Everett Griffith, Jr. & Associates Inc.
ENGINEERS • SURVEYORS

October 21, 2021

Municipal Solid Waste Permits Section (MC-124)
Waste Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Re: R&J Recycling and Disposal Medical Waste Facility
Application for Medical Waste Registration

Dear Sir/Madam,

Please find enclosed herewith an application for the proposed R&J Recycling and Disposal Medical Waste Facility. The proposed facility will be located within the boundaries of the existing R&J Recycling and Disposal Transfer Station in Shelby County, Texas in the city of Center. This application includes one (1) original and two (2) copies of the following items:

- Application for a Medical Waste Registration (TCEQ Form 20789)
- Attachment 1 - General Location Map
  - Attachment 1A - General Location Map (Shelby County, Texas)
  - Attachment 1B - 7.5 minute USGS Map (Center, Texas Quadrangle)
- Attachment 2 - Facility Layout
  - Attachment 2A - Site Layout Plan
  - Attachment 2B - Proposed Medical Waste Building
- Attachment 3 - Land Use Map
  - Attachment 3A - Area within 1 Mile of the Facility
  - Attachment 3B - Area within 500 feet of the Facility
- Attachment 4 - Landowner Map and List
- Attachment 5 - Site Legal Description
- Attachment 6 - Wastewater Discharges
- Attachment 7 - Process Flow Diagram
- Attachment 8 - Procedures for Operating and Testing Equipment
- Attachment 9 - Verification of Legal Status
- Attachment 10 - TxDOT Coordination
- Attachment 11 - FEMA and Wetlands Map
  - Attachment 11A - FEMA Map
  - Attachment 11B - National Wetlands Inventory Map
- Attachment 12 - Council of Governments Coordination Letter
- Attachment 13 - TCEQ Core Data Form
- Attachment 14 - Copy of Check
- Attachment 15 - Zoning Map
- Attachment 16 - Manufacturer Specifications for Waste Management Unit
- Attachment 17 - Other Site Operating Plan, Financial Assurances, and Closure Requirements

408 North Third Street
P.O. Box 1746
Lufkin, Texas 75902-1746
936/634-5528 • FAX # 936/634-7989
admin@everettgriffith.com

Texas Engineering Firm No. F-1156
Texas Surveying Firm No. 10029100

The tables of contents and title pages for the above items have been signed and sealed in accordance with 30 TAC §330.57(g)(2) & (3). In addition, four (4) copies mailing labels for adjacent landowners are also attached herewith.

If you have any questions, comments, or require any additional information regarding this project, please do not hesitate to contact either Bob Staehs, P.E. (Project Manager) or myself at (936) 634-5528.

Sincerely,

Craig Largent

encl.

cc: Stacy Wershing, Owner - R&J Recycling and Disposal

Texas Commission on Environmental Quality

Application for a Medical Waste Registration

R&J Recycling & Disposal Medical Waste Facility

Registration [Number Pending]

Center, Shelby County, Texas

Initial Application Date: October 2021

Application Revision Date: [Not Applicable]

Prepared for

Stacy Wershing (Owner/Operator)

306 FM 2468

Center, Texas 75935

Prepared by

Bob Staehs, P.E.

Everett Griffith, Jr. & Associates, Inc.

Firm No. F-1156

408 North Third Street

Lufkin, Texas 75902

Table of Contents

Section 1—General Information

1.1 Facility Information (must match regulated entity information on Core Data Form)

Facility Name: R&J Recycling And Disposal Transfer Station

Regulated Entity Reference No. (if issued): RN PENDING

Physical or Street Address (if available): 306 FM 2468

City: Center County: Shelby State: TX Zip Code: 75935

(Area Code) Telephone Number: (936)591-9695 Email Address: jirybarren@gmail.com

Latitude (Degrees, Minutes, Seconds, or Decimal Degrees): 31°48'41.32"N (or 31.8115°N)

Longitude (Degree, Minutes, Seconds, or Decimal Degrees): 94°10'35.16"W (or 94.1764°W)

Activities Conducted at the Facility (check all that apply)

☐ Storage ☒ Treatment ☒ Transfer ☐ Other:

Describe the location of the facility with respect to known or easily identifiable landmarks:

The facility located on FM 2468 approximately 830 feet northwest of the intersection of FM 2468 and FM 699 in Shelby County, Texas in the city of Center, Texas

Detail access routes from the nearest United States or state highway to the facility:

The nearest highway is SH 7. From the intersection of SH 7 and Loop 500 located north of the city of Center, go approximately 0.53 miles norhtwest on Loop 500 to FM 699; thence approximately 0.70 miles south on FM 699 to FM 2468; thence approximately 830 feet northwest along FM 2468 to the facility.

1.2 Applicant Information

The owner of a facility is the applicant, to whom the registration would be issued.

Owner of Facility (must match customer information on Core Data Form)

Owner Name: Stacy Wershing

Contact Person's Name: Stacy Wershing Title: Owner

Customer Reference No. (if issued): CN603019555

Mailing Address: P.O. Box 2047

City: Center County: Shelby State: Texas Zip Code: 75935

(Area Code) Telephone Number: (936) 591-9695 Email Address: jirybarren@gmail.com

Operator of Facility (if not the same as Owner of Facility)

Operator Name: Same as Owner

Contact Person's Name: Same as Owner Title: Same as Owner

Customer Reference No. (if issued): CNSame as Owner

Mailing Address: Same as Owner

City: Same as Owner County: Same as Owner State: Zip Code:

(Area Code) Telephone Number: Same as Owner Email Address: Same as Owner

Consultant (if applicable)

Firm Name: Everett Griffith, Jr. & Associates, Inc.

Texas Board of Professional Engineers Firm Registration Number: F-1156

Contact Person's Name: Bob Staehs Title: P.E.

Texas Board of Professional Engineers License Number (if applicable): 72828

Mailing Address: P.O. Box 1746

City: Lufkin County: Angelina State: Texas Zip Code: 75902

(Area Code) Telephone Number: (936) 634-5528 Email Address: bstaehs@everettgriffith.com

1.3 Governmental Entities Information

Texas Department of Transportation

District: Lufkin

District Engineer's Name: Kelly O. Morris, P.E.

Street Address or P.O. Box: 1805 N. Timberland Drive

City: Lufkin County: Angelina State: TX Zip Code: 75901

(Area Code) Telephone Number: (936) 633-4321 Email Address: kelly.morris@txdot.gov

Local Government Authority Responsible for Road Maintenance (if applicable)

Agency Name: TxDOT

Contact Person's Name: Clint Norton (Maintenance Supervisor)

Street Address or P.O. Box: 638 SH 7 E.

City: Center County: Shelby State: TX Zip Code: 75935

(Area Code) Telephone Number: (936) 598-4113 Email Address: clint.norton@txdot.gov

City Mayor

City Name: City of Center, Texas

City Mayor's Name: The Honorable David Chadwick

Mailing Address: 617 Tenaha Street

City: Center County: Shelby State: TX Zip Code: 75935

(Area Code) Telephone Number: (936)598-2941 Email Address: dchadwick@centertexas.org

Council of Governments (COG)

COG Name: Deep East Texas Council of Governments (DETCOG)

COG Representative's Name: Judge Allison Harbison

COG Representative's Title: Shelby County Judge

Street Address or P.O. Box: 210 Premier Dr.

City: Jasper County: Jasper State: TX Zip Code: 75951

(Area Code) Telephone Number: (409) 384-5704 Email Address: lhunt@detcog.org

Local Government Jurisdiction

Is the facility located outside the territorial limits or extraterritorial jurisdiction of a city or town? (30 TAC §326.67(a)) Yes ☐ No ☒

If yes, and county requires a license, you must obtain a license from the county, and the county must send a copy of the license to the appropriate TCEQ regional office.

