

Resource Conservation Council

Facility Conformance Subcommittee

July 21, 2022

Procedures for Online Meeting

- ▶ Please keep your microphone on mute when not speaking.
- ▶ Please state your name and the entity you are representing when you ask a question or provide a comment.

Welcome and Introductions

- Patricia Redfearn, City of Grand Prairie
Vice-Chair
Facility Conformance Subcommittee

Presentation

- Permit amendment application for SouthWaste Disposal, LLC, Dallas Facility, a Type V facility in Mansfield, Texas.
- Ben Camacho, Director of Permitting and Compliance, WRM
- Steve Charo, Director of Operations, SouthWaste Disposal, LLC
- Spenser J. Harvey, P.E., Parkhill



A WRM Company

Dallas Amendment Presentation

SOUTHWASTE

- ▶ From the drain to the main, Southwaste is a full-service liquid waste management company that specializes in the collection and processing of brown grease, grit, septage, and more.
- ▶ We are a one-stop-shop that serves restaurants, car washes, schools, commercial commissaries, and food & beverage processing facilities.
- ▶ Founded in 1948, we provide practical management solutions to all major Texas markets and Central Florida. We are based in Houston, TX.
- ▶ We are a part of the WRM family of companies



Southwaste Services

Grease Trap
Service

Pump Truck
Services

Hydro-
Jetting
Services

Lint & Grit
Services

Septic
Plumbing &
Maintenance

Grease Trap Cleaning & Pumping

Highly-trained technicians use 3,000 psi of water to clean the interior of the trap after evacuation.

Grease traps are maintained on a routine cycle within specified service windows.

We maintain paperwork and relationships with local enforcement personnel concerning trap ordinances.

24/7 response time for customers on a service cycle.

South Waste Silver City Kappa Products McDonald Farms



SERVICE AREA

MSW Permit 2256B Amendment

Waste Acceptance Rates

- **Maximum Rate Under 2256A**
 - 32,000,000 gallons-per-year
 - 87,600 gallons-per-day
- **Maximum Rate Under 2256B**
 - 50,000,000 gallons-per-year
 - 137,000 gallons-per-day
- **Daily Waste Maximum:**
 - Remains Unchanged from 2256A to 2256B
 - 205,050 gallons-per-day

MSW Permit 2256B Amendment

Permitted Waste Streams

- **Grease trap waste from commercial and industrial sources;**
- Industrial wastes, including non-hazardous Class 1, Class 2, and Class 3 waste;
- Grit trap waste from commercial and industrial sources;
- Lint trap waste;
- Sludges from municipal and industrial wastewater treatment;
- Septage from residential and commercial sources;
- Chemical toilet waste;
- Waste from commercial and industrial oil-water separators; and
- Tank wash water generated at the onsite tank washing facility.

MSW Permit 256B Amendment

Process Information

- Facility processes include filtration, separation by heat, flocculation, chemical adjustment, and dissolved air flotation.
- Liquids are treated to industrial pretreatment standards and discharged to sanitary sewer regulated by an Industrial Wastewater Discharge Permit No. C-25-015 from City of Mansfield.
- Liquids in the sewer system are treated at Trinity River Authority (TRA) Central Regional Wastewater System Wastewater Plant.
- Sludge and solids are disposed at a landfill permitted to accept waste.
- Oil is recovered from the grease cap and sold as a biofuel.

