

Resource Conservation Council – Facility Conformance Subcommittee

October 1, 2025

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**Please keep your microphone muted
when not speaking.**

**Please state your name and entity when
you ask a question or provide a
comment.**

Welcome and Introductions

Patricia Redfearn, Ph.D., City of Grand Prairie
Chair, Facility Conformance Subcommittee

Words from the Chair

Patricia Redfearn, Ph.D., City of Grand Prairie
Chair, Facility Conformance Subcommittee

Welcome and Introductions of Applicants and Applicant Representatives

Patricia Redfearn, Ph.D., City of Grand Prairie
Chair, Facility Conformance Subcommittee

Presentation

Amy Hesseltine, Environmental Group Leader, Ardurra, will brief the Subcommittee on the Medical Waste Registration Application for the Daniels Arlington Facility, located in Tarrant County.

Daniels Sharpsmart, Inc. (“Daniels Health”)

3221 E Randol Mill Rd. Arlington, TX 76011

Medical Waste Treatment (steam sterilization) Facility

Texas Commission on Environmental Quality (TCEQ) Registration

TCEQ rules: 30 TAC Chapters 326



About Daniels Health - USA

- Entered the US healthcare market in 2003
- Over 10,000 customer locations
- 31 Facilities across the USA
 - 16 Processing Facilities
 - 15 Transfer Stations
- For the last 10+ years Daniels has operated in Texas from its medical waste treatment facility in Houston.
- Daniels Health purchased the Facility in Arlington in early 2025 to support our growth in Texas, particularly in the Dallas-Fort Worth area.
- This facility is very important to our business and the healthcare customers we service.
- Currently progressing through the TCEQ permitting process to operate.
- Expected to commence 1st Q CY 2026

About Daniels Health - USA

Across the United States. We are Making Healthcare Safer

- **Our Core Mission: “Making Healthcare Safer”**, particularly for frontline healthcare workers through the use of our reusable container system for medical waste.
 - Our containers are proven to reduce needlestick injuries
 - Improve infection control
 - Promote safer containment of medical waste
 - Environmental sustainability
 - End – to – end waste management partnership



Operations Summary

3221 E Randol Mill Rd. Arlington TX 76011 – expected to commence 1st Q CY2026

The Daniels Arlington Facility (“the Facility”) will operate as a medical waste treatment facility - accepting containerized medical waste from healthcare facilities, including hospitals and clinics for autoclave processing (steam sterilization). The Facility will operate in accordance with Texas Commission on Environmental Quality (TCEQ) requirements. The Facility will primarily consist of:

- Facility personnel
- Vehicle / fleet operations
- Receiving / processing – Boiler, autoclave, and Washsmart processing
- Transfer / outbound – alternative treatment facility or landfill.

All operations are completed within an enclosed facility and material is in a means of containment during the entire operation.

North Central Texas Council of Govts.

MSW Facility Evaluation – Conformance Review

- **Goal No. 1: Support Materials Management Education and Training**
- **Goal No. 2: Promote Creation and Expansion of Waste Management Programs**
- **Goal No 3. Measure Regional Waste Reduction Efforts**
- **Goal No. 4. Support and Encourage Innovative Technologies for Other Waste**
- **Goal No. 5. Promote Public and Private Sector Partnerships**

Goal No. 1: Support Materials Management Education and Training

- **Daniels partners** with healthcare facilities, including hospitals and clinics throughout the State of Texas to support materials management, including the offering of educational and training information.
- **Materials management** is supported through the offering of various container types and sizes to healthcare facilities. This ultimately ensures the various types of medical waste are properly segregated and managed appropriately.
 - Sharps containers – different sizes and types
 - Medical waste containers – different sizes and types. These include liners that are consistent with DOT packaging and testing requirements.
 - Containers are pre-labeled and color-coded to best identify and segregate the waste stream associated with the container.
 - Daniels provides shipping documentation (i.e. medical waste manifest) for the healthcare customer for off-site transportation.
 - Accessories that include wall mounts, locking mechanisms, carts, and floor stands for further best management.
- **Daniels Health has an ongoing commitment to educate and train staff** within healthcare to ensure that together we achieve greater safety awareness and compliance. Our education solutions are designed to be interchangeable and customizable – delivering results through a tailored approach. This includes:
 - Onsite waste audits
 - Face-to-face training across all shifts
 - Personal in-servicing at the individual unit level
 - Posters and printed material to ensure correct behavior at point-of-disposal
 - Self-paced eLearning modules (Compliance Publishing)

Products

Sharpsmart Containers



S14 | Sharpsmart Reusable Sharps Container

3.7Gallon sharps container with a counterweighted safety tray and 'no-hands' access...



