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

October 1, 2008 Was the last rate increase the Landfill had

Rate Increase

October 1, 2014 Tipping fees were adjusted to give businesses volume based pricing and residential customers weight based pricing

Hybrid Tipping Fee

April 5, 2018 BOCC accepts counter offer from Transfer Station Owner to reduce rate to $22/ton

Resolution 2306

Resolution 2296

May 15, 2019 Landfill Staff kick off COSS with Great West Engineering and Bell Associates

Cost of Service

Scales installed

EPA requires all MSW to be reported in tons. Scales are installed to comply with federal regulations

Resolution 2296

January 14, 2018 after Staff find discrepancies in ticket data BOCC passes resolution charging Transfer Stations $24.50/ton

Meeting with Community Partners

Landfill staff invite community and municipal partners asking for input for weight based tipping fees at the landfill

COSS presentation to SWAC

August 30, 2019 Great West Engineering and Bell & Associates present COSS findings and report to SWAC
# HYBRID TIPPING FEE SCHEDULE

**CASH CUSTOMERS WITH MATERIAL FROM THEIR PERSONNAL 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)

## 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 1 Cubic 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
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?

<table>
<thead>
<tr>
<th></th>
<th>FY2017</th>
<th>FY2018</th>
<th>FY2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Tons</td>
<td>455,000.00</td>
<td>480,000.00</td>
<td>490,000.00</td>
</tr>
</tbody>
</table>
Challenges:
Is this from your Home or Business?

Commercial Customer?
Yes  No

Which is cheaper?
A problem with equality

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Yard of Concrete</td>
<td>Commercial Customer = $11</td>
</tr>
<tr>
<td></td>
<td>Residential Customer = +/- $100</td>
</tr>
<tr>
<td>Transfer Station Waste</td>
<td>$22/ton</td>
</tr>
</tbody>
</table>

![Image of concrete being dug up]
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

January 22, 2020
Solid Waste, in connection with BOCC request public input into rates at the Landfill

January 28, 2020 (Tentative)
In Open Business Meeting BOCC discuss and vote on rates at the Landfill

February 4, 2020 (Tentative)
BOCC will adopt a resolution modifying the rates at the landfill to be weight based

February 4, 2020 (Tentative)
BOCC will adopt a resolution modifying the rates at the landfill to be weight based

October 1, 2020
New Rates will take effect at beginning of Fiscal Year
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

<table>
<thead>
<tr>
<th>Variable Rate Scenarios</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
<th>2027</th>
<th>2028</th>
<th>2029</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital / Closure</td>
<td>$5.30</td>
<td>$5.30</td>
<td>$5.30</td>
<td>$5.30</td>
<td>$6.80</td>
<td>$6.80</td>
<td>$6.80</td>
<td>$6.80</td>
<td>$6.80</td>
</tr>
<tr>
<td>Operational Cost</td>
<td>$23.34</td>
<td>$23.44</td>
<td>$23.54</td>
<td>$23.64</td>
<td>$23.42</td>
<td>$23.48</td>
<td>$23.53</td>
<td>$23.58</td>
<td>$23.67</td>
</tr>
<tr>
<td>Total Disposal Fee</td>
<td>$28.64</td>
<td>$28.74</td>
<td>$28.84</td>
<td>$28.94</td>
<td>$30.22</td>
<td>$30.28</td>
<td>$30.33</td>
<td>$30.38</td>
<td>$30.47</td>
</tr>
<tr>
<td>Collection Disposal Fee</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$30.22</td>
<td>$30.28</td>
<td>$30.33</td>
<td>$30.38</td>
<td>$30.47</td>
</tr>
<tr>
<td>Transfer Disposal Fee</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$30.22</td>
<td>$30.28</td>
<td>$30.33</td>
<td>$30.38</td>
<td>$30.47</td>
</tr>
<tr>
<td>Sludge Fee</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$30.22</td>
<td>$30.28</td>
<td>$30.33</td>
<td>$30.38</td>
<td>$30.47</td>
</tr>
<tr>
<td>Revenue ▲</td>
<td>$122,529</td>
<td>$89,839</td>
<td>$56,029</td>
<td>$22,850</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Cash / Self-haul</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$29.00</td>
<td>$30.22</td>
<td>$30.28</td>
<td>$30.33</td>
<td>$30.38</td>
<td>$30.47</td>
</tr>
<tr>
<td>$ ▲</td>
<td>$0.36</td>
<td>$0.26</td>
<td>$0.16</td>
<td>$0.06</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
</tbody>
</table>

