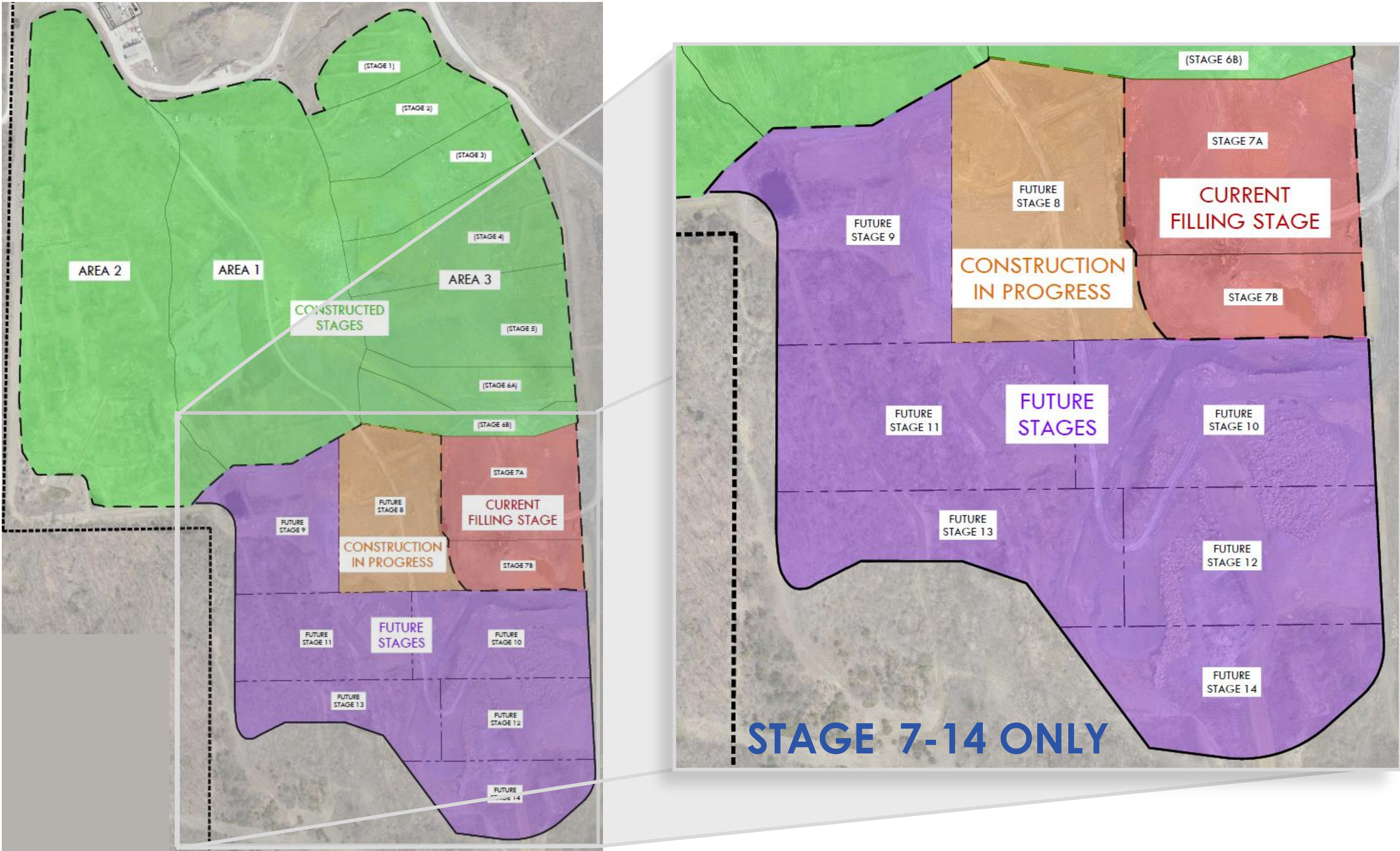


St. Joseph Sanitary Landfill Life Expectancy and Disposal Fees

Purpose of Raising Landfill Fee's

- Increase Account Balance of the City to cover future costs to close and maintain the Landfill
- Become competitively priced to the regional market. Eliminate the current financial benefits companies are reaping by disposing of waste at the Landfill and Transfer Stations that dispose of at the St. Joseph Landfill.
- Extend the overall life of the Landfill so that the benefits to the Citizens of St. Joseph will be around for longer.
- Decrease the amount of waste being disposed of at the Landfill to prevent Stages 7A and 7B from running out of airspace in July 2025.
 - Increased rates will discourage Transfer Stations from coming to St. Joseph and instead will go to a cheaper Landfill.