S22 | Sharpsmart Reusable Sharps Container

5.8Gallon sharps container with inbuilt gravity-sensitive safety tray and overfill...



S32 | Sharpsmart Reusable Sharps Container

8.5Gallon reusable sharps container with an inbuilt counterweighted safety tray



S14A+ | Sharpsmart Access Plus Reusable Sharps Container

3.7Gallon sharps container. No tray, open access for use in secure areas.



S22A+ | Sharpsmart Access Plus Reusable Sharps Container

5.8Gallon sharps container. Designed without a tray for full access in secure areas...



S32A+ | Sharpsmart Access Plus Reusable Sharps Container

8.5Gallon sharps container designed for use in operating rooms and secure areas.

Products

RMW Containers



RMW Reusable Tub | 28 Gallon

Designed for low volume RMW waste disposal. Stackable, nestable, and mobile when...



RMW Reusable Tub | 38 Gallon

Designed for medium volume RMW waste disposal. Stackable, nestable, and mobile when...



Medical Waste Bin | 96 Gallon

Featuring rear wheels for easy mobility, this 96Gallon container is designed for...

[DISPLAY PRODUCTS](#)

9

[X CLEAR FILTERS](#)

Product Type

☒ Educational Resources

Waste Stream

- ☐ Sharps
- ☐ Medical
- ☐ Pharmaceutical
- ☐ Chemotherapy
- ☐ Hazardous

Accessory Type

☐ Wall Mounting

Resource Type

- ☐ Educational Posters
- ☐ SOP's
- ☐ Brochures
- ☐ Product Flyers
- ☐ Peer Reviewed Studies



EDUCATIONAL RESOURCES

Waste Segregation Matrix

This educative color-coded waste matrix outlines correct containers and contents for...

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[VIEW →](#)


EDUCATIONAL RESOURCES

Color Coding Medical Waste Containers Poster

Segregation made easy. A simple informative poster that educates users on correct...

[ADD TO QUOTE +](#)
[VIEW →](#)


EDUCATIONAL RESOURCES

Correct Medical Waste Disposal Poster | SPANISH

Segregation made easy. A simple informative poster that educates users on correct...

[ADD TO QUOTE +](#)
[VIEW →](#)


EDUCATIONAL RESOURCES

Sharpsmart - Safe Sharps Disposal

This simple all-in-one poster defines sharps waste, and instructs how to identify fill...



EDUCATIONAL RESOURCES

Sharpsmart Collectors are not Disposable

Daniels sharps containers are reusable! This poster clearly articulates why Sharpsmart...



EDUCATIONAL RESOURCES

Sharpsmart - no disposal Poster

This poster clearly defines the reusability of the Daniels Sharpsmart and instructions...

Goal No. 2: Promote Creation and Expansion of Waste Management Programs

Our Focus on Safety and Sustainability in healthcare

- Daniels Health safety-engineered containers and clinical – centric approach are designed to reduce workplace injuries and infection risks.
 - **Sharps containers:** our sharps containers are proven to reduce needlestick injuries by up to 87% for frontline healthcare workers (or over 20,000 healthcare workers). The sharps container is engineered with 13 safety features, including a gravity balanced tray, ABS plastic, and leak-proof design.
 - **Infection control:** Daniels use a high-tech robotic washing process called a Washsmart to clean and sanitize containers before – reuse, a method that achieves a very high level of decontamination.
 - **Segregation:** Daniels containers use color – coded, point of use containers to promote proper waste segregation. This reduces the risk of improper waste segregation and accidental exposure.
 - **Reduced handling:** Our reusable containers offer accessories that limit the need for frontline healthcare workers to handle waste. Our medismart container is a first of its kind, bagless system for medical waste.

