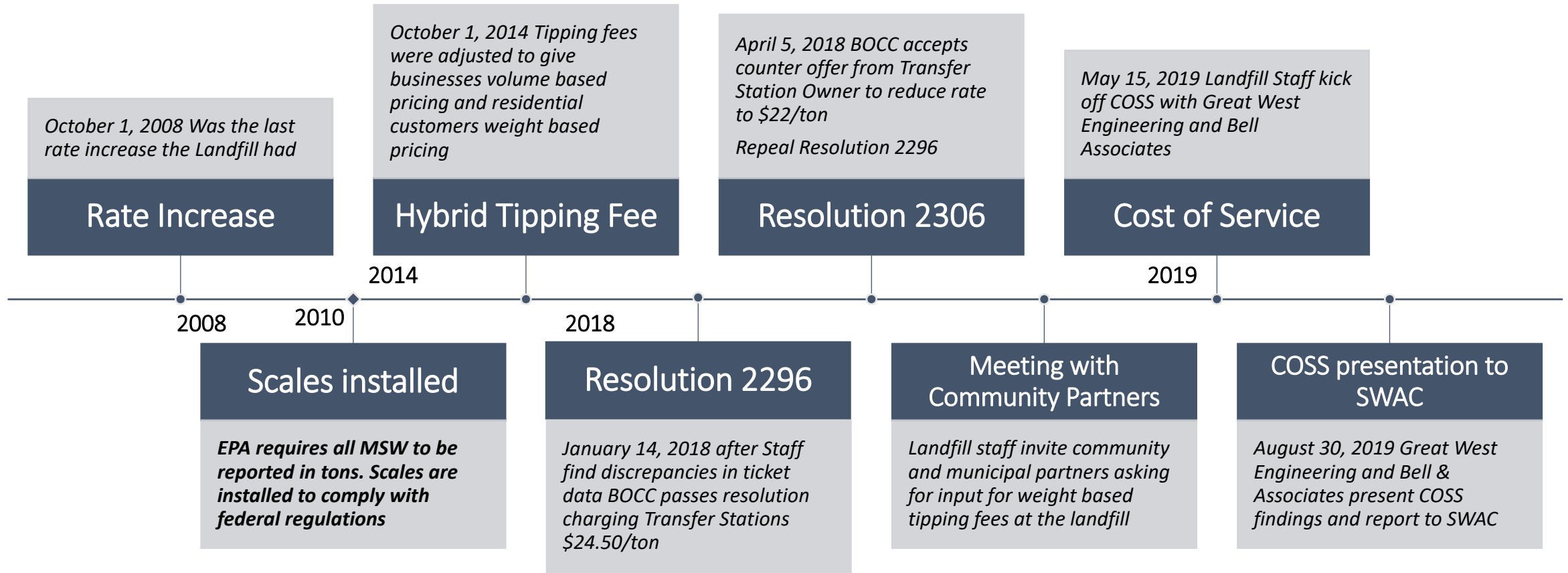
Public Hearing

January 22, 2020

# A brief overview

- The Ada County Landfill is a self-sustaining department, operating through an Enterprise Fund. The Department does not get any tax support.
- The discussion for the rates has been a two year process and has been vetted through the Ada County Solid Waste Advisory Committee.
- The primary objective is to gain public feedback on the change to the rate structure.

# History of Rates



# Current Tipping Fees

## HYBRID TIPPING FEE SCHEDULE

### CASH CUSTOMERS WITH MATERIAL FROM THEIR PERSONAL DWELLING

#### A. **WEIGHT** BASED TIPPING FEE SCHEDULE –

- |                        |  |
|------------------------|--|
| 1. General**           | \$33.00 per ton (\$11.00 Minimum up to 660 pounds)           |
| 2. Wood                | \$22.00 per ton (\$11.00 Minimum up to 1000 pounds)          |
| 3. Asbestos            | \$50.00 per Cubic Yard ( \$50.00 Minimum up to 1 Cubic Yard) |
| 4. Refrigeration Units | \$22.00 each(~2 per household)                               |
| 5. Tires               | \$ 3.50 each (up to 18" rims)(Maximum~4 per household)       |