MSW Permit 2256B Amendment

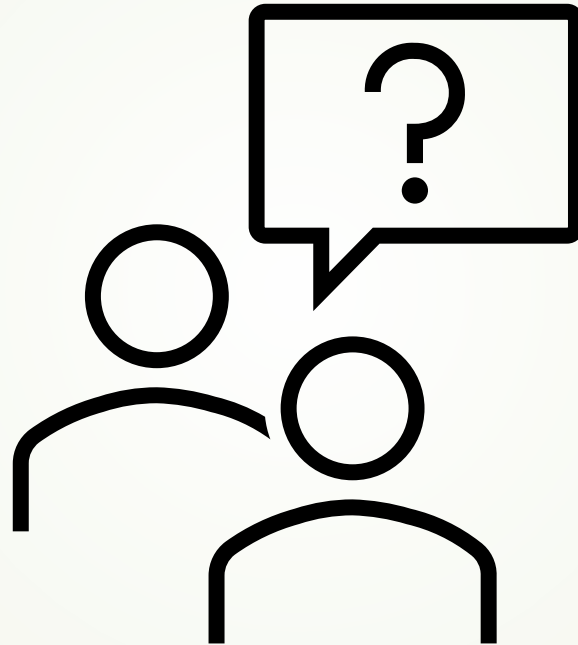
Facility Information

- The Facility only accepts non-hazardous waste for processing and treatment at the Type V Facility.
- All wastes are properly manifested or have a trip ticket.
- All waste materials are stored within enclosed vented tanks or appropriate containers. All tanks are vented and housed within an enclosed building and do not constitute a fire, safety, or health hazard nor do they provide food or harborage for animals and vectors.
- All processing occurs completely within the enclosed Type V building. The building is equipped with an air scrubber to minimize odor.
- The facility has not had a spill or odor complaint in the past 5 years.

NCTCOG Regional Conformance

- ▶ “Time to Recycle” - Approximately 1.5% to 2% of all the grease trap waste processed and disposed is reclaimed rendered and sold as bio-fuel (also known as brown oil). Approximately 80% of all liquid waste is processed onsite and discharge to a regulated PQTW.
- ▶ “Stop Illegal Dumping” - Use public awareness materials (e.g. signs, brochures, etc.) developed by NCTCOG to help stop illegal dumping. We have a Digital Media Marketing Team that can assist with public awareness through our website.
- ▶ “Assuring Capacity for Trash” - Southwaste services customers within a 100 miles radius of the facility; including low volume customers. The amendment will also increase capacity for liquid waste processing and disposal which in turn will assist with regional growth and demand for municipal liquid waste disposal services.

Q & A for Applicant



Action Item

The Subcommittee will discuss the permit amendment application for SouthWaste Disposal, LLC, Dallas Facility, and vote whether to recommend to the Resource Conservation Council that the application conforms to the North Central Texas Regional Solid Waste Management Plan.

Next Steps

The Resource Conservation Council will vote on the Subcommittee's recommendation regarding SouthWaste Disposal, LLC, Dallas Facility, at its meeting on August 18, 2022.

A letter stating the RCC's final conformance determination will be submitted to the TCEQ, and a copy will be sent to the applicant.

Welcome and Introductions

- ▶ Patricia Redfearn, City of Grand Prairie
Vice-Chair
Facility Conformance Subcommittee

Presentation

- Major permit amendment application for the City of Arlington Landfill, a Type I facility in Tarrant County, Texas.
- Jason Edwards, P.E., Senior Engineer, Weaver Consultants Group, LLC
- Adam Hart, Team Environmental Manager, Republic Waste Services of Texas, Ltd.