Goal No. 2: Promote Creation and Expansion of Waste Management Programs

Our Focus on Safety and Sustainability in healthcare

- Daniels Health solutions are designed to reduce the environmental burden of medical waste through reusable products and efficient processing.
 - **Reusable containers:** The use of reusable sharps and medical waste containers significantly reduce the amount of plastic and cardboard that ends up in landfills. Daniels reusable containers are re-used up to 500 times, single use cardboard boxes are recycled.
 - **Reduced carbon emissions:** Switching from single-use or disposable containers to Daniels reusable system has been shown to reduce greenhouse gases dramatically.
 - Lower manufacturing emissions
 - Fewer transportation routes through milk-run routes
 - Daniels operates an autoclave vs a highly carbon intensive incinerator
 - **Waste optimization:** By improving segregation at the point of care, Daniels helps healthcare reduce the volume of expensive medical waste. This reduces the energy resources used during waste treatment and minimizes the overall waste stream.

Goal No 3. Measure Regional Waste Reduction Efforts

The Daniels Difference:

- **Daniels Health solutions are designed to reduce the environmental burden of medical waste through reusable products and efficient processing.**
 - **Reusable containers:** Over 4 million pounds of plastic is diverted from landfill annually. Once customer of ours Loma Linda University reported over 50 tonnes of plastic reduced annually
 - **Reduced carbon emissions:** Reported an 85 – 90% reduction in carbon emissions. Another customer Northwestern Memorial Hospital (Chicago) reported a 84% GHG emissions reduction
 - **Waste optimization:** Reported some customers see 30-50% reduction in RMW volume, which is costly and requires further processing than general trash.
 - **Measurable Results:** Daniels provides data and reporting to healthcare clients to track environmental reductions

Goal No. 4. Support and Encourage Innovative Technologies for Other Waste

Daniels Health processing equipment

- Medical waste received at the Daniels Health Arlington Facility is processed by natural – gas powered **boiler**, new **bondtech autoclave** (steam sterilization unit), and **Washsmart machine**.
- **Autoclave** is fed hot steam from a boiler and steam sterilizes medical waste. Autoclaves are advanced technology sterilization machines that combine specific time, temperature, and pressure cycles to achieve medical waste sterilization. Biological indicators are used to ensure efficacy of the machine.
- **Daniels Washsmart** is a first of its kind innovative technology to robotically clean, decontaminate, sanitize, and dry reusable containers. This machine is central to our reusable system model.
 - Robotically / automatically decants and empties
 - high-pressure flush
 - Wash and hot rinse cycle, household grade cleaning detergents - 180 degree F water temperature
 - Drying
 - SMARTGUARD coating – patented anti-stick coating that helps containers remove adhesives and other material

Truck



Daniels Equipment

Boiler



Daniels Equipment

Autoclave – steam sterilization





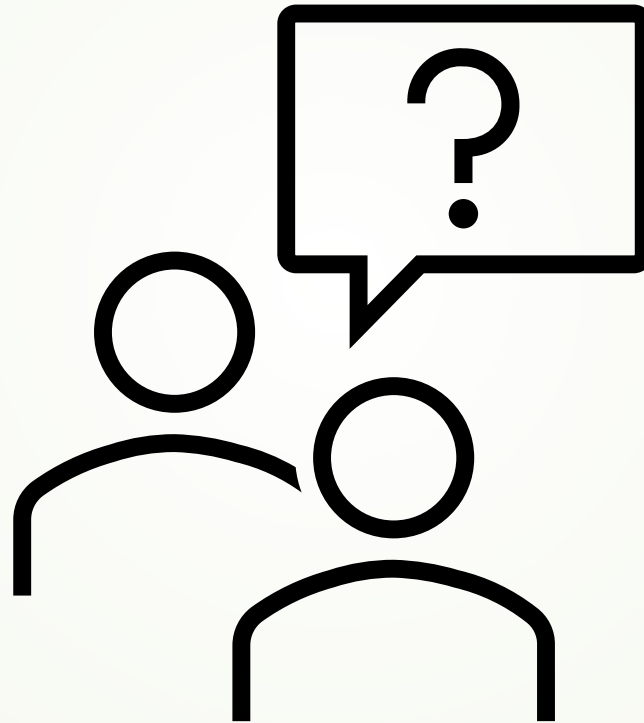
Goal No. 5. Promote Public and Private Sector Partnerships

