

SOLID WASTE DEPARTMENT

Landfill and Transfer Station Update

Kody Petillo, Director

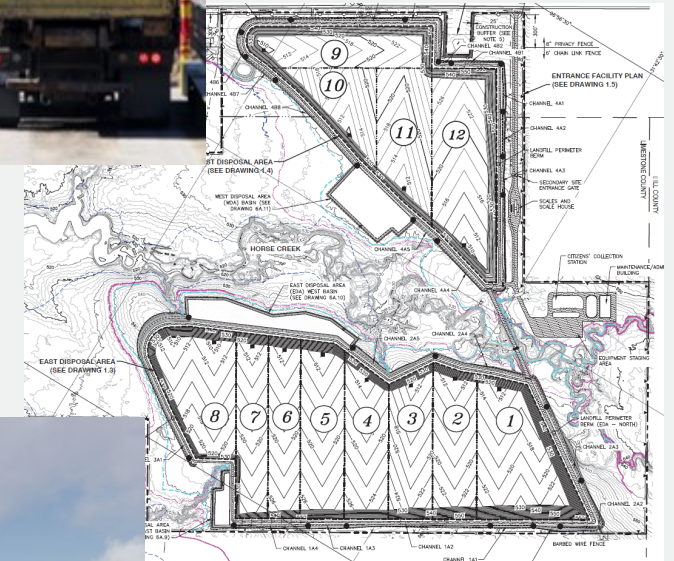
October 3, 2023



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Outline

- MSW 948A
 - Annual statistics
 - Airspace/fill date at MSW 948A
 - Landfill gas beneficial use and Solar Utility project
- MSW 2400
 - Permit and Settlements
 - Timeline for construction & opening of MSW 2400
- Transfer Station
 - Status of TCEQ permit
 - Timeline for construction & opening of Transfer Station