City of Arlington Landfill Major Permit Amendment

NCTCOG Conformance Review

Permit No. MSW – 358C

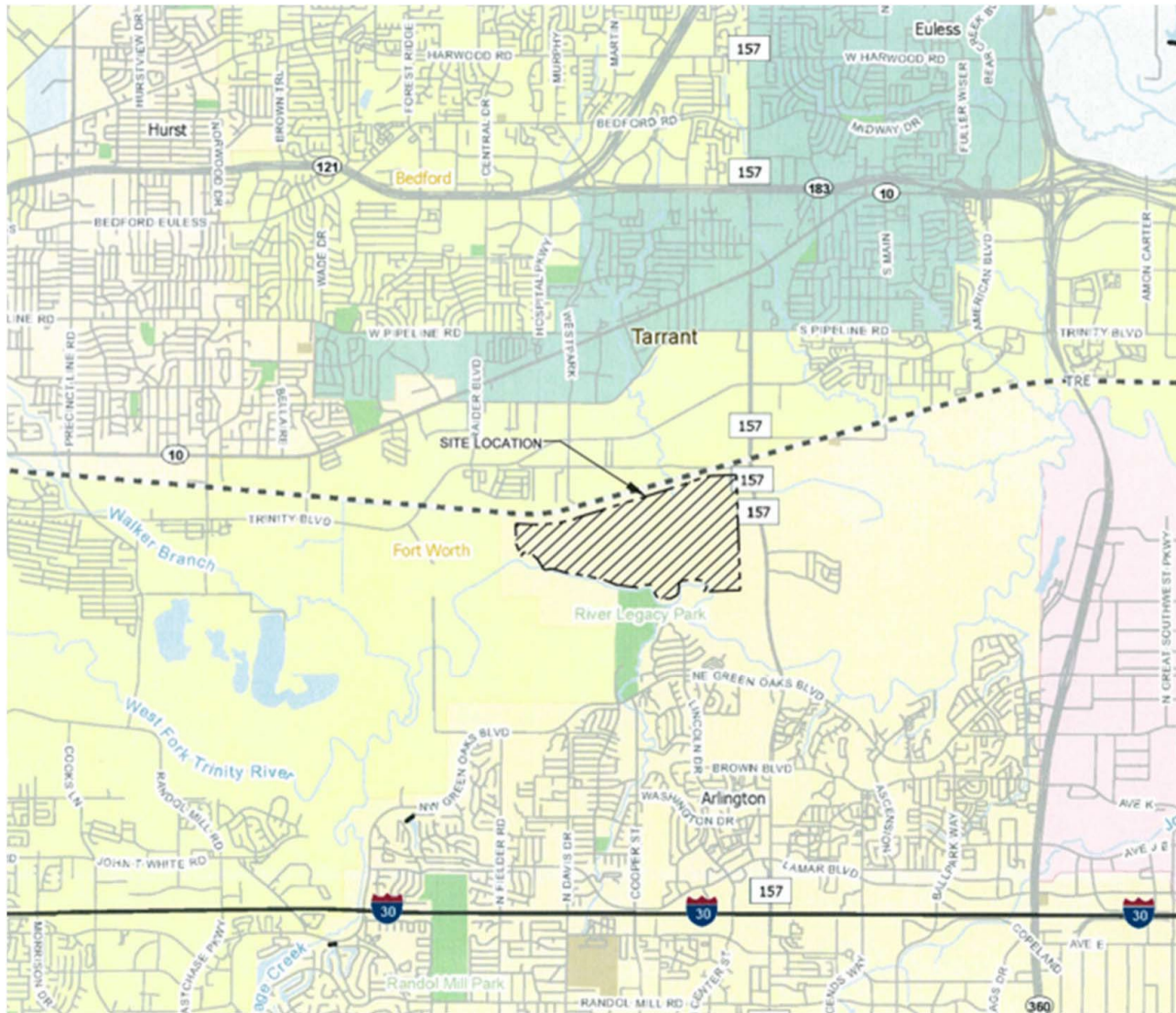
Applicant Information

- The applicant for this application is the City of Arlington. The City has owned and operated this facility for over 40 years.
- The contract operator for this facility is Republic Services.
- This facility provides solid waste disposal services for residences and businesses in Arlington and throughout North Texas.

Existing Facility Description

- The City of Arlington Landfill is an existing Type I municipal solid waste (MSW) facility.
- The landfill is located west of FM 157 (North Collins Street) and south of Mosier Valley Road within the City of Arlington.
- The existing permit boundary is 774.3 acres.
- For over 40 years, the landfill has been part of the community and is the main recipient of waste from the residents and businesses.