- **Healthcare Waste Partnerships (Public + Private)**
 - Daniels partners with public hospitals and health systems
 - Private hospitals, clinics, and surgical centers
 - Daniels services healthcare that directly serve the public sector, including healthcare that accepts household medical waste (e.g., sharps drop off at a police station, fire dept.).
- **A few of Daniels health clients:**
 - Fresenius Medical Care – 60+ locations we will be servicing from Arlington; over 3,000 FMC sites nationally
 - Texas Health Huguley - Burleson, TX
 - Wilson N. Jones Regional Medical Center - Sherman, TX
 - Innovations Medical - Dallas, TX
 - Fortrea Dallas Dallan, TX
- The Daniels Arlington Facility will expand waste collection opportunities for healthcare facilities in the State of Texas. These locations are throughout the State and may include rural and underserved areas - ultimately promoting better medical waste management practices, compliance, and safety through the disposal process.

THANK YOU



Q&A For Applicant



Action Item

The Subcommittee will discuss the Medical Waste Registration Application for the Daniels Arlington Facility, located in Tarrant County, and vote whether to recommend to the Resource Conservation Council (RCC) that the application conforms to the North Central Texas Regional Solid Waste Management Plan.

Presentation

Chuck Marsh, Senior Project Director, Weaver Consultants Group, will brief the Subcommittee on the Transfer Station Permit Application for the WC Weatherford Transfer Station, located in Parker County.



WASTE CONNECTIONS
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NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS RCC FACILITY CONFORMANCE SUBCOMMITTEE REVIEW WC WEATHERFORD TRANSFER STATION

Type V Transfer Station Permit Application
Parker County, Texas

October 1st, 2025

PROPOSED OPERATIONAL CHANGES



WASTE CONNECTIONS
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- No physical changes are proposed to the existing facility.
- The only proposed operational change is to remove the mandate that the facility recovers at least 10% of the incoming waste stream for reuse or recycling.
- Recyclables will still be accepted at this facility.