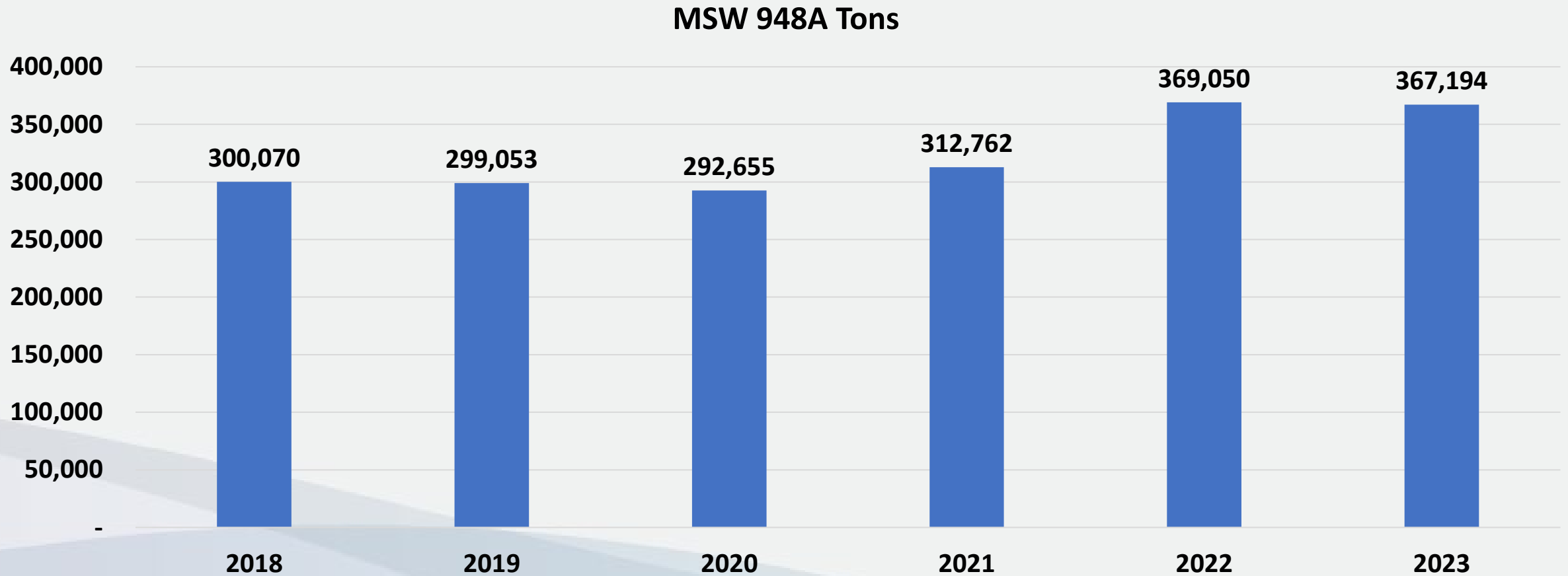


MSW 948A



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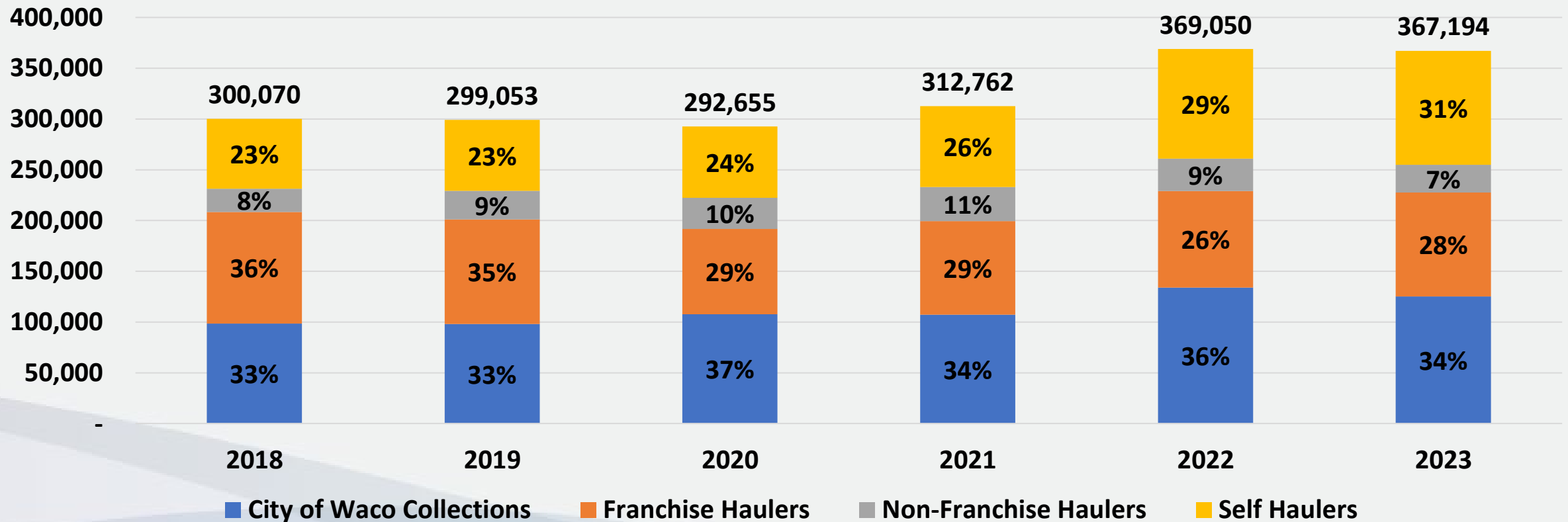
Usage of MSW 948A



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Usage of MSW 948A

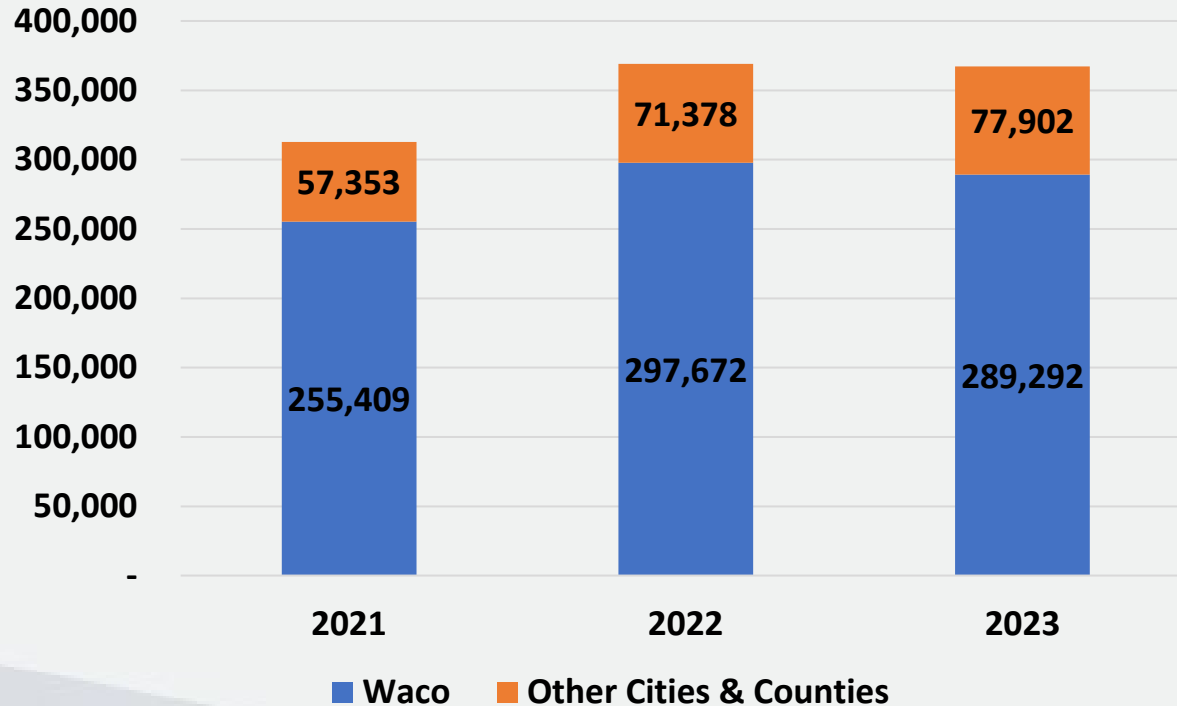
MSW 948A Tons by Hauler Type



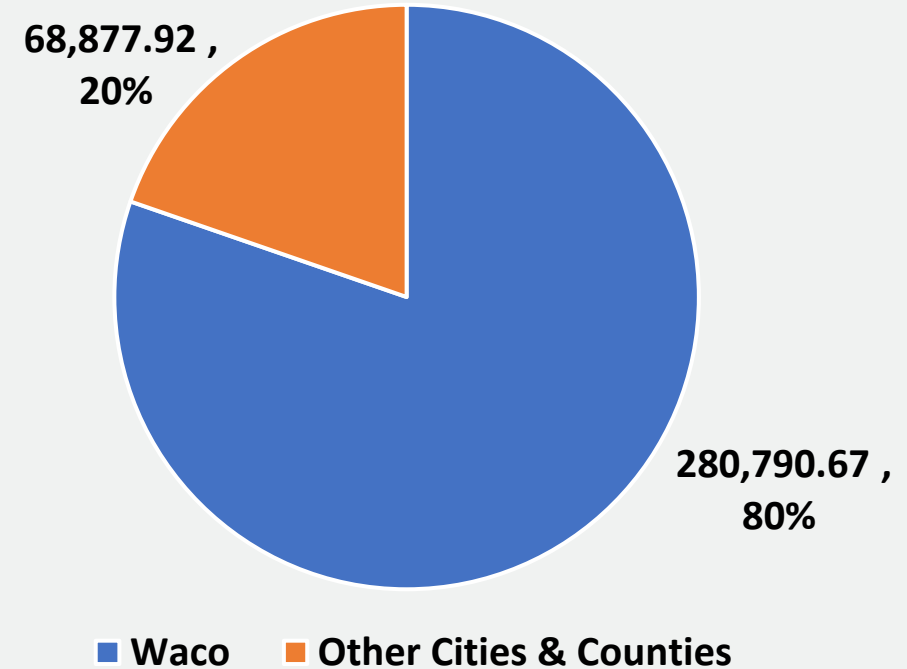
The City of Waco does not have an exclusive franchise for commercial solid waste collections within the City of Waco.