| Total Revenue Tons             | 442,545| 452,775| 463,244| 473,955| 484,916| 496,132| 507,608| 519,351| 531,387|
| 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

<table>
<thead>
<tr>
<th>Variable Rate Scenarios</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
<th>2027</th>
<th>2028</th>
<th>2029</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital / Closure</td>
<td>$ 5.30</td>
<td>$ 5.30</td>
<td>$ 5.30</td>
<td>$ 5.30</td>
<td>$ 6.80</td>
<td>$ 6.80</td>
<td>$ 6.80</td>
<td>$ 6.80</td>
<td>$ 6.80</td>
</tr>
<tr>
<td>Operational Cost</td>
<td>$ 23.31</td>
<td>$ 23.41</td>
<td>$ 23.51</td>
<td>$ 23.60</td>
<td>$ 23.70</td>
<td>$ 23.79</td>
<td>$ 23.88</td>
<td>$ 23.96</td>
<td>$ 24.05</td>
</tr>
<tr>
<td>Total Disposal Fee</td>
<td>$ 28.61</td>
<td>$ 28.71</td>
<td>$ 28.81</td>
<td>$ 28.90</td>
<td>$ 30.50</td>
<td>$ 30.59</td>
<td>$ 30.68</td>
<td>$ 30.76</td>
<td>$ 30.85</td>
</tr>
<tr>
<td>Collection Disposal Fee</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
</tr>
<tr>
<td>Transfer Disposal Fee</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
</tr>
<tr>
<td>Sludge Fee</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
<td>$ 33.00</td>
</tr>
<tr>
<td>Revenue ▲</td>
<td>$ 1,500,544</td>
<td>$ 1,500,097</td>
<td>$ 1,498,891</td>
<td>$ 1,499,891</td>
<td>$ 938,044</td>
<td>$ 925,183</td>
<td>$ 912,104</td>
<td>$ 898,755</td>
<td>$ 885,076</td>
</tr>
<tr>
<td>Cash / Self-haul</td>
<td>$ 29.00</td>
<td>$ 29.00</td>
<td>$ 29.00</td>
<td>$ 29.00</td>
<td>$ 21.99</td>
<td>$ 22.38</td>
<td>$ 22.76</td>
<td>$ 23.13</td>
<td>$ 23.49</td>
</tr>
<tr>
<td>$ ▲</td>
<td>$ 0.39</td>
<td>$ 0.29</td>
<td>$ 0.19</td>
<td>$ 0.10</td>
<td>(8.51)</td>
<td>(8.21)</td>
<td>(7.92)</td>
<td>(7.63)</td>
<td>(7.36)</td>
</tr>
<tr>
<td>Total Revenue Tons</td>
<td>442,545</td>
<td>452,775</td>
<td>463,244</td>
<td>473,955</td>
<td>484,916</td>
<td>496,132</td>
<td>507,608</td>
<td>519,351</td>
<td>531,367</td>
</tr>
<tr>
<td>Revenue (Tons x Tip Fee)</td>
<td>$12,659,748</td>
<td>$12,998,487</td>
<td>$13,344,762</td>
<td>$13,698,798</td>
<td>$14,788,204</td>
<td>$15,175,300</td>
<td>$15,571,274</td>
<td>$15,976,396</td>
<td>$16,390,946</td>
</tr>
</tbody>
</table>
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