TRANSFER STATION OVERVIEW



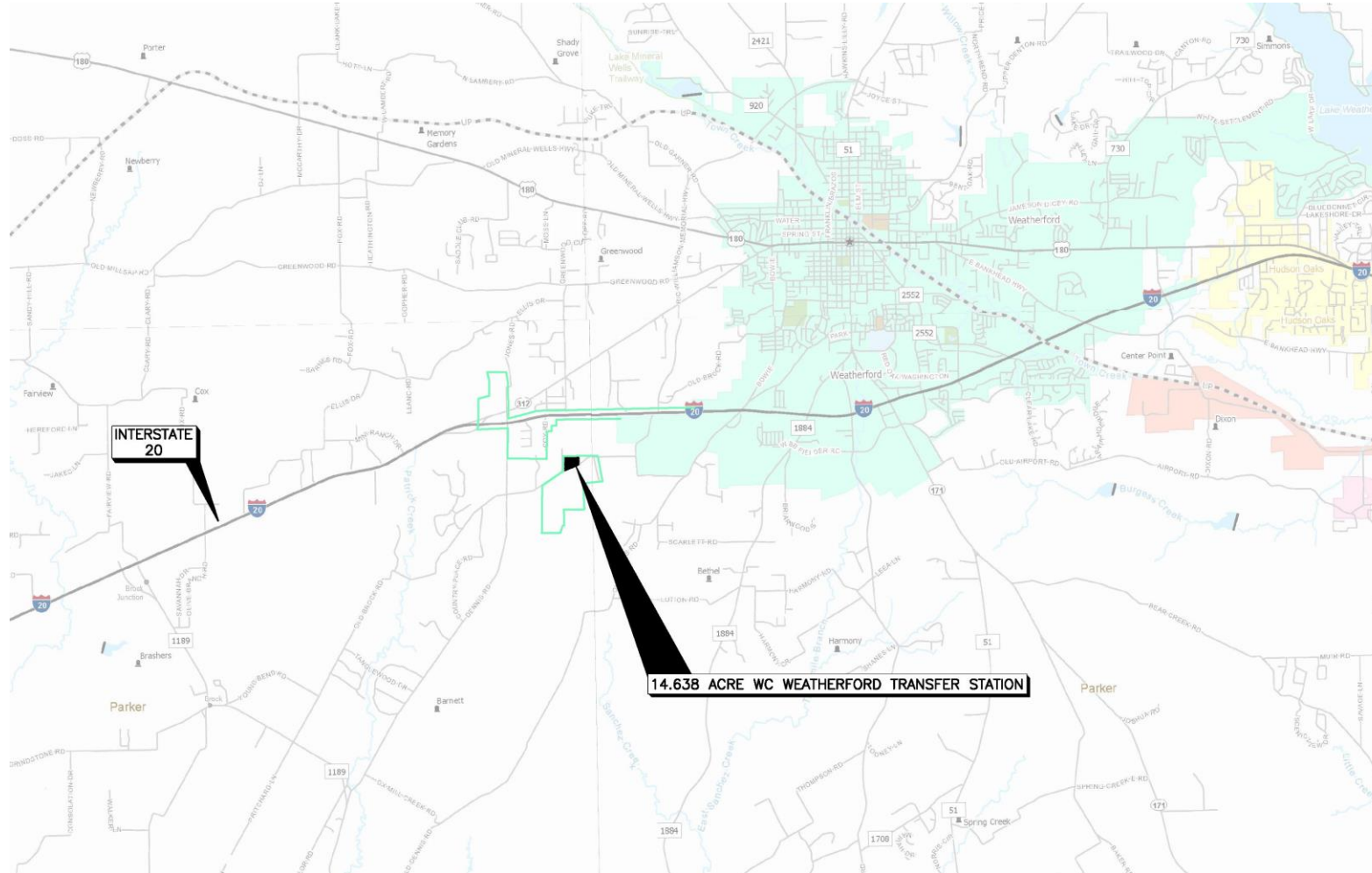
WASTE CONNECTIONS
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- The applicant is Waste Connections Lone Star, Inc., an affiliate company of Waste Connections (WC).
- The TS is an existing registered Type V municipal solid waste (MSW) processing facility.
- A Type V Registration was approved for this facility in 2019.
- A Type V permit application was submitted to TCEQ in May 2025 to remove the requirement to recover 10% of incoming waste for recycling or reuse.