City Health Authority (if applicable)

Agency Name: N/A

Contact Person's Name: N/A

Street Address or P.O. Box: N/A

City: N/A County: N/A State: TX Zip Code: N/A

(Area Code) Telephone Number: N/A Email Address: N/A

County Judge Information

County Judge's Name: Honorable Allison Harbison

Street Address or P.O. Box: 200 San Augustine Box 6

City: Center County: Shelby State: TX Zip Code: 75935

(Area Code) Telephone Number: 936-598-3863 Email Address: n/a

County Health Authority (if applicable)

Agency Name: Public Health Region 4 and 5 North

Contact Person's Name: Sharon Huff, MD, MS (Regional Director)

Street Address or P.O. Box: 2521 W Front St

City: Tyler County: Smith State: TX Zip Code: 75702

(Area Code) Telephone Number: (903) 533-5264 Email Address: sharon.huff@dshs.texas.gov

State Representative

House District Number: 9

Representative's Name: Chris Paddie

District Office Address: 102 West Houston St.

City: Marshall County: Harrison State: TX Zip Code: 75670

(Area Code) Telephone Number: (903) 935-1141 Email Address:

State Senator

Senate District Number: 3

State Senator's Name: Robert Nichols

District Office Address: 329 Neches Street

City: Jacksonville County: Cherokee State: TX Zip Code: 75766

(Area Code) Telephone Number: (903) 589-3003 Email Address:

1.4 Posting of Application on Website [30 TAC §326.69(e)]

Provide the web address (URL) of the publicly accessible internet website where the application and all revisions will be posted:

http://www.rolloffgarbage.com

1.5 Copy of Application for Public Viewing

Name of the Public Place: Fannie Brown Booth Memorial Library

Physical Address: 619 Tenaha Street

City: Center County: Shelby State: TX Zip Code: 75935

(Area Code) Telephone Number: (936) 598-5522

1.6 Notice of Opportunity to Request Public Meeting

Notice Requirement

The owner or operator is required by 30 TAC §326.73 to provide notice of the opportunity to request a public meeting, and to post notice signs.

Indicate the party responsible for publishing notice:

☒ Applicant (Owner or Operator) ☐ Consultant

1.7 Application Fee [30 TAC §330.59(h)(2)]

The application fee for a registration is $150.

Indicate how the application fee was paid. Attach a photocopy of the check or a copy of the electronic payment receipt.

Check ☒ Online ☐

If paid online, e-Pay confirmation number: N/A

1.8 Facility Supervisor's License [30 TAC §326.71(c)]

Indicate the type of license that the Solid Waste Facility Supervisor (as defined in 30 TAC Chapter 30), will obtain prior to commencing facility operations:

Class A ☐ Class B ☒

Section 2—Facility Design Information

2.1 Impact on Surrounding Area [30 TAC §326.71(a)(5)(A) & (B)]

This section addresses the facility's impacts on cities, communities, groups of property owners, or individuals (attach additional pages to answer the following questions, if necessary):

Describe the character of the surrounding area land uses within one mile of the facility:

The proposed medical waste facility will be located within the boundaries of the existing R&J Recyclying and Disposal Transfer Station. The transfer station is located within the incorporated limits of the city of Center in an area that is zoned for 'Manufacturing'. The properties located to the north and west of the facility are also zoned for manufacturing, while the property immediately south of the site is zoned "General Commercial'. The property immediately to the east of facility is located outside of the city limits and is not zoned; however, it is currently undeveloped and being utilized as pasture.

A total area of approximately 2,280 acres lies within 1 mile of the facility's boundaries. Approximately 1,406 acres (62%) of this area is located within the incorporated limits of the city of Center, Texas. A copy of the 2021 City of Center Zoning Map has been attached with this application; for reference, that map has been modified to include an overlay showing the boundaries of the project site and a 1 mile radius from them. Land use in these areas are assumed to correspond to their current zoning. The remaining 874 acres (38%) of the area within a mile of the facility lies outside of the city limits in the un-incorporated areas of Shelby County, Texas. Land use there is estimated from aerial photographs of the area and on-ground observations.

Based on the above information, the area within 1 mile of the facility's boundaries can generally be broken down into the followng land uses: approximately 12% commercial use; approximately 14% manufacturing; approximately 35% residential areas; approximately 37% undeveloped or agricultural usage; and approximately 2% occupied by water areas (such as ponds). Please refer to the attached land use maps for more information.

Identify growth trends within five miles of the facility with directions of major development:

A review of aerial photos taken over the last two decades shows that the majority of the growth that has occurred within five miles of the facility has taken place within the City of Center. Specifically, the majority of residential and commercial growth in the area has occurred to the southwest of the project site within the City of Center along Hurst Street (Highway 96) in a northwesterly direction from the intersection of Hurst Street with Highway 7. The recent extension of Loop 500 has also spurred limited commercial growth to the east of the project site in a narrow strip along Loop 500 starting at its intersection with Highway 87 and extending north along the loop to its intersection with Highway 7.

The population projections for the City of Center as obtained from the Texas Water Development Board (TWDB) 2021 Regional Water Plan were utilized to get an indication of potential future growth in the area. The TWDB projections expect a population growth of

7.55% over the next decade. Positive population growth is expected through the Year 2070, with the overall growth rate declining from the high of 7.55% to 4.37% in the decade between 2060 and 2070.

Indicate the approximate number of residences and other uses (e.g. schools, churches, cemeteries, historic structures and commercial sites, etc.) within one mile of the facility:

The Environmental Protection Agency's EJScreen website was consulted for information regarding population densities within a one-mile radius of the facility. Based on that information, there are approximately 760 housing units within a mile of the facility and a corresponding population of approximately 1,416 people. EJScreen lists the population density of the area to be 474 people per square mile.

Portions of the City of Center, Texas lie within a 1 mile radius of the facility. As a result, there are numerous commercial establishments within a mile of the facility. Center Middle School is located approximately 0.70 miles southwest of the facility and the Center Special Education campus is located approximately 0.75 miles southwest of the facility. There are several churches located within 1 mile of the facility: Open Door Baptist Church and CME Church Lanetown are located approximately 0.49 miles to the south; Central Baptist Church is located approximately 0.62 miles to the south; Heritage Baptist Church is located approximately 0.79 miles to the southwest; Carroll's Chapel CME Church is located approximately 0.95 miles to the south; New Life Church is located approximately 1.00 mile to the southwest; and First United Methodist Church is located 1.00 mile to the south. There is one known cemetery located approximately 1.0 mile to the south of the facility. There are no known historic structures located within 1.0 mile of the facility.

Indicate the distance to the nearest residence(s): 730 ☒ feet ☐ miles

Provide directions to the nearest residence(s):

The nearest residence is located approximately 730 feet to the northeast of the facility's boundary.

Indicate the distance to the nearest commercial establishment(s): 150 ☒ feet ☐ miles

Provide directions to the nearest commercial establishment(s):

The nearest commercial building is located approximately 150 feet southwest of the facility's boundary.

2.2 Transportation [30 TAC §326.71(e)]

Access Roads

Complete Table 1 regarding the roads that will be used to access the site.

Table 1. Roads That Will be Used to Access the Site.

Name of Road	Surface Type and Number of Lanes
FM 2468 (directly accesses the facility)	Asphalt; Two lanes

Name of Road	Surface Type and Number of Lanes
FM 699 (roadway within 1 mile of the facility)	Asphalt; Two lanes
Loop 500 (major roadway within 1 mile of facility)	Asphalt; Two travel lanes, one turn lane, paved shoulders

Daily Traffic Volume

Complete Table 2 regarding existing and expected volume of vehicular traffic on access roads within one mile of the facility, and the projected volume of traffic expected to be generated by the facility on access roads within one mile of the facility.

Table 2. Traffic Volume.