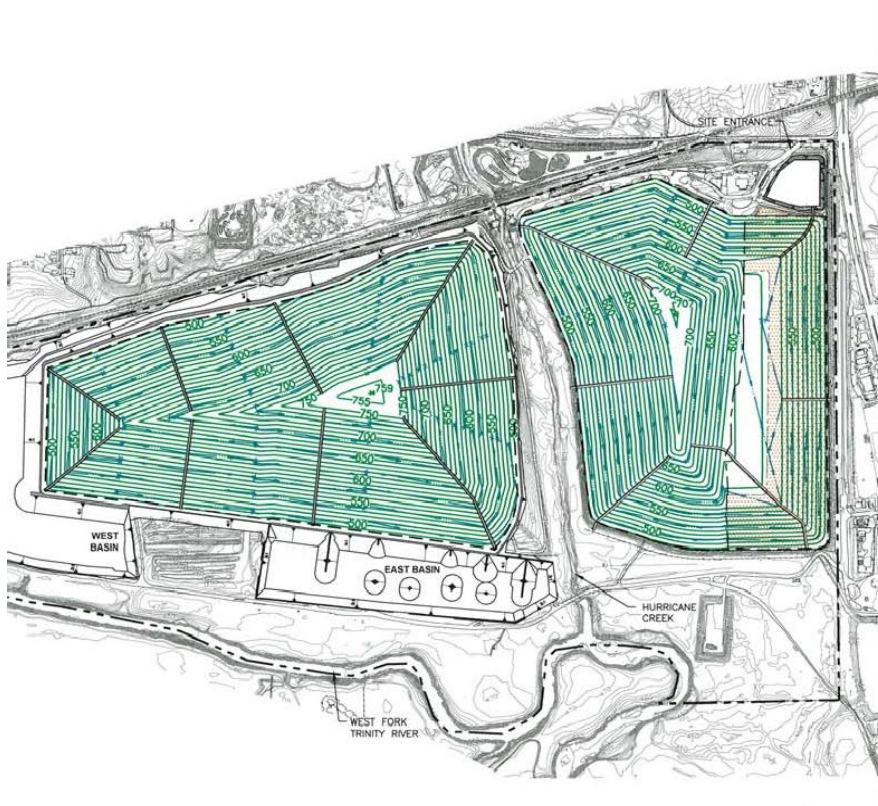
Site Location



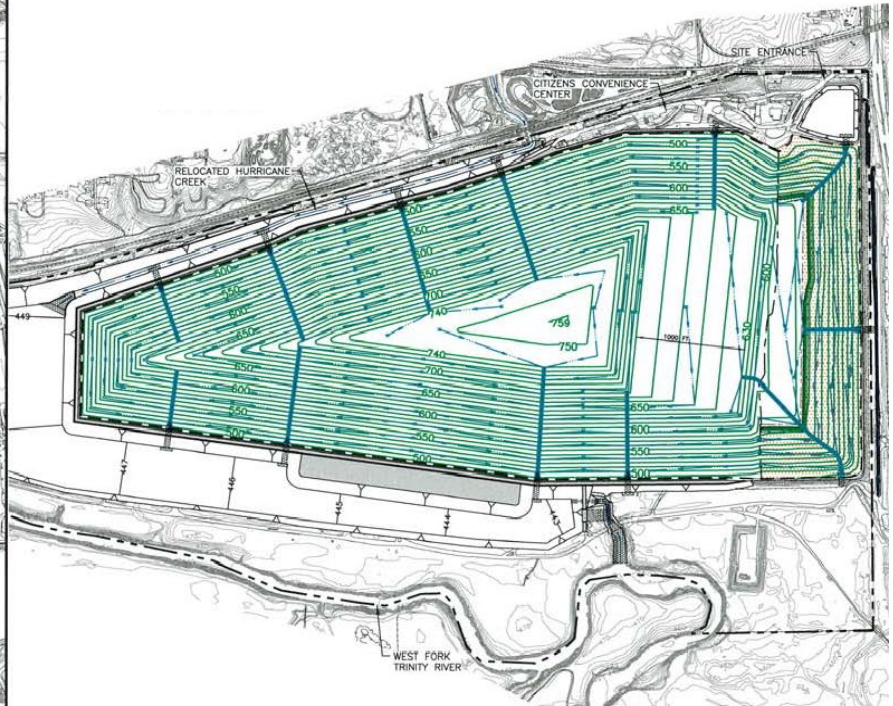
Permit Amendment Summary

- The existing permit boundary will remain unchanged at 774.3 acres.
- The permitted 382.7-acre waste disposal area will be reconfigured, resulting in a net increase of approximately 7.8 acres.
- The permitted maximum elevation will remain unchanged at 759 feet mean sea level (ft-msl).