TRANSFER STATION LOCATION



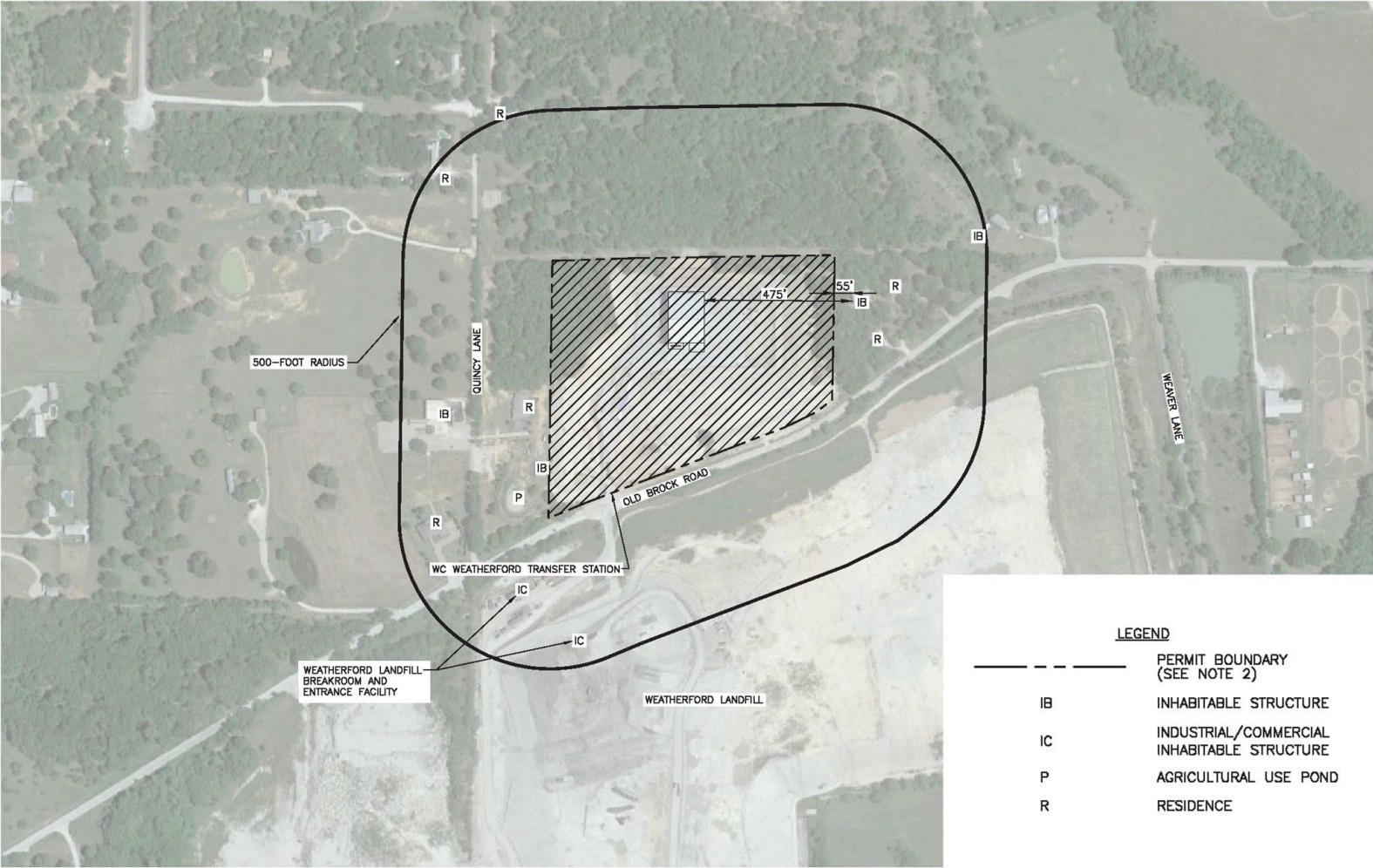
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TRANSFER STATION PROPERTY – AERIAL V



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WASTE CONNECTION
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LEGEND:

- PERMIT BOUNDARY (SEE NOTE 4)
- STATE PLANE GRID (100 FT)
- EXISTING GRADE
- EXISTING FENCE (SEE NOTE 2)
- OPERATIONS AREA FENCE (SEE NOTE 7)
- 50-FOOT BUFFER ZONE
- OPERATIONS AREA FENCING
- 8-FOOT CHAIN LINK FENCING
- ALL-WEATHER SURFACE (E.G., AGGREGATE, ASPHALT, CONCRETE)
- GRAVEL SURFACE
- SITE BENCHMARK
- PUBLIC VEHICLE TRAVEL DIRECTION
- TRANSFER TRAILER TRAVEL DIRECTION
- HAULING VEHICLE TRAVEL DIRECTION

Facilities and Features:

- 10,000 GALLON FIRE PROTECTION TANK WITH FDC
- BUFFER LINE (50 FT FROM PERMIT BOUNDARY)
- PARKING
- SEPTIC TANK AND SPRAY FIELD
- SCREENING BERM
- FACILITY ENTRANCE
- 24-INCH CMP CULVERT
- WC WEATHERFORD TRANSFER-STATION PROPERTY ACCESS
- WEATHERFORD LANDFILL ENTRANCE
- SPILLWAY (GRASS)
- CITIZEN'S DROP-OFF AREA
- TRANSFER STATION TIPPING FLOOR
- FLOOR DRAIN
- FUTURE BREAK ROOM
- CONTAMINATED WATER TANK (SEE NOTE 6)
- SCREENING BERM
- OLD BROCK ROAD
- STORMWATER POND X 1012
- FUTURE VEHICLE STAGING AREA