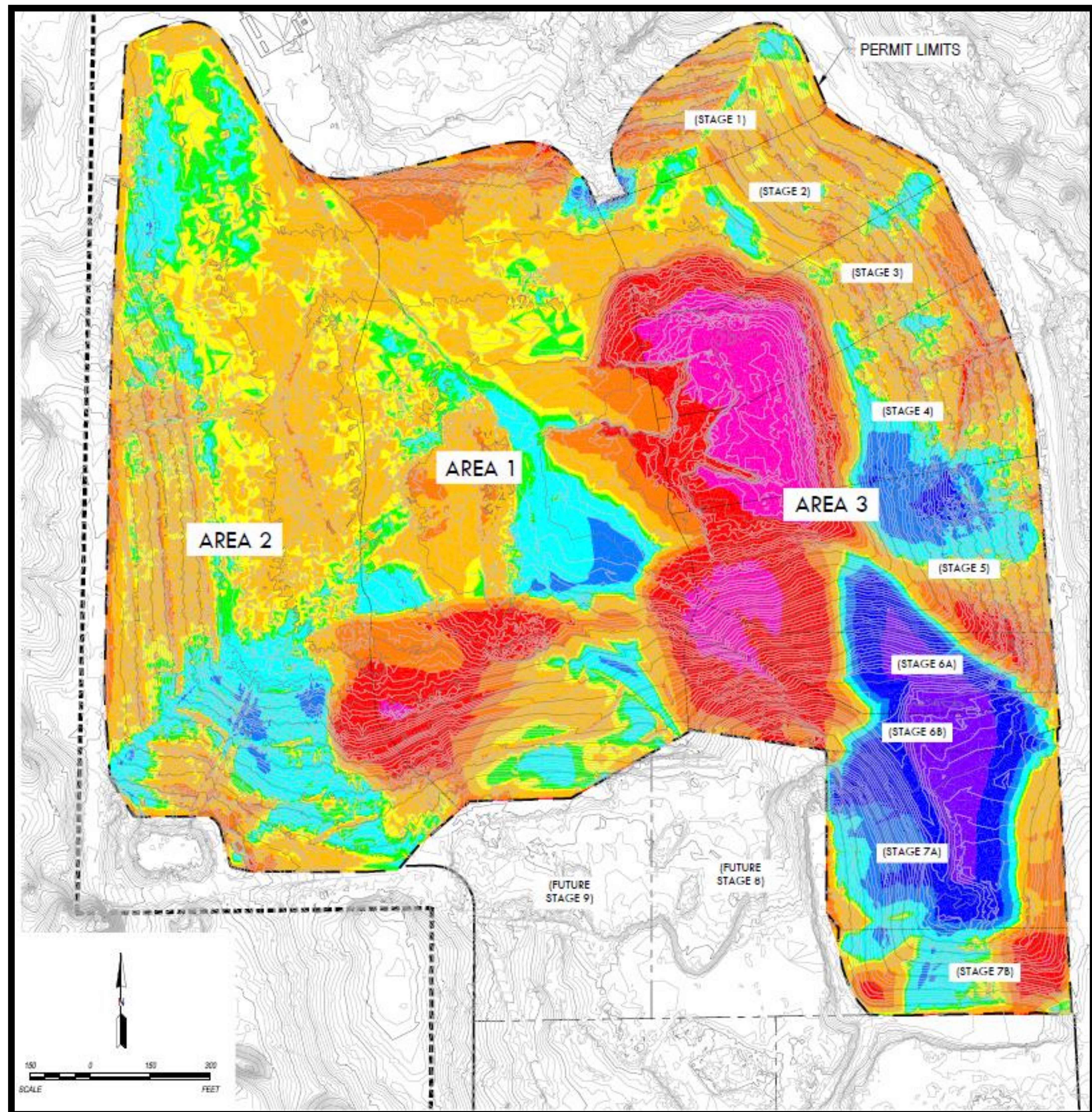
Waste Tonnage Acceptance Rates



Overview

Landfill Space Remaining

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-45.00	-25.00	Magenta
2	-25.00	-10.00	Red
3	-10.00	-5.00	Orange
4	-5.00	-1.00	Yellow-Orange
5	-1.00	0.00	Yellow
6	0.00	1.00	Green
7	1.00	5.00	Cyan
8	5.00	10.00	Blue
9	10.00	25.00	Dark Blue
10	25.00	55.00	Purple