### COMMERCIAL CUSTOMERS

#### B. **VOLUME** BASED TIPPING FEE SCHEDULE –

- |                        |  |
|------------------------|--|
| 1. Non-Compact Waste   | \$ 5.50 per Cubic Yard (Minimum \$11.00 up to 2 Cubic Yards) |
| 2. Compact Waste       | \$11.00 per Cubic Yard (Minimum \$11.00 up to 1 Cubic Yard)  |
| 3. C&D Waste           | \$11.00 per Cubic Yard (Minimum \$11.00 up to 1 Cubic Yard)  |
| 4. Minimum / Wood      | \$ 2.75 per Cubic Yard (Minimum \$11.00 up to 4 Cubic Yards) |
| 5. Refrigeration Units | \$22.00 each (~2 per household)                              |
| 6. Minimum / Asbestos  | \$50.00 (up to 1Cubic Yard)                                  |
| 7. Asbestos            | \$50.00 per Cubic Yard                                       |
| 8. Tires               | \$ 3.50 each (up to 18" rims)(Maximum~4 per household)       |

# How are loads Measured?



VS.



# Commercial Loads

Length X Width X Height

27



Quantity For  
Construction / Demolition

+10

+

-10

-

Ok

Cancel

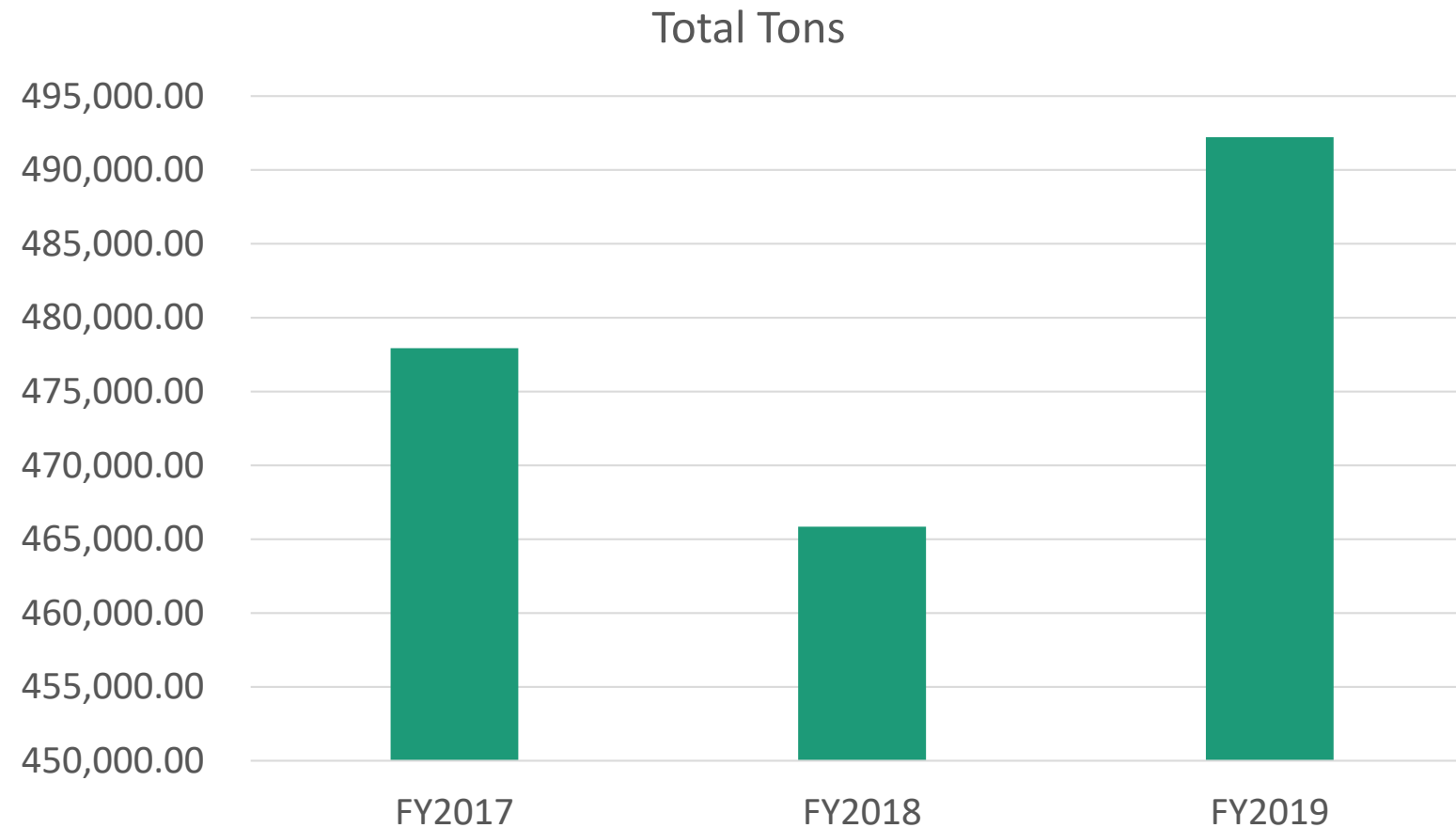


# Residential Loads

- All Loads are weighed in, and out
- The Charge is the difference in weight
- Scales are calibrated quarterly



# How much waste do we take?





# Challenges:

## Is this from your Home or Business?

COMMERCIAL CUSTOMER ?

Yes

No

WHICH IS CHEAPER?

# A problem with equality



One Yard of Concrete  
Commercial Customer = \$11

Residential Customer = +/- \$100

Transfer Station Waste \$22/ton

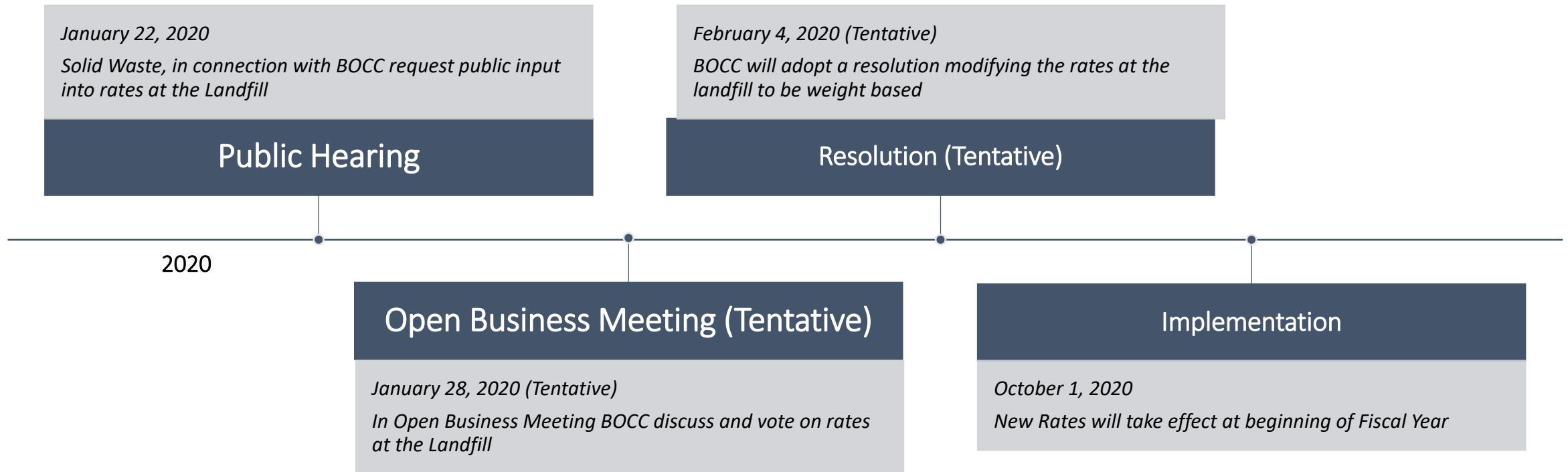
# Cost of Service Study



- Initiated in May 2019
- Request for Proposals won by Great West Engineering, in collaboration with Bell And Associates
- Analyzed Revenue, and Expenses
- Provided a what-if scenario spreadsheet to work through rates for the next ten years, until 2029
- Spreadsheet used to determine proposed rates