Topography and Grid:

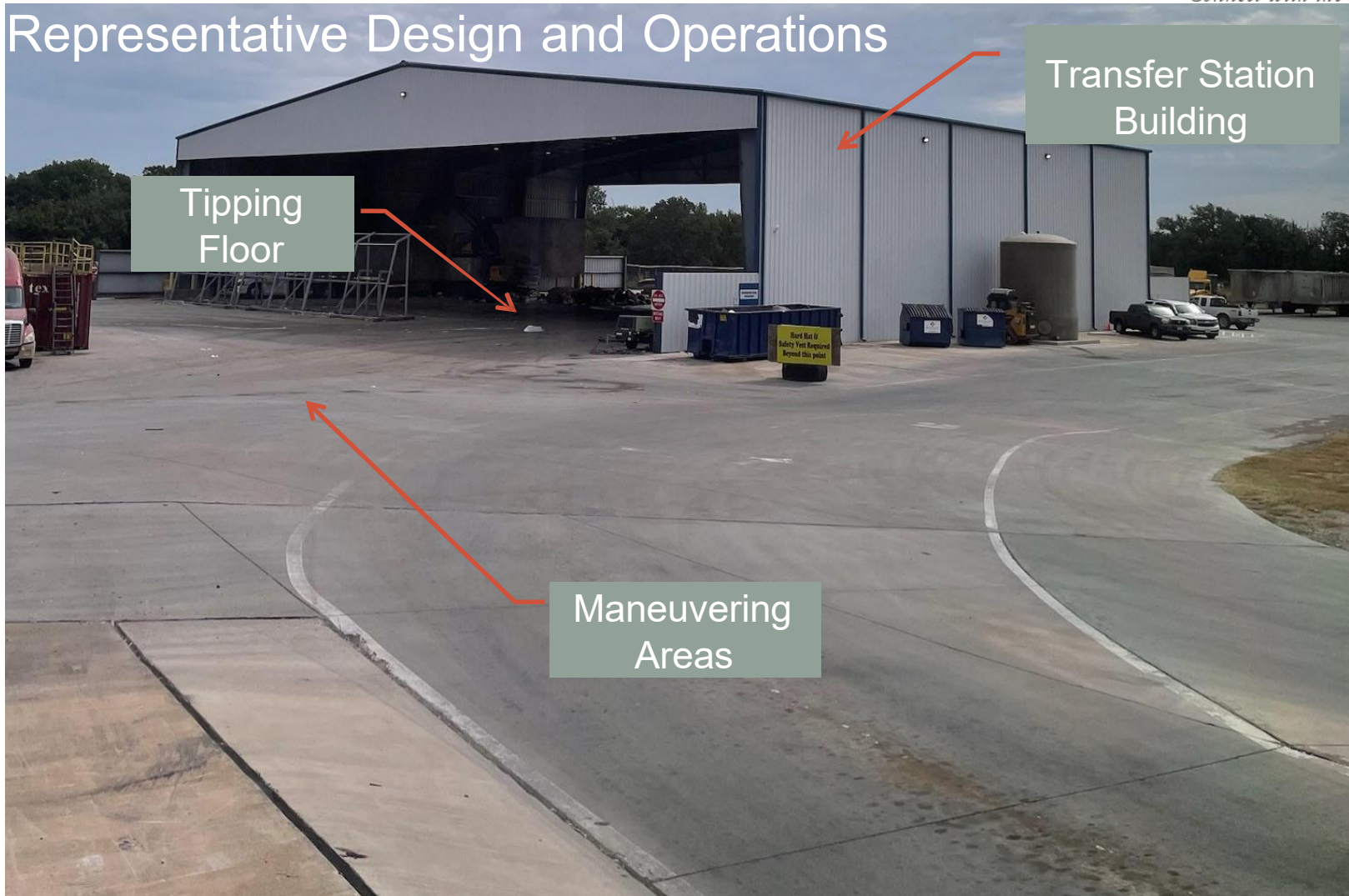
- Grid Lines: E 2164500, E 2165000, E 2165500, E 2166000, E 2166500, E 2167000
- Grid Lines: N 6945400, N 6945500, N 6945600
- Contour Lines: 1030, 1040, 1050