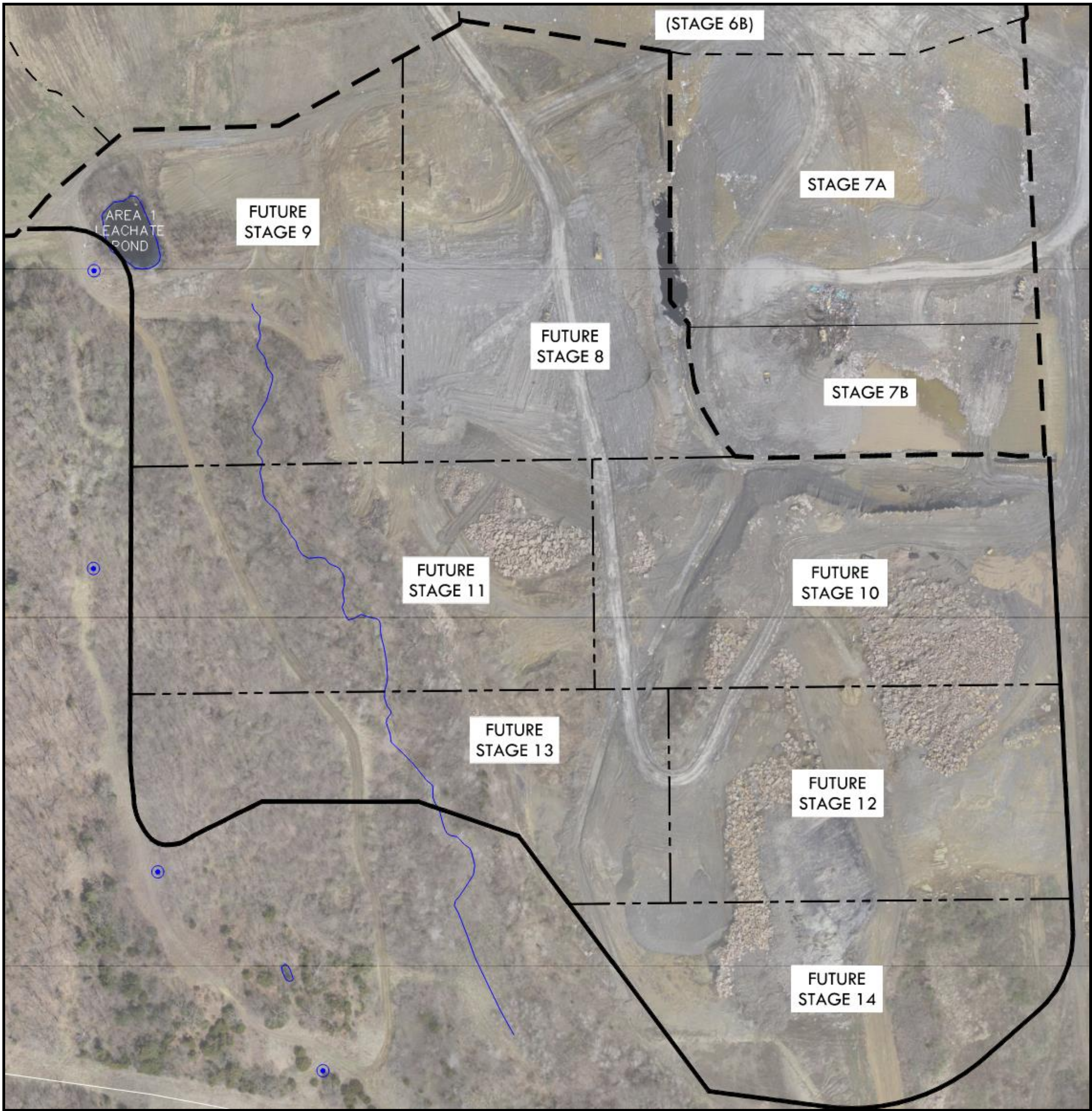


Landfill Life Expectancy