- Site entrance and traffic patterns will remain unchanged from the existing permit.
- Capacity increase of 15.9 million cubic yards.

Landfill Completion Plan



PERMITTED LANDFILL COMPLETION PLAN
(TCEQ PERMIT NO. MSW-358B)



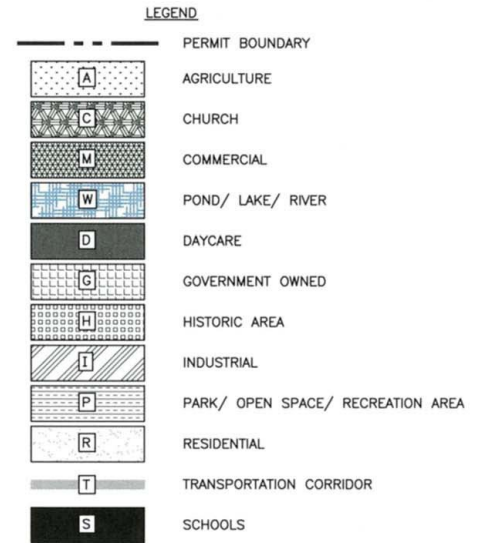
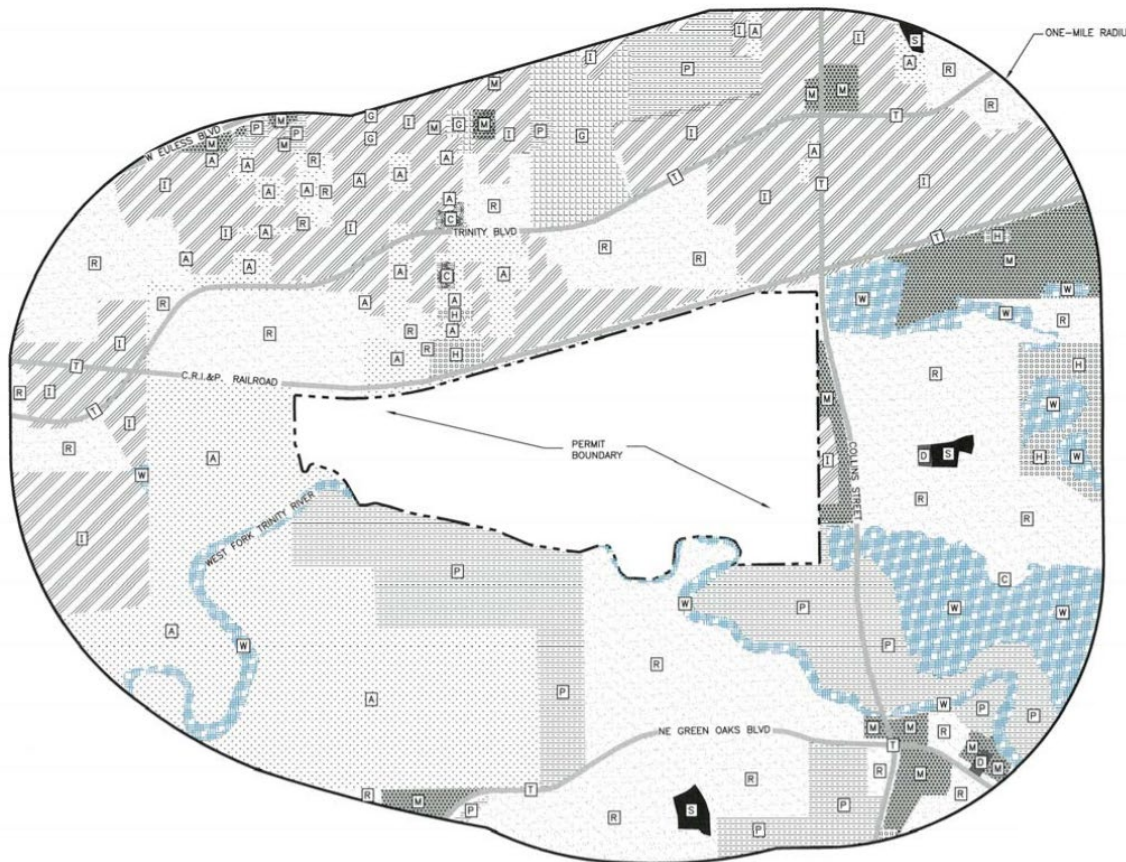
PROPOSED LANDFILL COMPLETION PLAN
(TCEQ PERMIT NO. MSW-358C)