Self Reported Usage of MSW 948A

Usage of MSW 948A by City/County



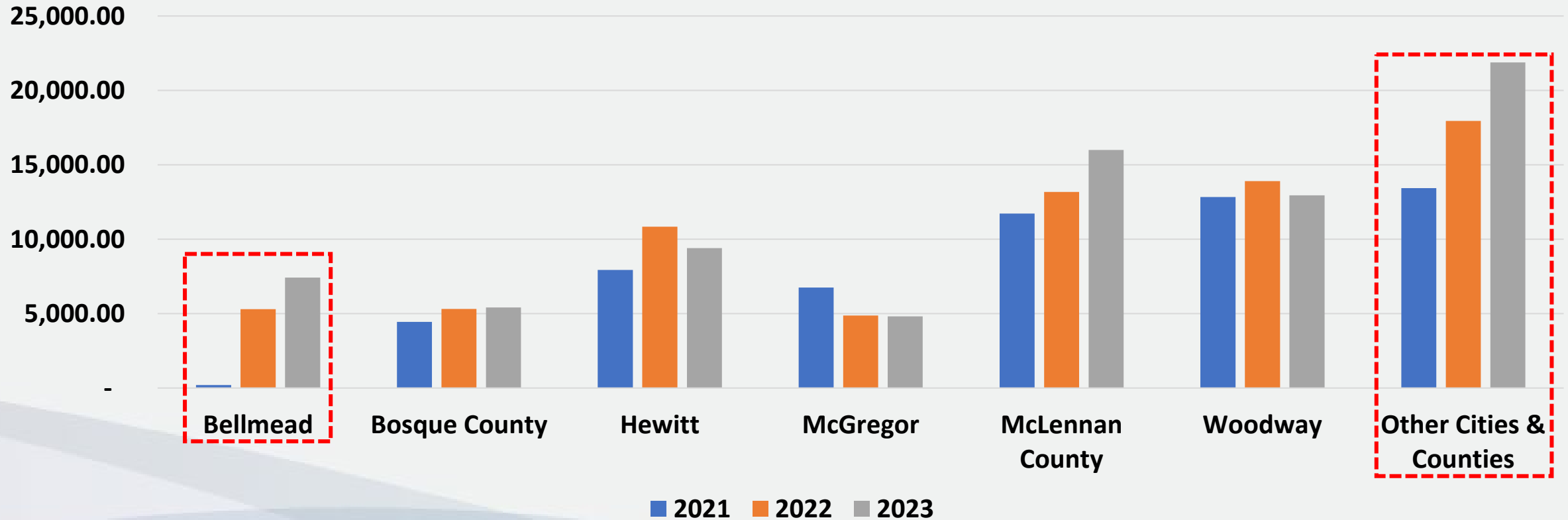
Usage of MSW 948A by City/County - 3 YR Avg



Note: Origin of waste is self-reported by haulers other than COW Solid Waste. Approximately 69% of waste not hauled by COW SW is *reportedly* from the City of Waco.

Self Reported Usage of MSW 948A

Usage of MSW 948A by Other City & Counties



Note: Origin of waste is self-reported by haulers other than COW Solid Waste. Approximately 69% of waste not hauled by COW SW is *reportedly* from the City of Waco.

Self Reported Usage of MSW 948A

Usage by Communities

Communities with over 200% increase in usage from 2021 to 2023:

- Axtell
- Bellmead
- Clifton
- Elm Mott
- Falls County
- Hallsburg
- Hill County
- Lacy-Lakeview
- Limestone County
- Marlin
- Mart
- Riesel
- West



Note: Origin of waste is self-reported by haulers other than COW Solid Waste. Approximately 69% of waste not hauled by COW SW is *reportedly* from the City of Waco.