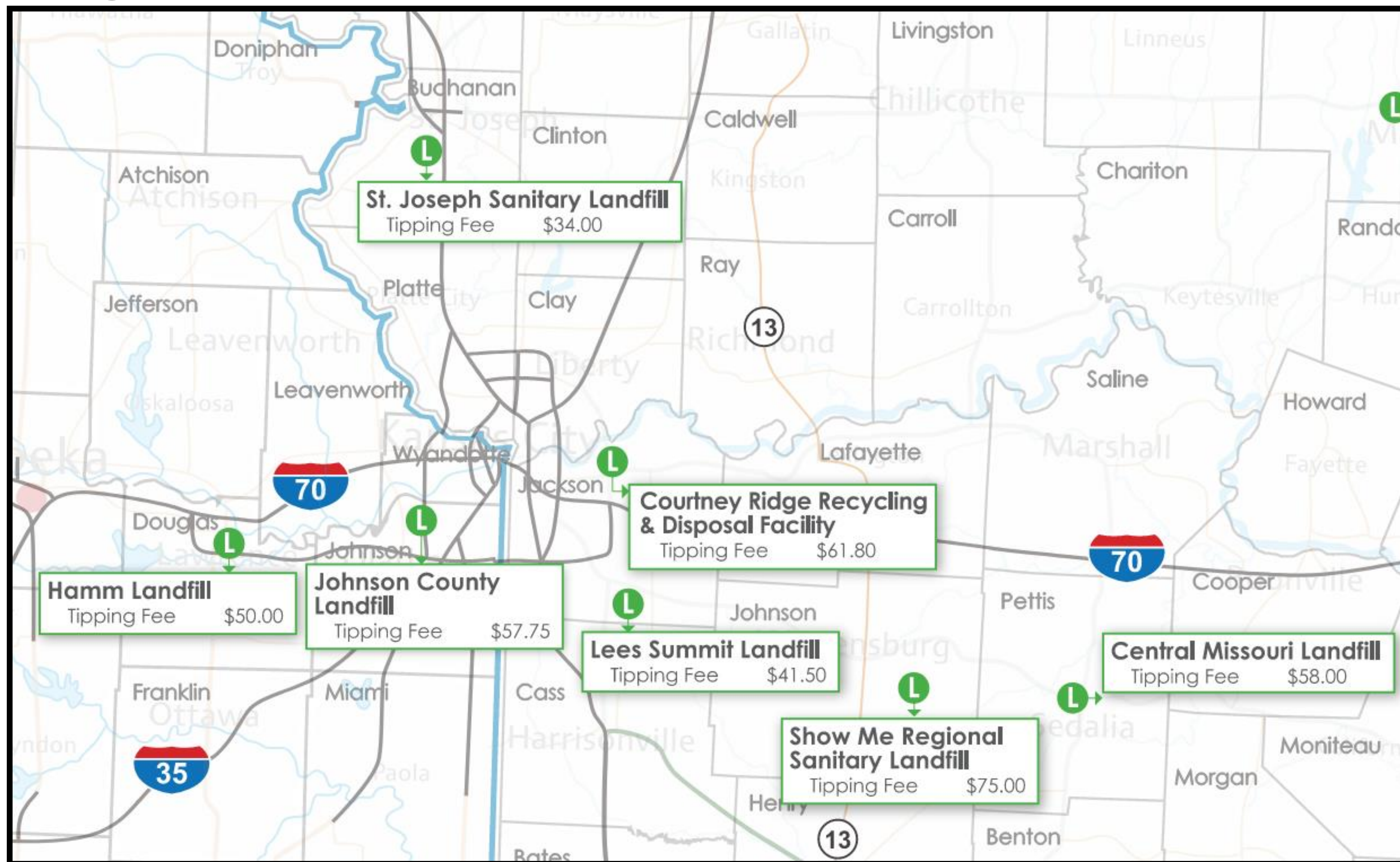
(at current Tonnage Rates)