Types of Waste Accepted

- Types of wastes accepted will remain consistent with the current permit
- Municipal solid waste (MSW) from residential, commercial, community, institutional and recreational activities
- Construction and demolition (C&D) waste and certain types of special waste

Land Use Summary

- Predominantly agricultural/open space land, industrial, and residential



LAND USE WITHIN ONE MILE OF PERMIT BOUNDARY		
ZONE DESCRIPTION	ACREAGE	PERCENT OF AREA
CITY OF ARLINGTON LANDFILL PERMIT BOUNDARY		
AGRICULTURE	975	16.3%
CHURCH	20	0.2%
COMMERCIAL	230	3.8%
POND/ LAKE/ RIVER	395	6.6%
DAYCARE	5	0.1%
GOVERNMENT OWNED	126	2.1%
HISTORIC AREA	77	1.3%
INDUSTRIAL	1,122	18.7%
PARK/ OPEN SPACE/ RECREATION AREA	661	11.0%
RESIDENTIAL	1,431	23.9%
TRANSPORTATION CORRIDOR	160	2.7%
SCHOOLS	21	0.4%
TOTAL	5,987	100.0%

Change Summary

- Relocate Hurricane Creek and reconfigure the limits of waste resulting in a net increase of 7.8 acres.
- Additional site life - approximately 15 years.

Consistent With Regional Plan Goals

- NCTCOG Regional Plan supports the need for landfill facilities as a long-term component of the region's solid waste management program.
- Additional capacity gained (15.9 million cubic yards) will contribute to meeting the NCTCOG's goal of maintaining 10+ years of disposal capacity in this Region.

Questions?

Action Item

The Subcommittee will discuss the major permit amendment application for the City of Arlington Landfill and vote whether to recommend to the Resource Conservation Council that the application conforms to the North Central Texas Regional Solid Waste Management Plan.

Next Steps

The Resource Conservation Council will vote on the Subcommittee's recommendation regarding the City of Arlington Landfill at its meeting on August 18, 2022.

A letter stating the RCC's final conformance determination will be submitted to the TCEQ, and a copy will be sent to the applicant.

Approve Leadership for FY2023

- Current Chair is not seeking reappointment.
- Terms begin on October 1, 2022.
- FY2022 Vice-Chair: Patricia Redfearn
- Nominations for Chair and Vice-Chair

Contact

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