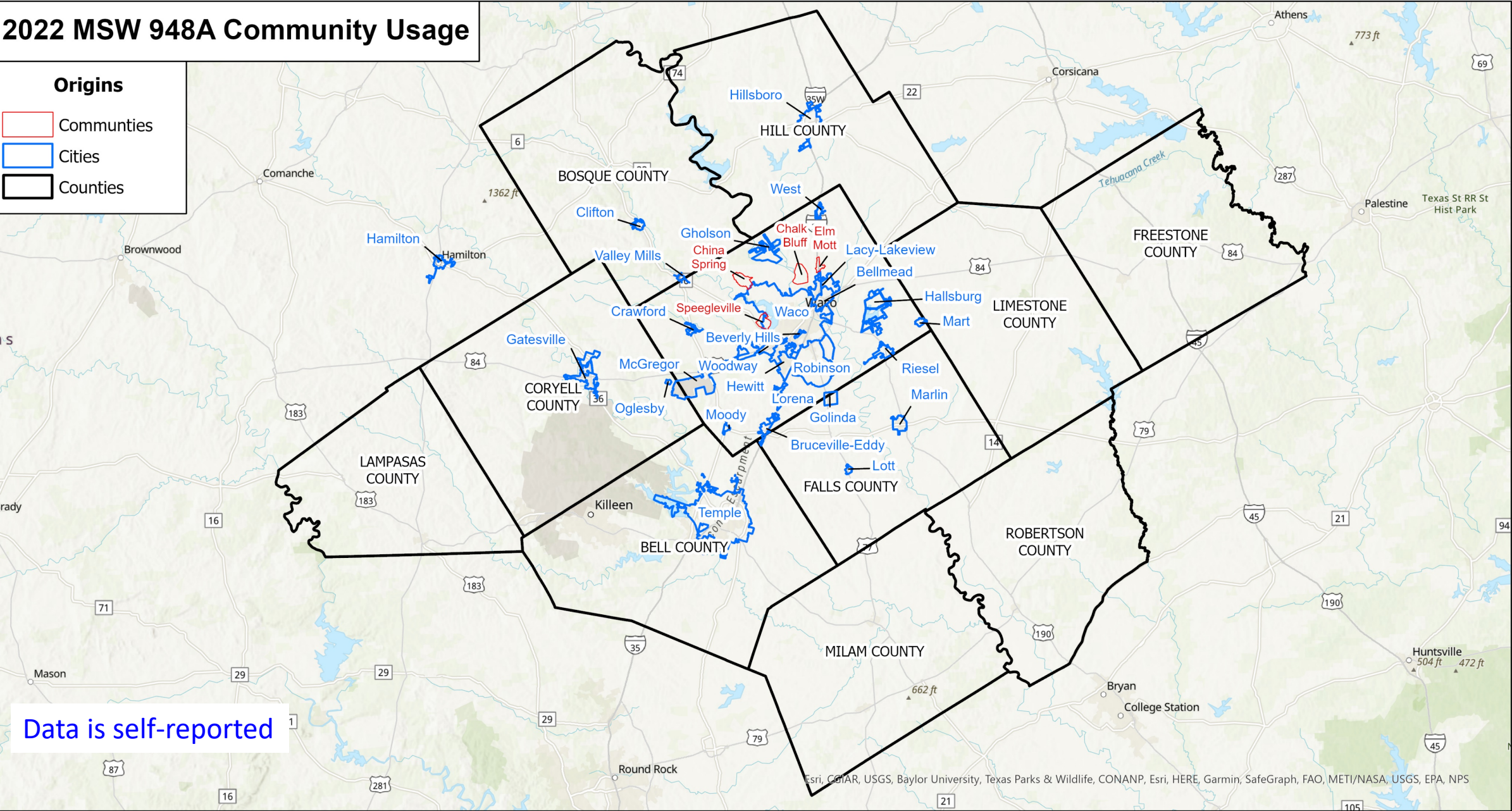
2022 MSW 948A Community Usage

Origins

Communities

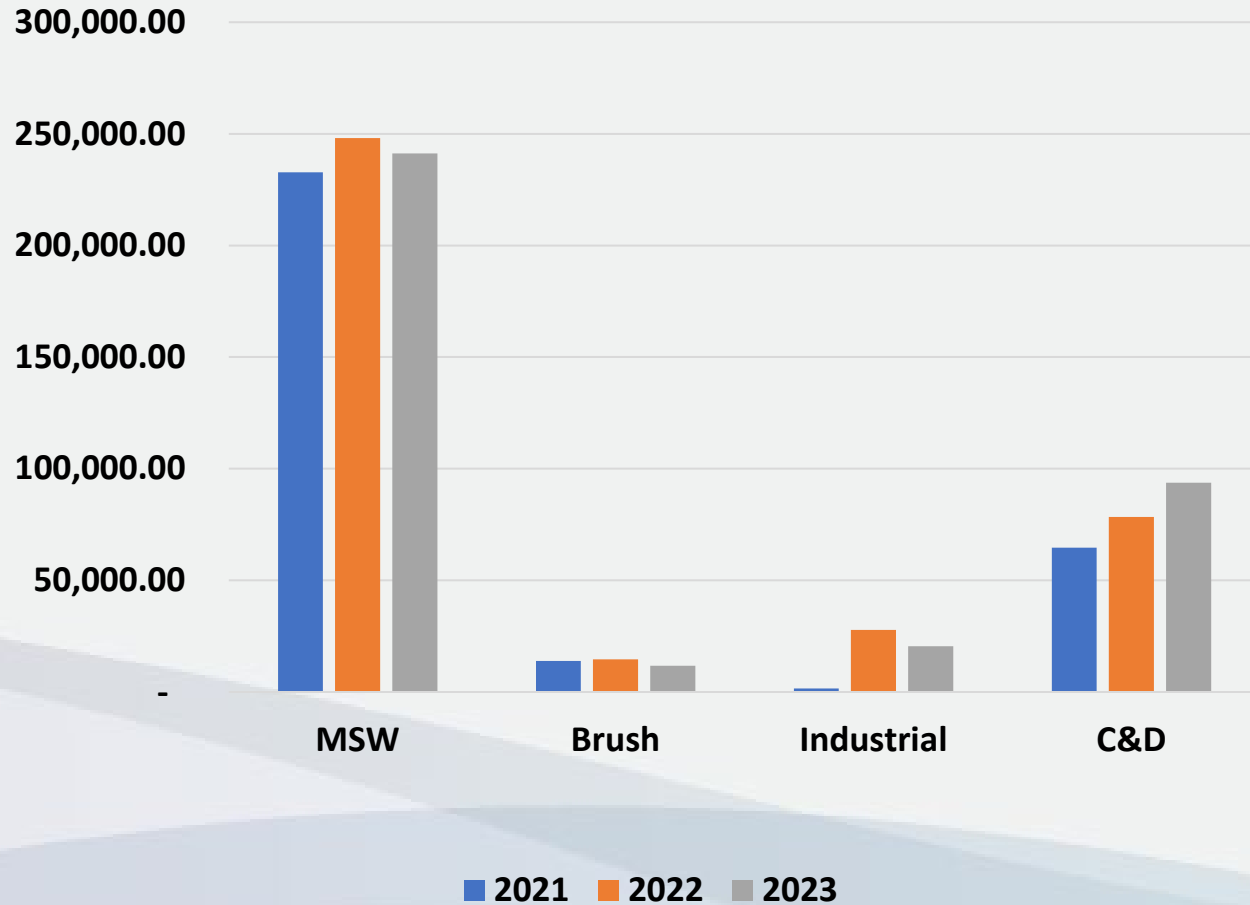
Cities

Counties