Landfill Cell	Airspace Available/Gained	Projected Filled/End Date
Stage 7	261,498 CY	2025 (July)
Stage 8	1,669,676 CY	2029 (March)
Stage 9	1,764,389 CY	2034 (April)
Stage 10	713,358 CY	2036 (April)
Stage 11	1,802,787 CY	2041 (June)
Stage 12	512,358 CY	2042 (November)
Stage 13	1,086,396 CY	2045 (December)
Stage 14	515,945 CY	2047 (May)

*Assuming 215,000 tons/year and
a density of 0.625 tons/CY



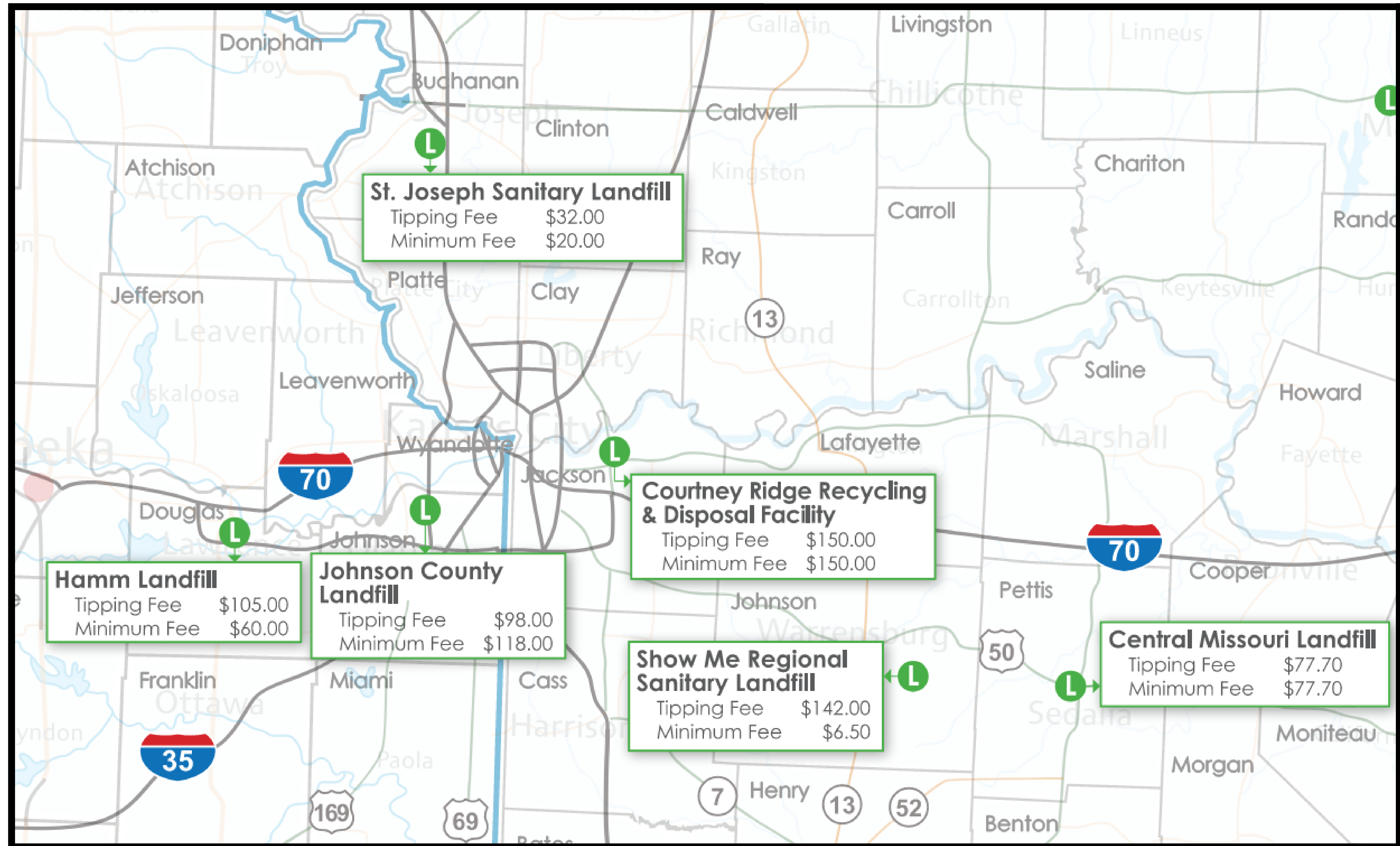
Regional Disposal Fees (2017)