Vehicle Traffic	Volume (vehicles per day)
Existing Vehicle Traffic	Note: Average. Annual Daily Traffic (AADT) listed below was obtained from TxDOT (2019 District Traffic data) FM 2468 directly accesses the site (1,013 AADT) FM 699: 1,090 AADT (0.58 mi. SE of site) FM 699: 1,769 AADT (0.59 mi. SW of site) Loop 500: 2,690 AADT (1.12 mi. NW of site) Loop 500: 3,142 AADT (1.08 mi. NE of site)
Expected Vehicle Traffic	Based on a growth rate 7.55% for the decade, the following estimates apply to the roadways by the Year 2030: 1,090 AADT for FM 2468; 1,905 AADT for FM 699; and 3,380 AADT for Loop 500
Projected Vehicle Traffic Generated by Facility	Approximately 2 per day at start up. Ultimately 50 per day in the Year 2030 when the maximum of 35 tons/day is expected to be reached

Describe the source of or method used to obtain the volumes (attach additional pages to answer this question if necessary):

The Average. Annual Daily Traffic (AADT) counts were obtained from TxDOT District Traffic Counts. Increase in traffic to the Year 2030 was based on the 7.55% growth projection for the decade as noted in Section 2.1 (above).

If traffic volume was determined by counts in the field, indicate the locations where the counts were conducted (attach additional pages to answer this question if necessary):

Locations of traffic counts are indicated in Table 2 (above)

2.3 Floodplain and Wetlands [30 TAC §326.71(f)]

Will the facility be located within a 100-year floodplain?

Yes ☐ No ☒ Identify the floodplain zone N/A

Attach a copy of the Federal Emergency Management Administration administrator (FEMA) flood map for the area.

If the facility will be within a 100-year floodplain, attach documentation demonstrating that the facility is designed and will be operated in a manner to prevent washout of waste during a 100-year storm event, or that the facility has obtained a conditional letter of map amendment from the FEMA.

Will the facility be located in wetlands?

Yes ☐ No ☒

If yes, attach documentation to the extent required under Clean Water Act, §404 or applicable state wetlands laws.

2.4 Buffer Zones and Easement Protection [30 TAC §326.71(h)(3)]

Is the buffer zone in any location at the facility less than 25 feet wide?

Yes ☐ No ☒

If yes, describe your alternative buffer zone and how it will allow access for emergency response and maintenance (attach additional pages to answer this question if necessary):

N/A

2.5 Waste Management Unit Designs [30 TAC §326.71(i)]

Waste Management Unit Details

List each waste management unit in Table 3. Include attachments documenting manufacturer specifications.

Table 3. Design Details and Manufacturer Specifications for Waste Management Units.

Unit Type	Minimum Number of Units	Design Details	Approximate Dimensions	Approximate Capacity per Unit
AMB Ecosteryl Shredding & Microwave Unit (or equivalent)	1	Moist heat disinfection – shredding and microwave sterilization	40'-0" L 12'-0" W 17'-0" H	660 pounds per 1-hour cycle

Unit Type	Minimum Number of Units	Design Details	Approximate Dimensions	Approximate Capacity per Unit
Roll off container	1	Coverable, typical	22'-11" L 7'-9" W 4'-6" H	20 cubic yards
Contaminated Water Holding Tank	1	Polyethylene, Plastic, Double-walled, Storage Tank	3.5' DIA. 7' L	500 gallons

Foundations and Supports

Provide a generalized description of construction materials for slab and subsurface supports of all storage and processing components (attach additional pages to answer this question if necessary):

Medical waste processing, transfer, and storage will be conducted inside the proposed Medical Waste building at the R&J Recycling and Disposal Transfer Station. The proposed metal building will be equipped with an 8" thick concrete slab. The slab will be capable of supporting the building, processing units, storage units, and all proposed operations. The waste processing units will sit directly on the building foundation.

Contaminated Water Management

Describe how storage and processing areas will be designed to control and contain spills and prevent contaminated water from leaving the facility. For unenclosed containment areas, also account for precipitation from a 25-year, 24-hour storm (attach additional pages to answer this question if necessary):

All medical waste transfer operations and processing will be conducted inside of the proposed Medical Waste building at the existing R&J Recycling and Disposal Transfer Station. The surrounding ground will be contoured to slope away from the building in order to divert runoff away from the facility. The enclosed metal building will be equipped with three 16 feet wide by 16 feet tall roll-up doors that can be closed if needed to shield the entries from windblown rainfall. Each entry will also be equipped with a roll-over curb to prevent any outside runoff from entering the building and to prevent any wash water from flowing out.

The proposed medical waste processing equipment will not generate wastewater. Any free liquids received at the facility shall be packaged with sufficient sorbent material to absorb 100% of the free liquids within the package in accordance with 49 Code of Federal Regulations (CFR) 173.197(c)(2). Therefore, there will be no free liquids generated during potential spills.

The floor of the building will slope toward a central drain to collect any washwater that might occur inside the building and direct it to the oil-sand separator and holding tank. The oil-sand separator and holding tank will be below-ground closed-top tanks with a maximum storage volume of 500 gallons each and will be located outside near the southwest corner of the building. The holding tank will be emptied on an as-needed basis by vacuum truck and the contents hauled by a certified transporter to a TCEQ approved facility for disposal. The holding tank will be of double walled construction which will allow it to provide secondary containment should the primary inner tank be compromised. The tank will be sized so that the double wall structure will provide a minimum of 110% containment around the primary tank, which will be sufficient to control and contain a worst-case spill or release from that unit. In the unlikely event that a breach of both tank walls occurs, the unit will be repaired or replaced and all affected areas will be remediated by removing contaminated soil and transporting it to a TCEQ approved facility for disposal and then replacing it with clean backfill.

Treated waste will be stored in roll-off containers equipped with covers for vector and nuisance odor control and to prevent treated medical waste contact with precipitation and wind. The roll-off containers will be covered when not being actively loaded.

2.6 Treatment Requirements [30 TAC §326.71(j)]

Attach a written procedure for the operation and testing of any equipment used, and for the preparation of any chemicals used in treatment.

Section 3—Facility Closure

3.1 Closure Plan [30 TAC §326.71(k)]

The operator must comply with the closure requirements listed in 30 TAC §326.71(k).

List other activities that the facility will conduct during closure, if any (attach additional pages to answer this question if necessary):

All waste and any recovered materials or residues will be removed from the facility upon closure by the Owner/Operator. The waste processing units will be decontaminated, dismantled, and removed from the site. The equipment and processing areas of the facility will be disenfected. The Owner/Operator will complete closure of the facility within 180 days following the last acceptance of processed or unprocessed materials, unless otherwise directed or approved in writing by the executive director. No later than 90 days prior to the initiation of facility closure, the Owner/Operator will, through a public notice in the newspaper of largest circulation in the vicinity of the facility, provide public notice for final facility closure. The notice will include the name, address, and physical location of the facility; the permit, registration, or notification number, as appropriate, and the number of copies of the approved final closure and post-closure plans for public access and review. The Owner/Operator will also provide written notification to the Executive Director of the intent to close the Facility and will place this notice of intent in the operating record. In addition to notification of the Executive Director, a minimum of one sign will be posted at the main entrance and all other frequently used points of access for the facility, notifying all persons who may utilize the facility of the date of closing for the entire facility and the prohibition against further receipt of waste materials after the stated date. Suitable barriers will be installed at all gates and access points to adequately prevent the unauthorized dumping of waste at the closed facility.Within ten days of completing final closure activities at the facility, the Owner/Operator will submit a certification, signed by an independent licensed professional engineer, verifying that final Facility closure has been completed in accordance with the approved Closure Plan. The owner or operator will submit to the executive director all applicable documentation necessary for certification of final facility closure. Upon final closure of this facility, the Owner/Operator will request a voluntary revocation of the facility registration.

3.2 Closure Cost Estimate [30 TAC §326.71(m)]

Provide itemized closure cost estimates in Table 4. The cost estimates must meet the requirements listed in 30 TAC §326.71(m).