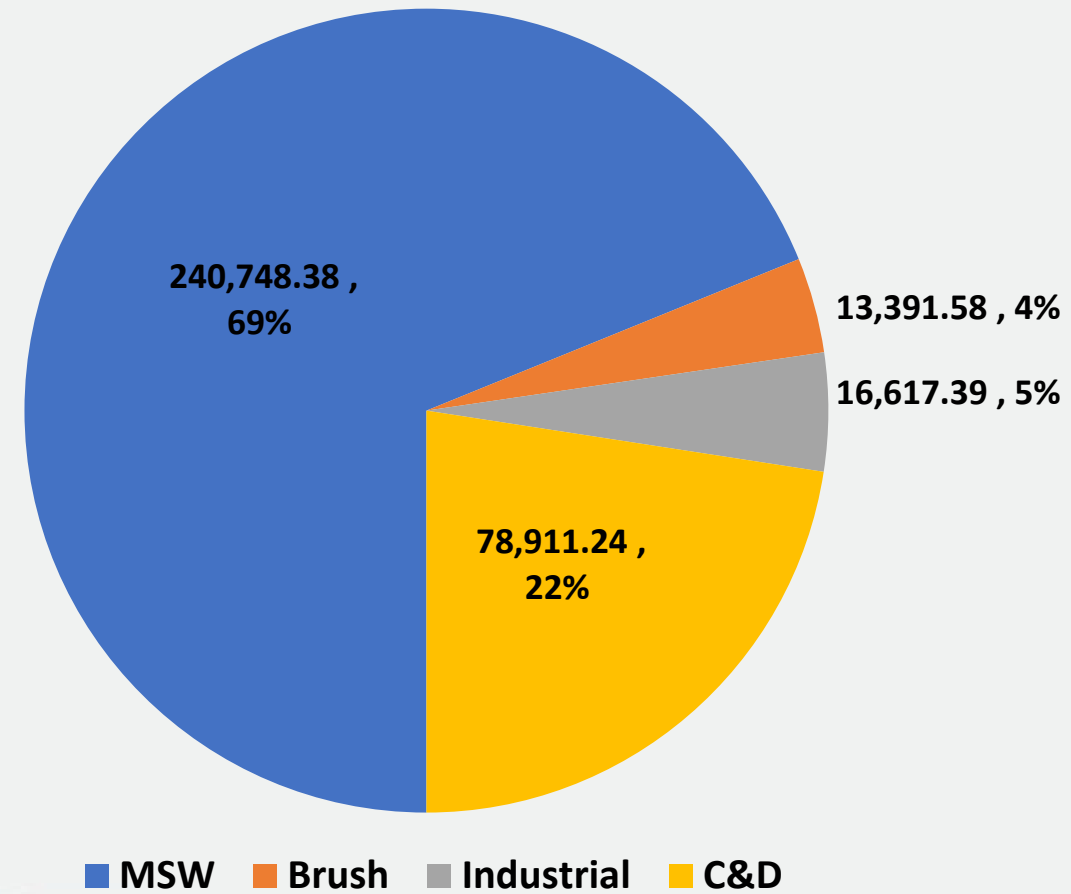


Types of Waste - MSW 948A

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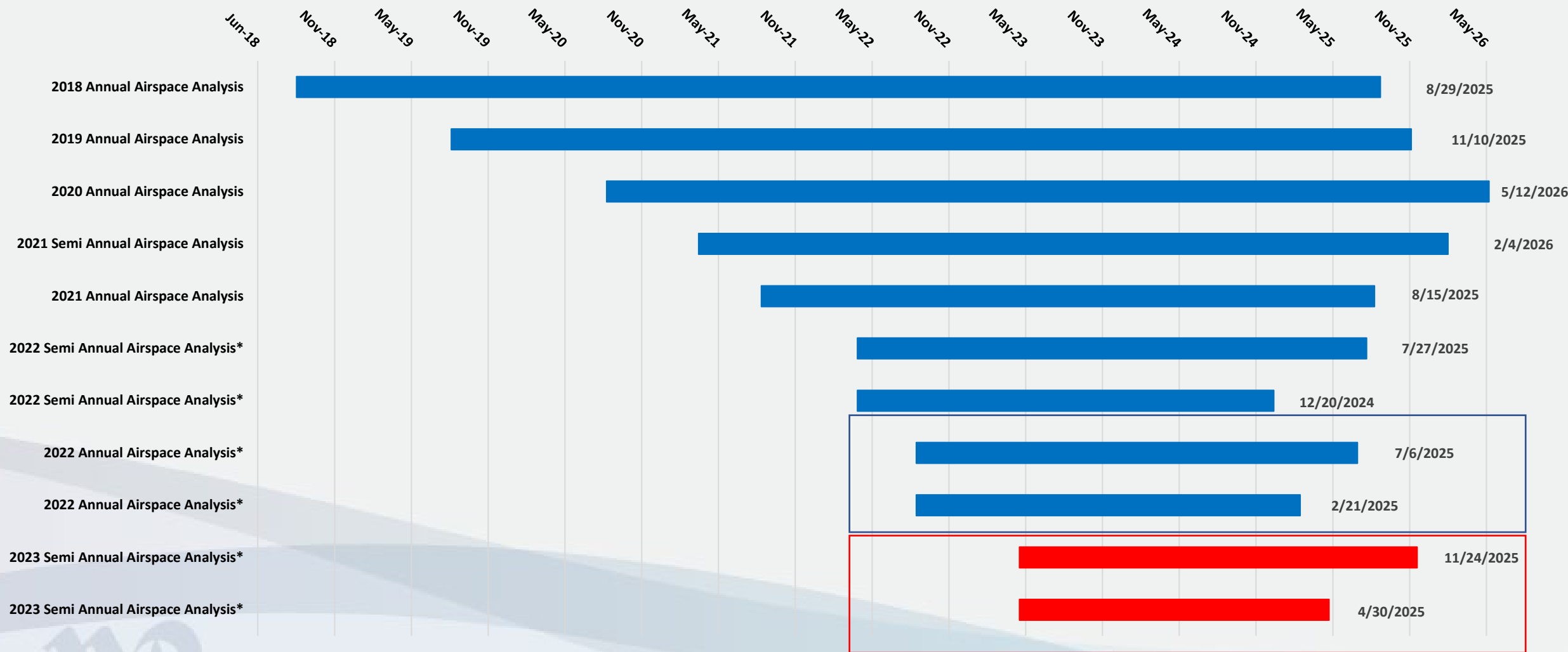


