

To the Mayor and Members of the City Council

August 25, 2022

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**SUBJECT: ANALYSIS OF SOUTHEAST LANDFILL USAGE**

The purpose of this budget response is to provide analysis on usage of the Southeast landfill.

Over the last 11 years, the tonnage of waste delivered to the Southeast landfill has shifted from largely residential to predominantly commercial. In FY 2009, city residential tonnage was 68% of the total intake volume, and commercial tonnage was 32%. In FY2021, city residential tonnage decreased to 32% of the total intake volume, and commercial tonnage increased to 68%. During this period, city residential tonnage increased by 77% but was outpaced by the growth of commercial tonnage, which increased by 694%.

Breakdown

- 32% city residential tonnage. This is defined as all waste that is collected at the residential curb as part of the current Waste Management residential contract
- 68% commercial tonnage. This is defined as all waste that is not collected at the residential curb. This includes, but is not limited to:
 - Downtown FW businesses, malls, apartment complexes
 - Businesses inside and outside of FW City limits
 - Estimated that 38% is coming from outside of CFW City limits (*this is 38% of the 68% commercial tonnage. It represents 25.84% of the total tonnage coming to the Southeast landfill.*)
 - The 38% is made up of Construction & Debris materials (C&D), small haulers, residential waste from Mansfield, Benbrook and Edgecliff Village, etc.

Key Landfill Data Points:

- **2009 Landfill Life:** 50-60 years
- **Current Landfill Life:** projected to be fewer than 15 years
- **Lawsuit Settlement with Republic:** A lawsuit settlement in 2010 resulted in a contractual adjustment and more commercial waste started to flow into the landfill

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Annual Tonnage Delivered to Southeast Landfill:

Fiscal Year	City Tons	Non-City Tons	Total Tons	City %	Non-City %
2009	169,150	78,616	247,766	68.27%	31.73%
2010	182,754	235,190	417,944	43.73%	56.27%
2011	180,065	352,806	532,871	33.79%	66.21%
2012	181,877	438,687	620,564	29.31%	70.69%
2013	183,633	441,256	624,890	29.39%	70.61%
2014	212,924	461,415	674,339	31.58%	68.42%
2015	285,865	610,642	896,507	31.89%	68.11%
2016	266,019	564,431	830,450	32.03%	67.97%
2017	258,364	581,198	839,562	30.77%	69.23%
2018	289,393	635,970	925,363	31.27%	68.73%
2019	266,075	648,563	914,638	29.09%	70.91%
2020	294,878	638,731	933,609	31.58%	68.42%
2021	300,625	624,962	925,587	32.48%	67.52%
2022 (Oct-June)	205,258	496,793	702,051	29.24%	70.76%

Maximizing landfill life is a core City objective. Towards this end, staff have been working with the North Central Texas Council of Governments, a solid waste consultant, the landfill operator, and other industry leaders on both extending the life of the landfill and preparing for life after it reaches capacity.

City Council will be receiving an additional update on the progress of this work in September.

If you have questions concerning this information, please contact Brandon Bennett, Director of Code Compliance, at 817-392-6322.

David Cooke
City Manager