Regional Disposal Fees (2024)

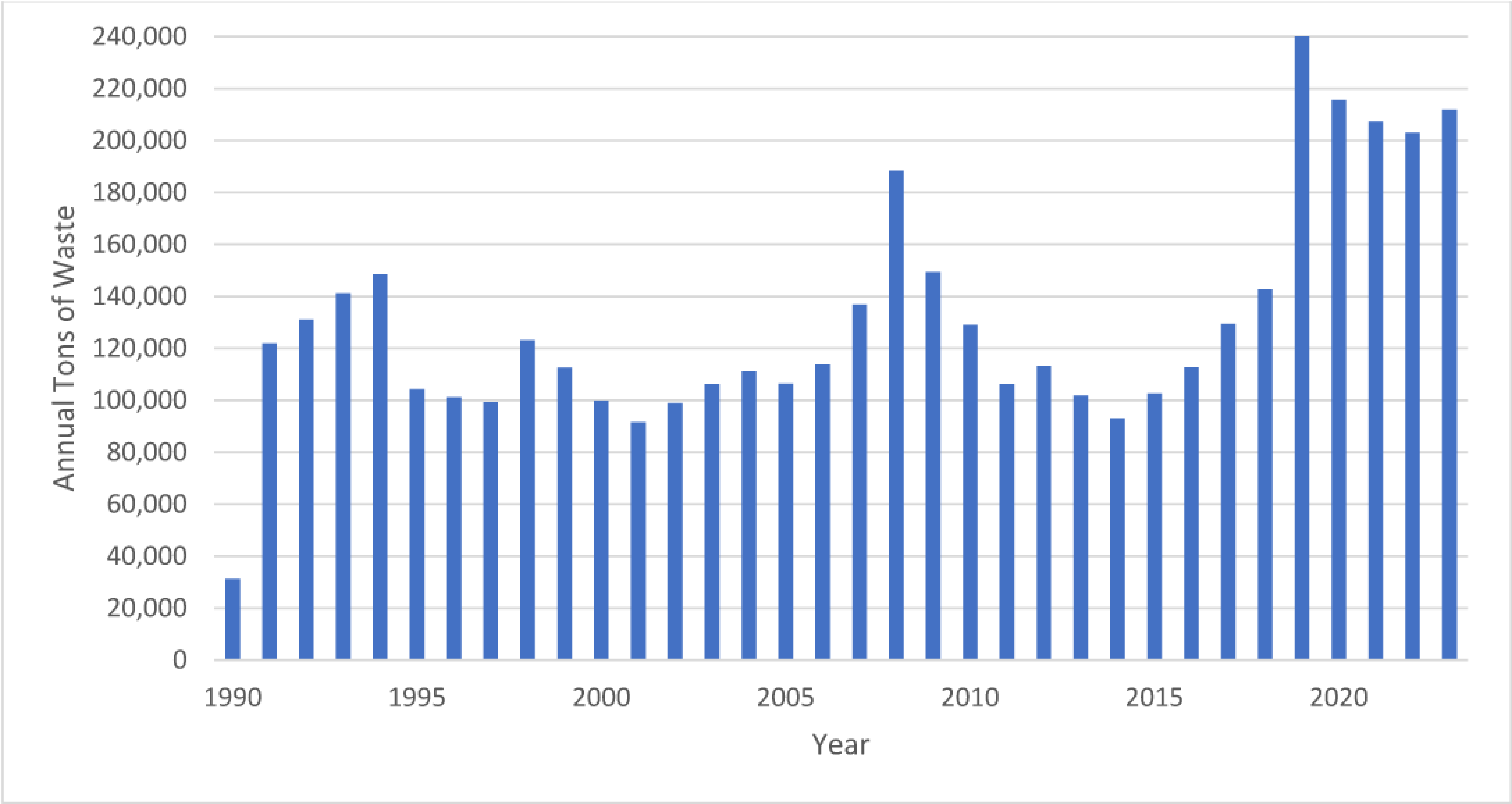
Increased Fee Rates (2017 vs 2024)