Types of Waste - MSW 948A - 3 YR Avg



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MSW 948A AIRSPACE CAPACITY



* 2 SCENARIOS BASED ON DIFFERENT COMPACTION RATES



Landfill Gas & Solar Projects

- Landfill Gas Beneficial Use
 - SCS Engineers performed a feasibility study
 - Significant interest from private developers
 - Develop Request for Proposals for LFG beneficial use
- Solar Utility Feasibility Study
 - RFQ 2023-018 issued April 4, 2023
 - Proposals opened June 7, 2023
 - Resolution 2023-833 to award a contract to Jones Lang LaSalle Americas, Inc.



Twin Oaks Landfill

MSW 2400




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Permit Update/Settlement Detail

- TCEQ issued MSW permit May 22, 2023

Texas Commission on Environmental Quality



**Permit for a
Municipal Solid Waste (MSW) Management Facility**
Issued under provisions of Texas
Health & Safety Code
Chapter 361

MSW Permit No.: 2400

Name of Site Operator/Permittee: City of Waco

Operator: City of Waco

Property Owner: City of Waco

Facility Name: City of Waco Landfill

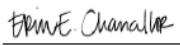
Facility Address: 4730 TK Parkway, Axtell, TX

Facility Classification: Type I Municipal Solid Waste Management Facility

The permittee is authorized to store, process, and dispose of wastes in accordance with the limitations, requirements, and other conditions set forth herein. This permit is granted subject to the rules and orders of the Commission and laws of the State of Texas and it replaces any previously issued permit. Nothing in this permit exempts the permittee from compliance with other applicable rules and regulations of the Texas Commission on Environmental Quality. This permit will be valid until canceled, amended, or revoked by the Commission.

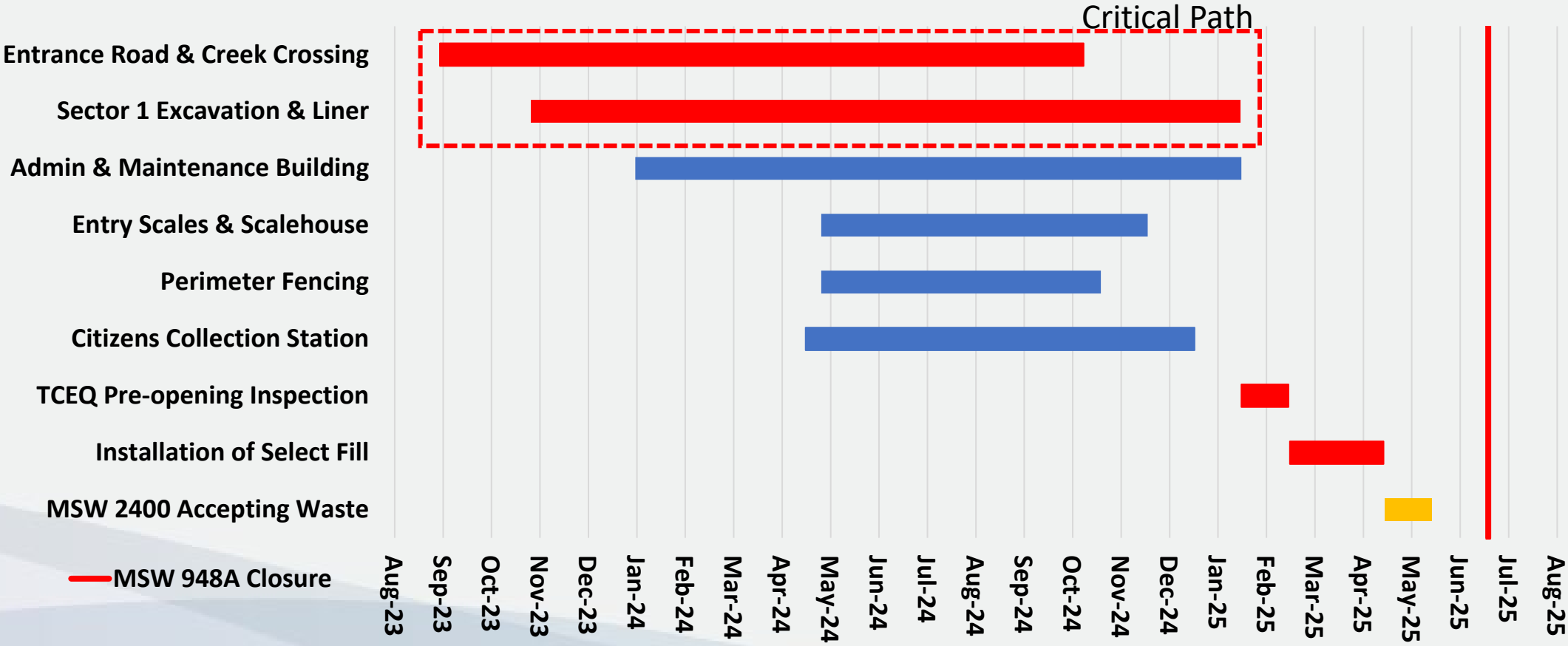
Approved, Issued and Effective in accordance with Title 30, Texas Administrative Code (30 TAC), Chapter 330,