Attach documents detailing any additional unit closure costs not itemized. Enter the total of those additional unit closure costs on line 13 of the closure cost worksheet in Table 4.

Table 4. Closure Cost Estimates Worksheet.

Item No.	Item Description	Unit of Measure-ment	Quantity	Unit Cost	Total Cost
1	Site Evaluation and Engineering Review	NA	1	1000	1000
2	Bid Document and Procurement	NA	1	1200	1200
3	Contract Award and Administration	NA	1	100	100
4	Clean-Up, Removal and Transport of Waste Stored On-Site	NA	1	11250	11250
5	Disposal of Waste at an Authorized Facility	TON	50	30	1500
6	Waste Treatment	TON	50	250	12500
7	Process Units Dismantling	NA	1	5600	5600
8	Wash Down and Disinfection of Facility and Processing Units	NA	1	4335	4335
9	Vector Control	NA	1	120	120
10	Site Security	NA	1	20	20
11	Signs, Newspaper Notice and TCEQ Notice	NA	1	200	200
12	Facility Inspection and Closure Certification by Licensed Engineer	NA	1	500	500
13	Additional Storage and Processing Unit Closure Cost Items (describe in attachments)	Disposal of 500 gallon contaminated water holding tank	NA	NA	325
14	Storage and Processing Unit Closure Costs Subtotal	NA	NA	NA	38650
15	Contingency Cost (15%)	NA	NA	NA	5798
16	Total Closure Cost Estimate	NA	NA	NA	44448

Section 4—Site Operating Plan

4.1 General [30 TAC §326.75(a)]

Provide the function and minimum qualifications for each category of key personnel to be employed at the facility including supervisory personnel in the chain of command (attach additional pages to answer this question if necessary):

Supervisor - The proposed medical waste facility will be located at the existing R&J Recycling and Disposal Transfer Station and will be overseen by the Transfer Station's existing supervisor. The Supervisor is licensed in accordance with Chapter 30, Subchapters A and F and holds and maintains a MSW Supervisor Occupational license Grade B or above. He is directly responsible to the facility's owner and oversees daily work operations, equipment maintenance and repair, and personnel safety.

Equipment Operator - The Equipment Operator will be stationed at the proposed Medical Waste building. The Operator is responsible for operating the facility in compliance with the Site Operating Plan. His duties include controlling access to the facility, screening incoming medical waste, operating the processing equipment, record keeping, managing waste flow, and general housekeeping. The minimum qualification for Waste Handlers is general facility and regulatory knowledge.

Describe the procedures that the operating personnel will follow for the detection and prevention regarding the receipt of prohibited wastes, including random inspections of packaging of incoming loads, records, and training (attach additional pages to answer this question if necessary):

A variety of procedures will be utilized to detect prohibited wastes and prevent their reception at the facility. These procedures include: (1) Random inspections of incoming loads; (2) Establishing contracts with customers that specifically detail allowable wastes versus those that are prohibited; (3) Record and manifest inspections; (4) Training personnel to recognize prohibited waste and informing facility customers of prohibited wastes.

Facility personnel will also inform waste transportation drivers of facility requirements and screening for prohibited wastes. This information may also be posted on facility signs or provided as a written list to customers and drivers.

If facility personnel identify prohibited waste (or portions of prohibited waste) within a collection vehicle, that vehicle (or portions of waste within that vehicle) will be rejected and immediately sent back to the waste generator.

4.2 Waste Acceptance [30 TAC §326.75(b)]

Describe all sources and characteristics of medical wastes to be received for storage and processing or disposal (attach additional pages to answer this question if necessary):

The proposed facility will accept, store, and process medical waste as defined in §326.3(23), trace chemotherapeutic waste, non-hazardous pharmaceutical waste, and other healthcare-related items that have come into contact with medical waste. Regulated hazardous wastes and regulated radioactive will not be accepted or processed at the Facility. Untreated waste in storage for 72 hours or more will be transported off-site to an authorized facility for treatment. Acceptable medical waste will generally originate from health care institutions, hospitals, physician's offices, clinics, labs, and veterinary facilities. All medical waste will be transported by either the owner or operator or other properly registered haulers. Waste received at the facility will be accompanied by an approved manifest identifying the generator, address of origin, and number of containers. Medical waste (including trace chemotherapeutic waste, non-hazardous pharmaceutical waste, and sharps) will be stored and processed as a single waste stream.

Trained personnel will inspect each load of incoming waste to prevent prohibited wastes from being accepted at the facility. If unacceptable wastes are identified during inspection they will be refused and returned to their place of origin for proper handling.

There are no waste constituents or characteristics that could be a limiting parameter that may impact or influence the design and operation of this Facility; thus, no parameter limitations are specified herein.

Additionally, the owner/operator may allow small quantity generators (SQGs) [generators of less than 50 pounds of untreated medical waste per month] to transport sharps, sharps containers, and medical waste to the facility for treatment and disposal after acknowledging and signing an owner/operator-provided form listing all accepted and prohibited wastes of the Facility. This waste stream will be screened and accepted or rejected as described above. Facility personnel will ensure that loading and storage areas are secure from inadvertent human exposure.

Describe the sources and characteristics of recyclable materials, if applicable, to be received for storage and processing (attach additional pages to answer this question if necessary):

Not applicable

Maximum amount of waste to be received daily: 35 ☐ pounds/day ☒ tons /day

Maximum amount of waste to be stored at any point in time: 50 ☐ pounds ☒ tons

Maximum length of time waste is to remain at the facility: 30 ☐ hours ☒ days

Specify the maximum time that unprocessed and processed wastes will be allowed to remain on-site:

Processed: 7 ☐ hours ☒ days

Unprocessed: 72 ☒ hours ☐ days

Identify the intended disposition of processed and unprocessed waste received at the facility (attach additional pages to answer this question if necessary):

Treated waste will be sent to a TCEQ approved municipal solid waste landfill for disposal. Untreated medical waste will be managed in accordance with 25 TAC Subchapter K and applicable sections found in 30 TAC Chapter 326.

4.3 Generated Waste [30 TAC §326.75(c)]

Describe how all liquids and solid waste resulting from the facility operations will be disposed of in a manner that will not cause surface water and groundwater pollution (attach additional pages to answer this question if necessary):

All wash water will be directed into an on-site oil/sand separator and contaminated water holding tank located adjacent to the R&J Recycling and Disposal Medical Waste Facility building. The holding tank will be emptied on an as needed basis by vacuum truck and then transported by an authorized transporter to a TCEQ-authorized facility for final disposal. No wastewaters will be discharged from this facility. Management of wastewater will be in accordance with local, state, and federal requirements.

All processed waste will be stored on-site in roll off containers with covers prior to its transport to and final disposal at a TCEQ approved facility. All necessary authorizations and approvals will be obtained and retained within the operating record at the site and a copy will be provided to the TCEQ. All solid waste resulting from the operation of the facility will be disposed of in a manner that will not cause surface water or groundwater pollution. All solid waste generated by the Facility will be processed and disposed at an authorized solid waste management facility.

4.4 Access Control [30 TAC §326.75(g)]

Describe how public access to the facility will be controlled (attach additional pages to answer this question if necessary):

The proposed R&J Recycling and Disposal Medical Facility will be located within the proposed Medical Waste Building located within the boundaries of the existing R&J Recycling and Disposal Transfer Station. The transfer station itself is currently enclosed by a six-feet tall intruder-resistant chain link fence. Access to the transfer station is via two driveways from FM 2468 and these entrances will are equipped with gates. The gates are monitored during facility operations to prevent unauthorized vehicles, pedestrian traffic, and livestock from accessing the facility. The gates will are locked on nights, holidays, or any other time the facility will be unattended by R&J Recycling and Disposal personnel. Facility personnel

inspect the integrity of the fences, gates, and locks on a daily basis on the days when the facility is in operation. Any access control breaches will be repaired as needed.