- Lee's Summitt (\$41 to Closed)
- Hamm (\$50 to \$105)
- Johnson County (\$57.50 to \$98)
- Courtney Ridge (\$61.80 to \$150)
- Central Missouri (\$58 to \$77.70)
- Show Me Regional (\$75 to \$142)



Waste Tonnage Acceptance Rates

Exhibit 1. St. Joseph Sanitary Landfill Annual Tonnage Accepted

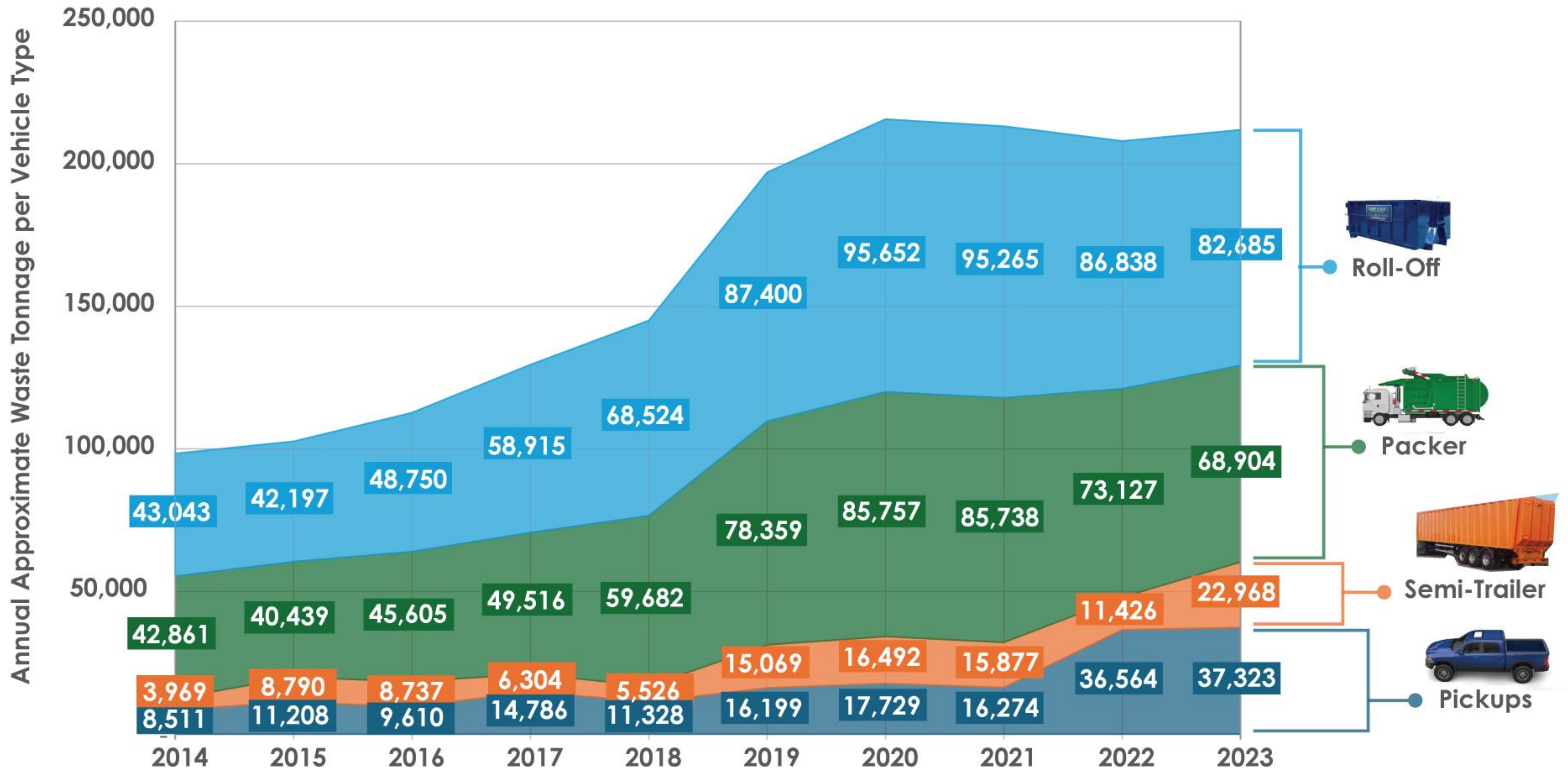


Current Situation

- Landfill receiving more waste than anticipated
- Tonnages nearly doubled in the past 5 years compared to the previous 20 years

St. Joseph Landfill Vehicle Data

St. Joseph Sanitary Landfill - Annual Approximate Tonnage per Vehicle Type



Semi-Trailer being loaded
at Transfer Station



Semi-Trailer being loaded
at Transfer Station



Packer Truck Unloading
at the Transfer Station



What is a Transfer Station?

- Local Packer Truck or Pickup can unload waste for a fee. The fee is to cover the expense of operating the Transfer Station, Hauling Waste, and Disposal at a Landfill.
- The transfer station then pushes waste into Semi-Trailer or Roll-Off. These containers are then driven to a Landfill for final disposal. (After the Landfill charges a fee to the Transfer Station)