# Next Steps

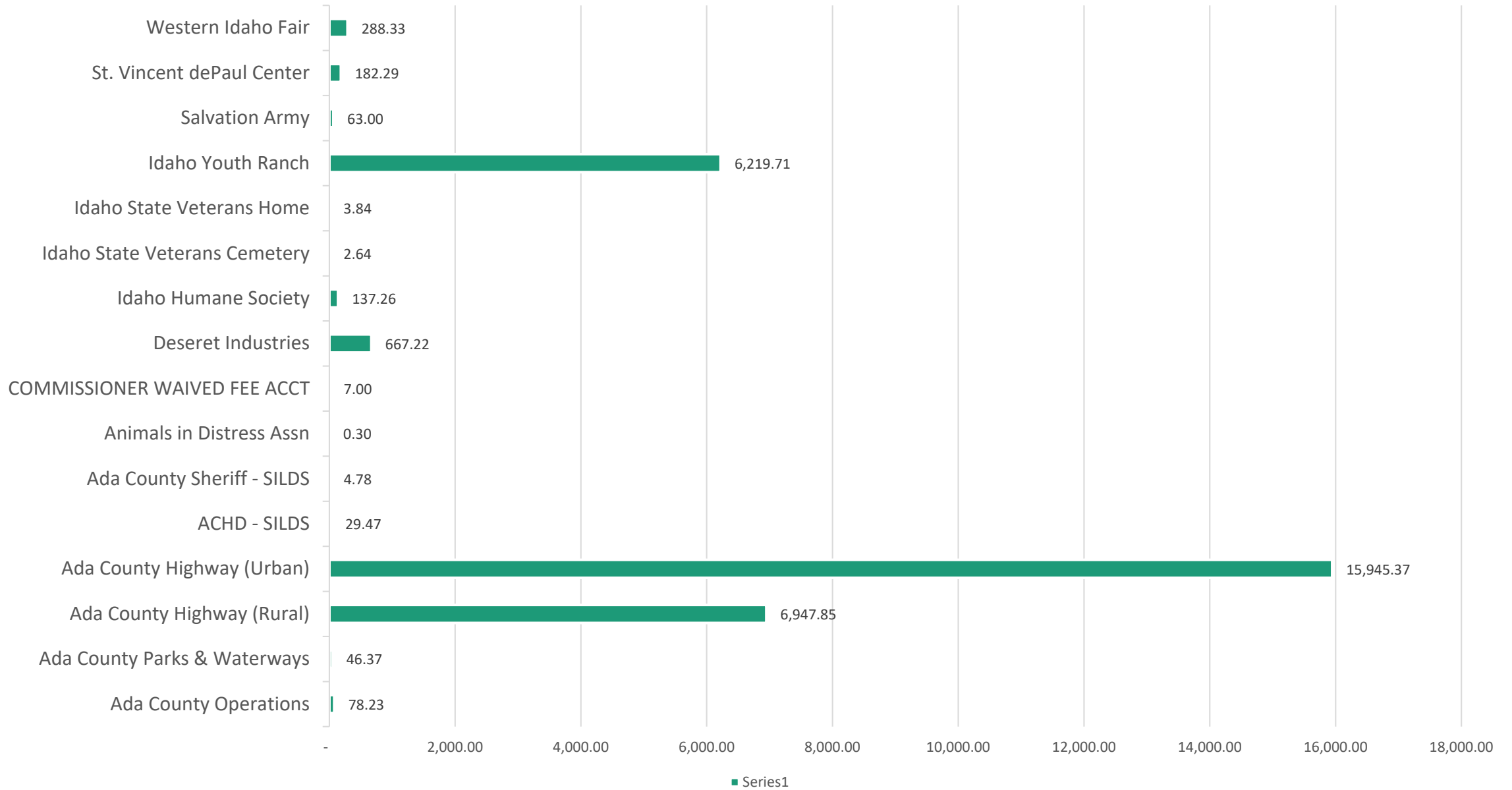
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# Recommendations

- Define a weight based rate
- Covered Load Fee
- Required onsite diversion
- Phase out free and discounted services and accounts
  - With the exception of Leaves, Christmas Trees and Household Hazardous Waste
- Free accounts brought 30,623.66 tons in Fiscal Year 2019
  - Some are 100% discounted
  - Some are 50% discounted