The proposed Medical Waste Buildinghas will have personnel doors and bay doors which will be closed and locked when not in use. An attendant shall be on-site during operating hours and when waste is being loaded or unloaded to or from vehicles. Waste storage units (roll off containers) will be located within the R&J Recycling and Disposal Transfer Station's perimeter fencing.

Describe how access roads and parking areas will be maintained to control dust and prevent mud from being track off-site (attach additional pages to answer this question if necessary):

The proposed R&J Recycling and Disposal Medical Waste Facility will be located within the boundaries of the existing R&J Recycling and Disposal Transfer Station. The transfer station is currently equipped with all weather drives and parking areas that eliminate dust and mud from being tracked to and from the facility. Similarly, access to the facility is via FM 2468, which is paved with asphalt and will not create a dust issue. As such, dust from on-site and other access roadways is not expected to become a nuisance to surrounding areas. However, in the unlikely event that a problem does arise, water will be used to control windblown dust. Within the Facility boundary, a standard garden hose connected to an on-site water spigot may be sufficient to apply water.

Regrading, repair, and maintenance of the internal roadway will be conducted by R&J Recycling and Disposal on an as-needed basis to eliminate or minimize depressions, ruts, and potholes. Maintenance of FM 2468 will be performed by the Texas Department of Transportation (TxDOT).

Access to the facility will be controlled by a perimeter fence, with lockable gates. Identify or describe the type of fence that will be installed at the facility:

☐ A four-foot-high barbed wire fence;

☒ A six-foot-high chain-link fence; or

☐ Other:

4.5 Operating Hours [(30 TAC §326.75(i)]

Provide the operating hours of the facility; ***include justification for hours outside of 7:00 a.m. to 7:00 p.m., Monday through Friday***:

The proposed R&J Recycling and Disposal Medical Waste Facility will be located within the boundaries of the existing R&J Recycling and Disposal Transfer Station. The permitted hours for the Transfer Station are continuous (i.e. operating 24-hours a day, 7 days a week). As such, the Medical Waste Facility's operating hours should match the operating hours previously approved by the TCEQ for the Transfer Station.

List the alternative operating hours, if any, of up to five days in a calendar-year period:

n/a

Section 5—Other Site Operating Plan, Financial Assurance, and Closure Requirements

Attach additional pages describing how the facility will comply with the following requirements.

- 30 TAC §326.75(d), Storage
- 30 TAC §326.75(e), Recordkeeping and Reporting
- 30 TAC §326.75(f), Fire protection Plan
- 30 TAC §326.75(g)(2), Access Roads, Vehicle Parking, and Safety Measures
- 30 TAC §326.75(g), Access Control
- 30 TAC §326.75(h), Unloading of Waste
- 30 TAC §326.75(i)(3), Recording of Applicable Alternative Hours (if used)
- 30 TAC §326.75(j), Signs at Facility Entrances
- 30 TAC §326.75(k), Control of Windblown Material and Litter
- 30 TAC §326.75(l), Facility Access Roads
- 30 TAC §326.75(m), Noise Pollution and Visual Screening
- 30 TAC §326.75(n), Overloading and Breakdown
- 30 TAC §326.75(o), Sanitation
- 30 TAC §326.75(p), Ventilation and Air Pollution Control
- 30 TAC §326.75(q), Health and Safety
- 30 TAC 326.75(r), Disposal of Treated Medical Waste (if applicable)
- 30 TAC §326.71(n); Financial Assurance
- 30 TAC §326.71(l)(1); provide notice for final facility closure and information for the public and executive director no later than 90 days prior to initiating final closure.
- 30 TAC §326.71(l)(2); install signs and barriers upon notification of final closure to the executive director.
- 30 TAC §326.71(l)(3); provide certification of closure, and a request for voluntary revocation of facility registration within 10 days after completion of final closure of the facility.

Section 6—Applicant Certification and Signature

The applicant is the person or entity who would be the owner of the facility and in whose name the registration would be issued. If the application is signed by an authorized representative for the applicant, the applicant must complete the delegation of signature authority.

Certification by Applicant or Authorized Signatory [30 TAC §305.44]

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of applicant, or other person authorized to sign: Stacy Wershing

Title of person signing: Owner

Signature: Stacy Wershing Date: 10-05-21

Notarization

SUBSCRIBED AND SWORN to before me by the said Stacy Wershing

On this 5th day of October 2021,

My commission expires on the 7th day of November 2021

Jo Lynn Fountain

Notary Public in and for

Shelby County, Texas

JO LYNN FOUNTAIN
Notary Public, State of Texas
Comm. Expires 11-07-2024
Notary ID 13089218-6

Applicant's Delegation of Signature Authority [30 TAC §305.43]

I hereby delegate the person named below as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and appear for me at any hearing or before the Commission in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative in support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.

Name of applicant's representative: N/A

Name of person who is the applicant, or officer or official representing corporation or public agency that is the applicant: N/A

Signature: N/A Date: N/A

Notarization

SUBSCRIBED AND SWORN to before me by the said N/A

On this N/A day of N/A,

My commission expires on the N/A day of N/A, N/A.

N/A
Notary Public in and for

N/A County, Texas

Section 7—Property Owner Affidavit

Affidavit [30 TAC §326.71(b)]

This section must be completed by the owner of the property on which the facility would be located.

I am the owner of the land on which the proposed facility would be located. I acknowledge that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure of the facility. I further acknowledge that the facility owner or operator and the State of Texas shall have access to the property during the active life and after closure for the purpose of inspection and maintenance.

Property owner name: Stacy Wershing

Signature: Stacy Wershing Date: 10-05-21

Notarization

SUBSCRIBED AND SWORN to before me by the said Stacy Wershing

On this 5th day of October 2021.

My commission expires on the 7th day of November, 2021.

Jo Lynn Fountain

Notary Public in and for

Shelby County, Texas

JO LYNN FOUNTAIN
Notary Public, State of Texas
Comm. Expires 11-07-2024
Notary ID 13089218-6

Attachments

Table Att-1. Required Attachments

Attachments	Attachment No.
General Location Map	1
Facility Access Map	2
Facility Layout Map	2
Land Use Map	3
Land Ownership Map	4
Land Ownership List	4
Land Ownership Hard Copy and Electronic Mailing List or Mailing Labels	Attached
Metes and Bounds Drawing and Description	5
Copy of Authorization to Discharge Wastewater to a Treatment Facility	6
Process Flow Diagrams and Narrative	7
Procedures for Operation and Testing of Treatment Equipment, if applicable	8
Procedures for Preparation of any Chemical used in Treatment, if applicable	n/a
Verification of Legal Status	9
Texas Department of Transportation Coordination Letters	10
Entity Exercising Maintenance Responsibility of Public Roadway, if applicable	10
FEMA Map	11
☐Facility Design Demonstration for Flood Management, or ☐ Conditional Letter of Map Amendment from FEMA, if applicable	n/a
Wetland Documentation, if applicable	n/a
Council of Governments Review Request Coordination Letters	12

Table Att-2. Additional Attachments; check all that apply.