Issued Date: May 22, 2023


For the Commission

MSW 2400 Settlement Summary	
Party	Date
Prairie Hill Water Supply Corp	3/25/2020
TK Cemetery	10/20/2021
Joe & Cynthia Dunlap, Billy Joyce Dunlap	10/4/2022
Fred Swaner	10/4/2022
Steven & Elisabeth Rigby	11/4/2022
Darren & Melissa Porter	3/1/2023
David Reed Sr. and David Reed Jr.	3/30/2023
James Trayler	5/9/2023
SAFE	5/9/2023
TCWCID #1	5/9/2023
Limestone County	9/12/2023

MSW 2400 Construction Schedule



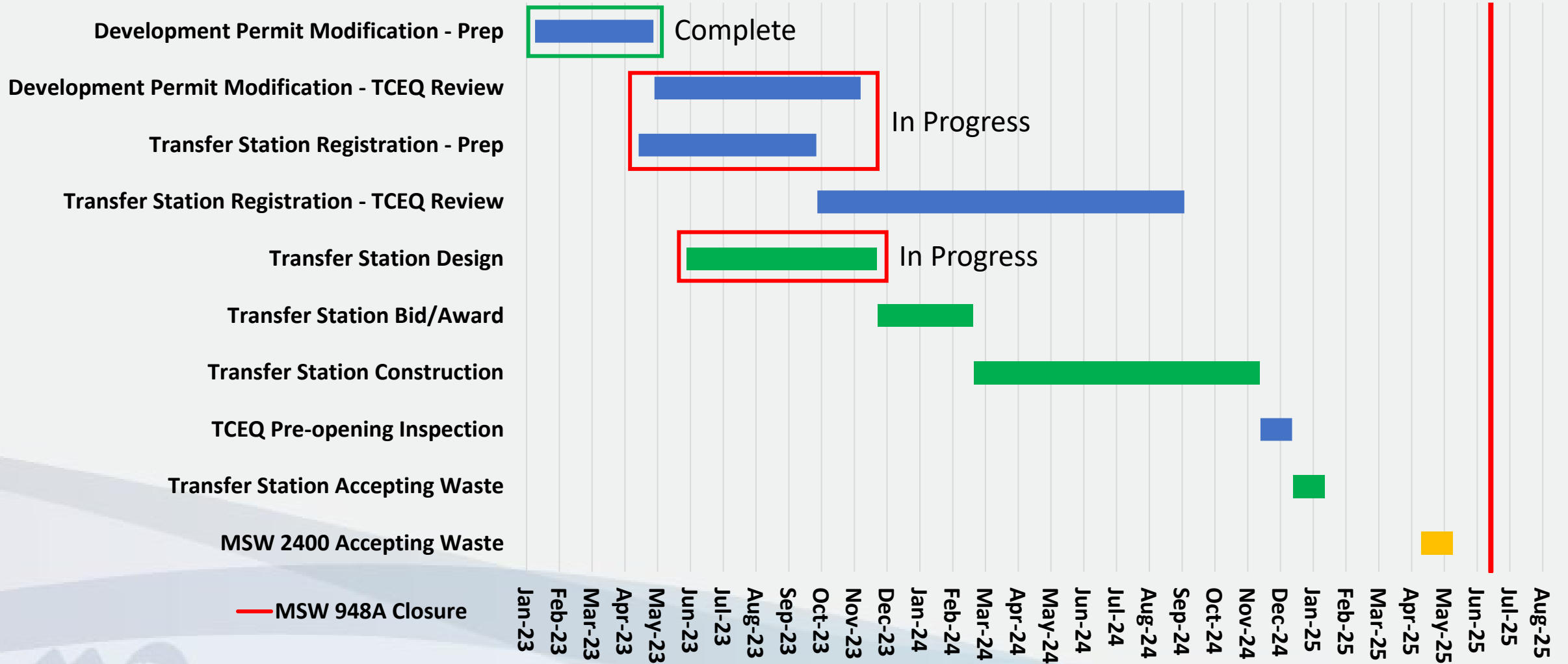
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Transfer Station