- No waste is allowed to stay at the Transfer Station



Front of Transfer Station

- (2) Bays for Packers to Unload
- Lower Bay is Outbound to LF

Landfill Closure & Post-Closure Costs

Project	Total Cost (2004 Dollars)	Implicit Price Deflator			FAI Obligation (2023 Dollars)
		2004 (Q3)	2023 (Q3)	% Change Multiplier	
Closure	\$6,589,035.60	79.324	122.817	1.5483	\$10,201,803.82
Post-Closure	\$5,342,984.70	79.324	122.817	1.5483	\$8,272,543.21
	\$11,932,020.30				\$18,474,347.03

City’s Account for Closure & Post Closure

Schedule 3 - Trial Balances as of Jun 30, 2024

	470 Landfill Fund	Closure/Post Closure Fund
Total Available Fund Balance	\$ 4,347,668	\$ 11,237,536

St. Joseph Sanitary Landfill

Proposed Rate Schedule

- **Tier 1** - Automobiles, (Cars, SUVs, with no open cargo) \$30 flat fee
- **Tier 2** - Private Pickups (includes w/trailer) \$50/ton
- **Tier 3** - Commercial Trash Haulers (Pickup Trucks, Packers) \$65/ton
- **Tier 4** - Roll-Off Containers, Dump Trucks, Semi-Trailers \$125/ton
- **Tier 5** - Large Transfer Haulers \$150/ton
- **Special Wastes** - as defined by Missouri DNR \$110.50/ton