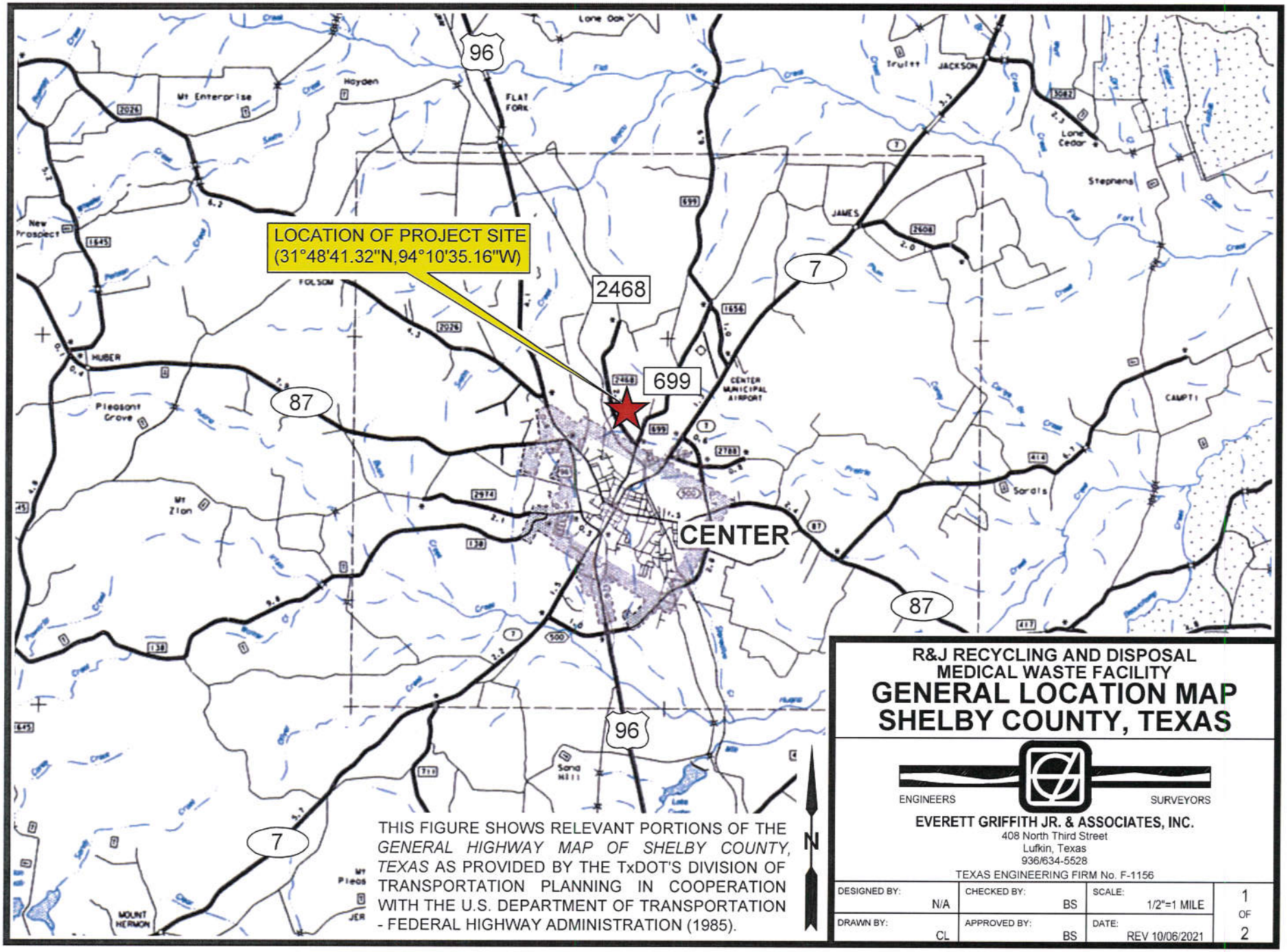
Attachments	Attachment No.
☒ TCEQ Core Data Form(s)	13
☒ Fee Receipt or copy of check	14
☒ Published Zoning Map	15
☐ Delegation of Signatory Authority	n/a
☒ Manufacturer Specifications for Waste Management Units	16
☒ Additional Storage and Processing Unit Closure Cost Items	17
☐ Confidential Documents	n/a

ATTACHMENT 1

GENERAL LOCATION MAP

ATTACHMENT 1A

GENERAL LOCATION MAP (SHELBY COUNTY, TEXAS)



THIS FIGURE SHOWS RELEVANT PORTIONS OF THE *GENERAL HIGHWAY MAP OF SHELBY COUNTY, TEXAS* AS PROVIDED BY THE TxDOT'S DIVISION OF TRANSPORTATION PLANNING IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL HIGHWAY ADMINISTRATION (1985).