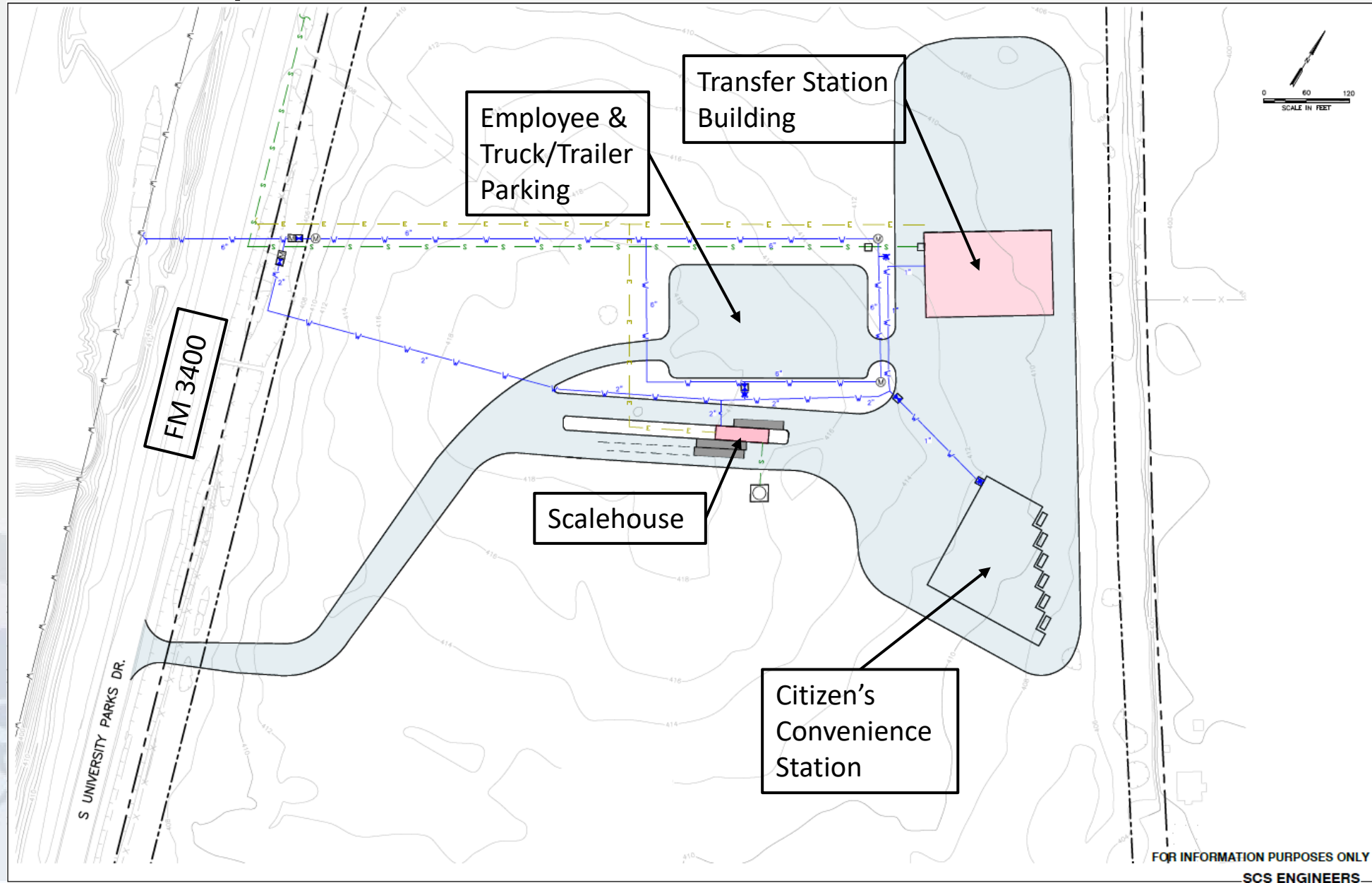
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Proposed Transfer Station Schedule



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Proposed Transfer Station Site Plan



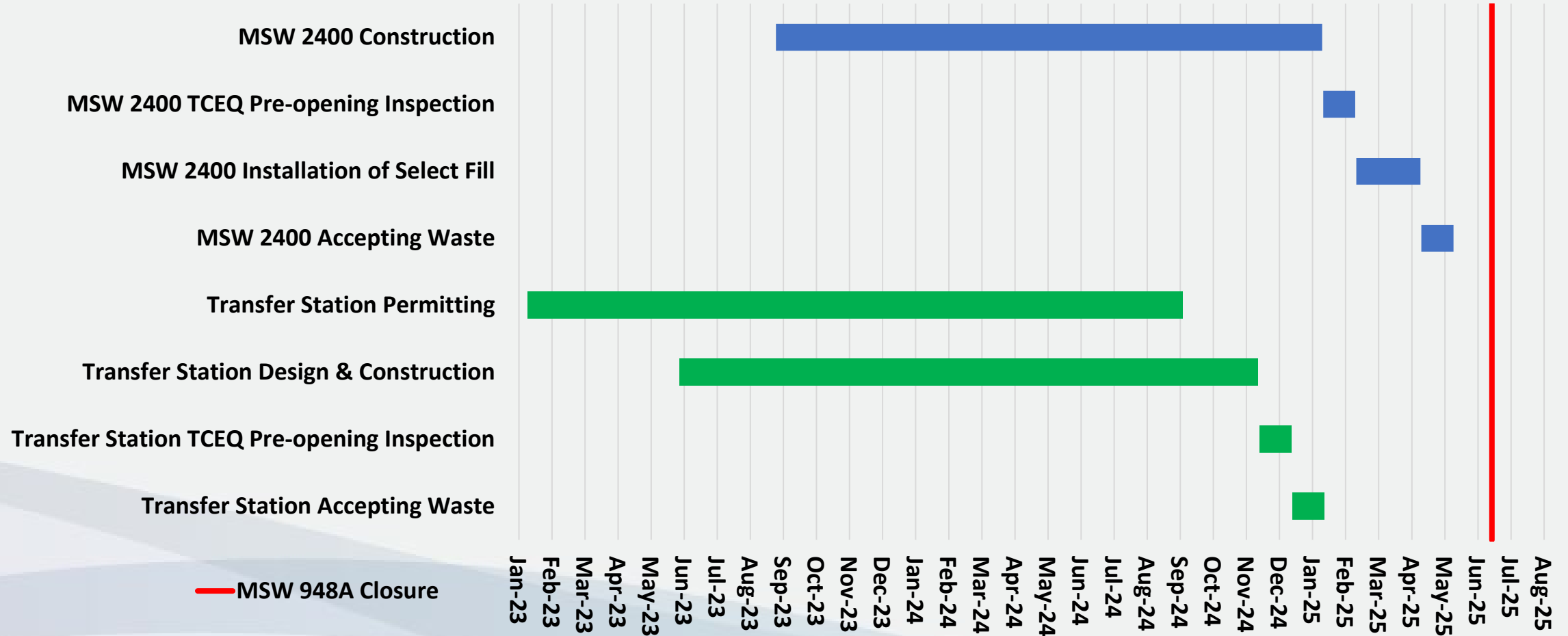
Proposed Transfer Station Rendering



Future Solid Waste Operations



Combined Schedule



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