Facility Photographs Example



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Representative Design and Operations



Facility Specifics



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Waste Discharged onto Tipping Floor



Facility Specifics



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Grappler Staging Waste



Facility Specifics



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Grappler Loading Waste Into Trailer



TYPES OF WASTE ACCEPTED



- No changes in the types of waste accepted.
- Currently accepted waste.
 - Municipal Solid Waste from residential, commercial, community, institutional and recreational activities
 - Construction and Demolition Waste
 - Class 2 and Class 3 Industrial Solid Waste (ISW)
 - Special Waste
 - Hazardous Waste, Class 1 ISW, and Liquid Wastes will NOT be accepted

TRANSFER STATION OPERATION



- No changes to the waste processing rate or hours of operation.
- Currently permitted waste processing rate and hours of operation.
 - Maximum Waste Processing Rate of 2,000 Tons/Day
 - Proposed Hours of Operation
 - 5AM to 7PM Monday through Friday
 - 7AM to 12PM Saturday
 - Hours for public disposal will be posted on sign at entrance

TRANSFER STATION IS CONSISTENT NCTCOG REGIONAL PLAN



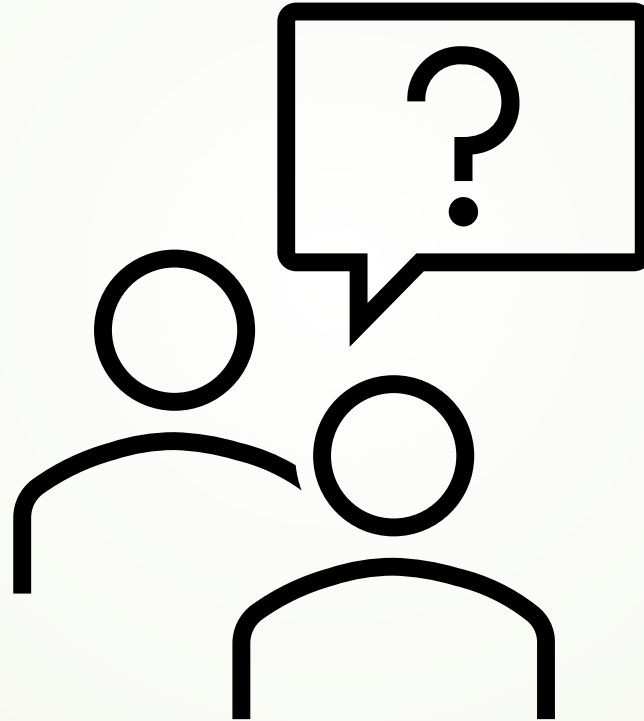
- The permitting and operation of the WC Weatherford Transfer Station is consistent with the NCTCOG Regional Plan that it provides for the continued safe and effective transporting of waste a long distance to a licensed MSW landfill in a cost-effective manner.
- The WC Weatherford Transfer Station currently serve and will continue to serve the needs of the City of Weatherford and surrounding communities for many years into the future in a manner that is protective of the environment.
- Only TS in Parker County.



WASTE CONNECTIONS
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Thank You for This Opportunity to
Present the WC Weatherford
Transfer Station

Q&A For Applicant



Action Item

The Subcommittee will discuss the Transfer Station Permit Application for the WC Weatherford Transfer Station located in Parker County, and vote whether to recommend to the Resource Conservation Council (RCC) that the application conforms to the North Central Texas Regional Solid Waste Management Plan.

Next Steps

The Resource Conservation Council will vote to approve the Subcommittee's conformance recommendation for the two applicants at their next meeting, scheduled for November 18, 2025 (virtual meeting).

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

Next Meeting Date:

To be determined.

Adjournment.

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