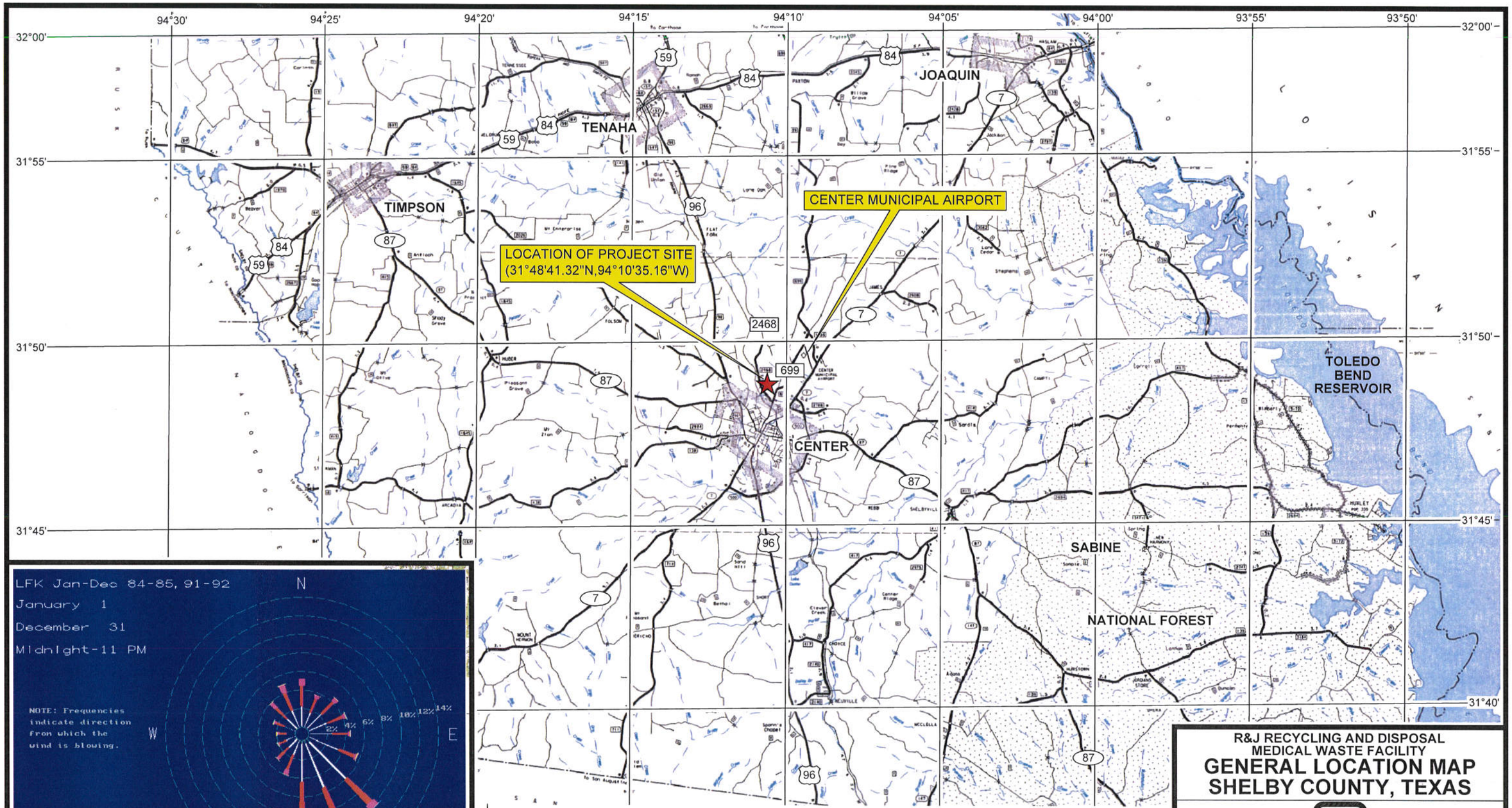
R&J RECYCLING AND DISPOSAL
MEDICAL WASTE FACILITY

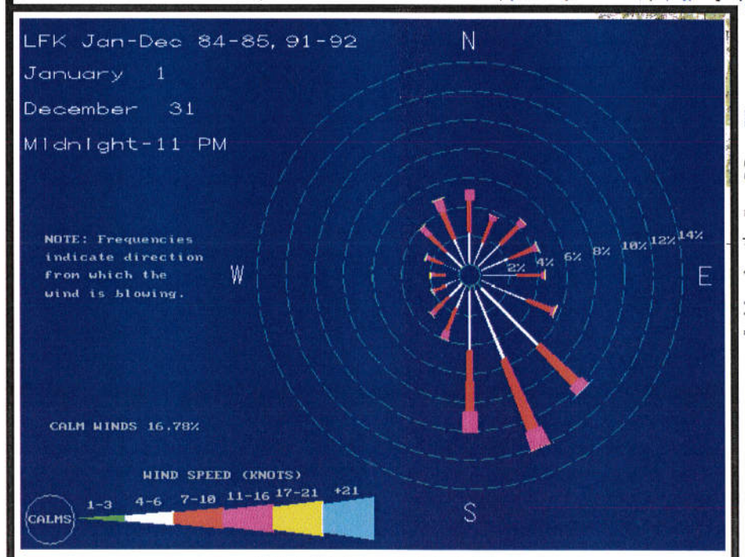
GENERAL LOCATION MAP
SHELBY COUNTY, TEXAS

ENGINEERS SURVEYORS

EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	
N/A	BS	1/2"=1 MILE	1
DRAWN BY:	APPROVED BY:	DATE:	OF
CL	BS	REV 10/06/2021	2





WIND ROSE

THE ABOVE FIGURE SHOWS RELEVANT PORTIONS OF THE *GENERAL HIGHWAY MAP OF SHELBY COUNTY, TEXAS* AS PROVIDED BY THE TEXAS DEPARTMENT OF TRANSPORTATION'S DIVISION OF TRANSPORTATION PLANNING IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL HIGHWAY ADMINISTRATION (1985).

THE WINDROSE WAS OBTAINED FROM THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY'S AIR QUALITY WEBSITE. THE WINDROSE IS FOR THE ANGELINA COUNTY AIRPORT (LOCATED APPROXIMATELY 56 MILES TO THE SOUTHWEST OF THE PROJECT SITE) WHICH WAS THE NEAREST FACILITY FOR WHICH A WINDROSE WAS AVAILABLE.

R&J RECYCLING AND DISPOSAL
MEDICAL WASTE FACILITY

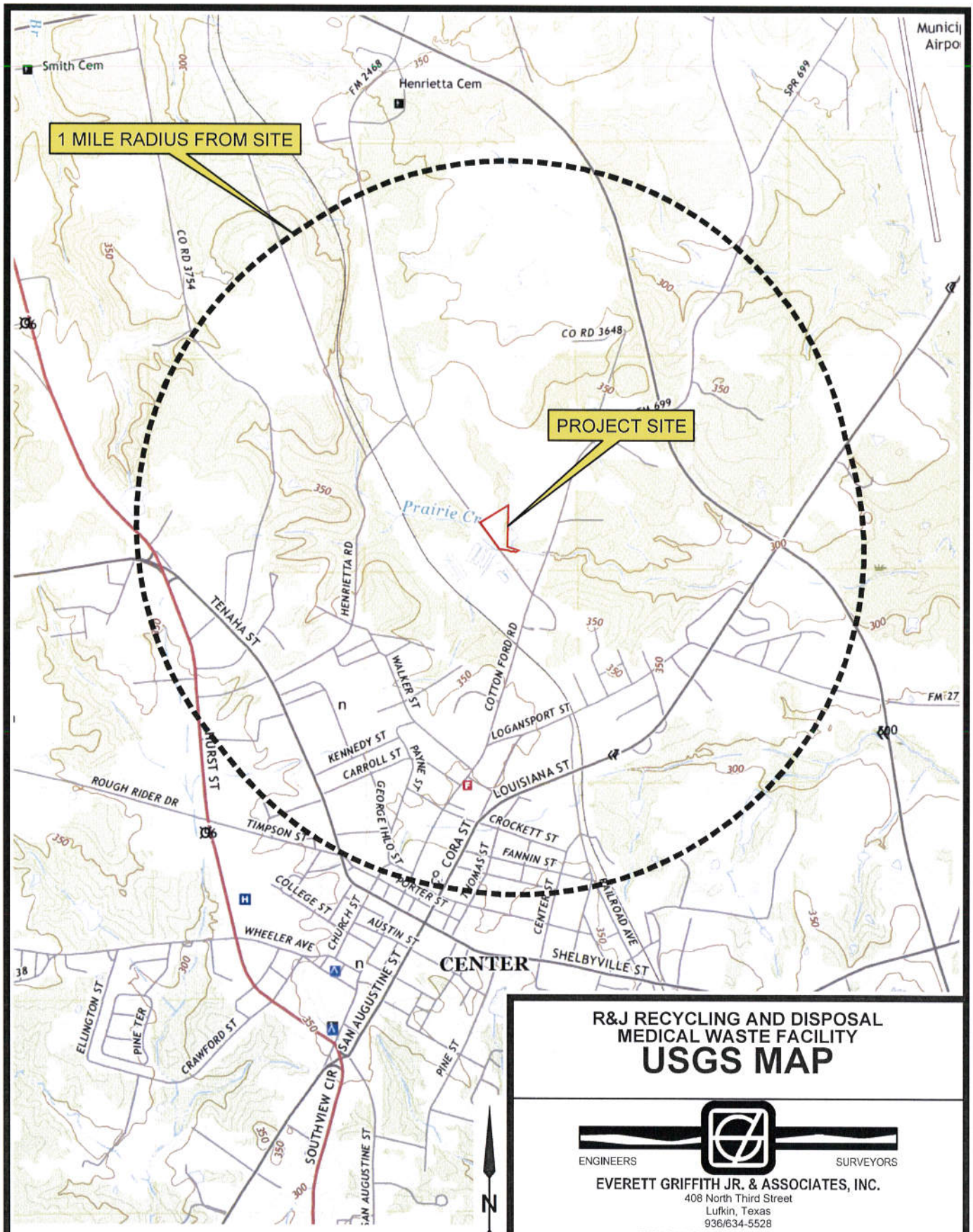
GENERAL LOCATION MAP
SHELBY COUNTY, TEXAS

ENGINEERS SURVEYORS
EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	2
N/A	BS	1"=3 MILES	OF
DRAWN BY:	APPROVED BY:	DATE:	2
TCL	BS	REV 10/06/2021	

ATTACHMENT 1B

GENERAL LOCATION MAP (USGS MAP - CENTER QUADRANGLE)



NOTE: THIS FIGURE SHOWS RELEVANT PORTIONS OF THE 7.5 MINUTE USGS MAP OF THE *CENTER, TEXAS* QUADRANGLE.

R&J RECYCLING AND DISPOSAL MEDICAL WASTE FACILITY
USGS MAP

ENGINEERS SURVEYORS

EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	
BS	BS	1"=2000'	1 OF 1
DRAWN BY:	APPROVED BY:	DATE:	
TCL	BS	10/06/2021	

ATTACHMENT 2

FACILITY LAYOUT MAP

ATTACHMENT 2A

FACILITY LAYOUT (SITE LAYOUT PLAN)

NOTE: THE PROPOSED R&J RECYCLING AND DISPOSAL MEDICAL WASTE FACILITY WILL BE LOCATED WITHIN THE BOUNDARIES OF THE EXISTING R&J RECYCLING AND DISPOSAL TRANSFER STATION. THE PROPOSED MEDICAL WASTE BUILDING IS INDICATED WITH RED HATCHING. ACCESS TO THE SITE WILL BE VIA FM 2468, A TWO LANE ASPHALT ROADWAY MAINTAINED BY TXDOT.