# Fee Recommendations



# The Cost of Doing Business

Across the board

Variable Rate Scenarios	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Capital / Closure	\$ 5.30	\$ 5.30	\$ 5.30	\$ 5.30	\$ 6.80	\$ 6.80	\$ 6.80	\$ 6.80	\$ 6.80	
Operational Cost	\$ 23.34	\$ 23.44	\$ 23.54	\$ 23.64	\$ 23.42	\$ 23.48	\$ 23.53	\$ 23.58	\$ 23.67	
Total Disposal Fee	\$ 28.64	\$ 28.74	\$ 28.84	\$ 28.94	\$ 30.22	\$ 30.28	\$ 30.33	\$ 30.38	\$ 30.47	
Collection Disposal Fee	\$ 29.00	\$ 29.00	\$ 29.00	\$ 29.00	\$ 30.22	\$ 30.28	\$ 30.33	\$ 30.38	\$ 30.47	
Transfer Disposal Fee	\$ 29.00	\$ 29.00	\$ 29.00	\$ 29.00	\$ 30.22	\$ 30.28	\$ 30.33	\$ 30.38	\$ 30.47	
Sludge Fee	\$ 29.00	\$ 29.00	\$ 29.00	\$ 29.00	\$ 30.22	\$ 30.28	\$ 30.33	\$ 30.38	\$ 30.47	
Revenue ▲	\$ 122,529	\$ 89,839	\$ 56,629	\$ 22,850	\$ -	\$ -	\$ -	\$ -	\$ -	
Cash / Self-haul	\$ 29.00	\$ 29.00	\$ 29.00	\$ 29.00	\$ 30.22	\$ 30.28	\$ 30.33	\$ 30.38	\$ 30.47	
\$ ▲	\$ 0.36	\$ 0.26	\$ 0.16	\$ 0.06	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Revenue Tons	442,545	452,775	463,244	473,955	484,916	496,132	507,608	519,351	531,367	
Revenue (Tons x Tip Fee)	\$12,675,040	\$13,014,118	\$13,360,738	\$13,715,128	\$14,654,669	\$15,021,748	\$15,396,884	\$15,780,319	\$16,190,528	

# Financial Incentive for Diversion

## Wood Product Recycling

Variable Rate Scenarios		2021	2022	2023	2024	2025	2026	2027	2028	2029
Capital / Closure		\$ 5.30	\$ 5.30	\$ 5.30	\$ 5.30	\$ 6.80	\$ 6.80	\$ 6.80	\$ 6.80	\$ 6.80
Operational Cost		\$ 23.31	\$ 23.41	\$ 23.51	\$ 23.60	\$ 23.70	\$ 23.79	\$ 23.88	\$ 23.96	\$ 24.05
Total Disposal Fee		\$ 28.61	\$ 28.71	\$ 28.81	\$ 28.90	\$ 30.50	\$ 30.59	\$ 30.68	\$ 30.76	\$ 30.85
Collection Disposal Fee		\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00
Transfer Disposal Fee		\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00
Sludge Fee		\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00	\$ 33.00
Revenue ▲		\$ 1,500,544	\$ 1,500,097	\$ 1,499,891	\$ 1,499,891	\$ 938,044	\$ 925,183	\$ 912,104	\$ 898,755	\$ 885,076
Cash / Self-haul		\$ 29.00	\$ 29.00	\$ 29.00	\$ 29.00	\$ 21.99	\$ 22.38	\$ 22.76	\$ 23.13	\$ 23.49
\$ ▲		\$ 0.39	\$ 0.29	\$ 0.19	\$ 0.10	\$ (8.51)	\$ (8.21)	\$ (7.92)	\$ (7.63)	\$ (7.36)
Total Revenue Tons		442,545	452,775	463,244	473,955	484,916	496,132	507,608	519,351	531,367
Revenue (Tons x Tip Fee)		\$12,659,748	\$12,998,487	\$13,344,762	\$13,698,798	\$14,788,204	\$15,175,300	\$15,571,274	\$15,976,396	\$16,390,946

# Fee Recommendations

There are two recommendations Staff would endorse to the Board of County Commissioners

## The Cost of Doing Business

\$29/ Ton for everything  
Increase minimum to \$15  
Will cover up to 1,035 pounds

## Financial Encouragement for Diversion

\$33/ton for MSW and C&D  
\$30/ton for Wood Recycling  
Reduce minimum to \$10  
Will cover up to 600 pounds

## Special Items

Refrigerators \$22 Each

Tires \$3.50 Each

Asbestos will be charged the per ton rate with an asbestos disposal charge of \$50 per load

# Thank you

Kurt Hunt  
Deputy Director  
Ada County Solid Waste Management  
[khunt@adacounty.id.gov](mailto:khunt@adacounty.id.gov)



Instagram



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