SITE BOUNDARY
drain
50 FT BUFFER ZONE FOR EXISTING TRANSFER BUILDING
EXISTING OIL/SAND SEPARATOR AND HOLDING TANK
EXISTING LOADING DOCK
EXISTING TRANSFER BUILDING
EXISTING RECYCLING AREA
EXISTING 15'x50' CONCRETE RAMP
SITE BOUNDARY
EXISTING FLEXIBLE BASE (6" SOIL CEMENT WITH 8" LIMESTONE BASE)
EXISTING FENCE
SITE BOUNDARY
LAT: 31°48'40.70"
LONG: 94°10'34.46"
PROPOSED 25 FT BUFFER ZONE
PROPOSED CONCRETE APRON
PROPOSED MEDICAL WASTE BUILDING (60'x80')
EXISTING FENCE
EXISTING OFFICE
EXISTING SCALE
PROPOSED OIL/SAND SEPARATOR AND HOLDING TANK
EXISTING 30 FT WIDE DRIVEWAY AND GATE
EXISTING 30 FT WIDE DRIVEWAY AND GATE
EXISTING COVERED BIN STORAGE
drain
drain
drain
asphalt edge (typ)
F.M. HIGHWAY NO. 2468
(centerline)
asphalt edge (typ)
BOX CULVERT
SITE BOUNDARY
EXISTING SANITARY SEWER LINE (CITY OF CENTER, 8" CLAY)
EXISTING WATER LINE (CITY OF CENTER)

N

60 0 60
SCALE – FEET

STATE OF TEXAS
ROBERT STAEHS
72828
REGISTERED PROFESSIONAL ENGINEER
10/21/21

R&J RECYCLING AND DISPOSAL MEDICAL WASTE FACILITY

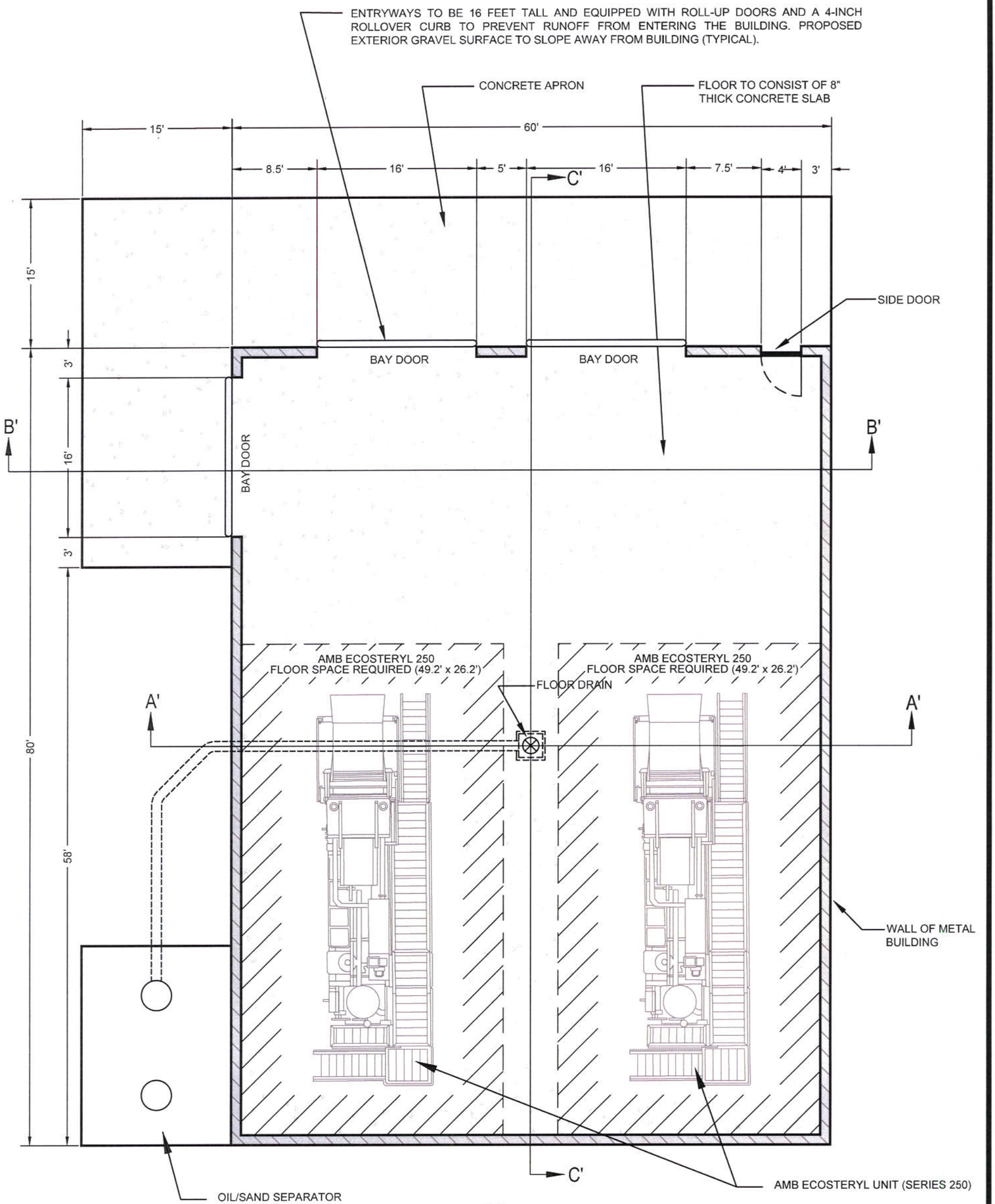
FACILITY LAYOUT (MEDICAL WASTE BUILDING)

ENGINEERS SURVEYORS
EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	
BS	BS	1"=60'	1
DRAWN BY:	APPROVED BY:	DATE:	OF
FJA	BS	10/21/2021	1

ATTACHMENT 2B

FACILITY LAYOUT (PROPOSED MEDICAL WASTE BUILDING)



NOTE: THE PROPOSED METAL BUILDING WILL HAVE A MINIMUM INTERIOR HEIGHT OF 25 FEET AND BE EQUIPPED WITH AN 8 INCH THICK CONCRETE SLAB.

10 5 0 10

SCALE – FEET

N

STATE OF TEXAS
ROBERT L. STAEHS
72828
REGISTERED
PROFESSIONAL
10/21/21

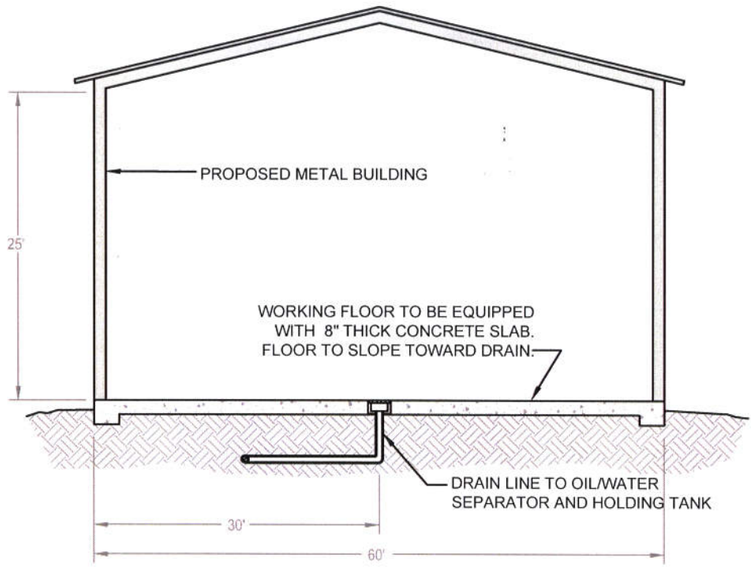
R&J RECYCLING AND DISPOSAL
MEDICAL WASTE FACILITY

PROPOSED MEDICAL WASTE BUILDING LAYOUT

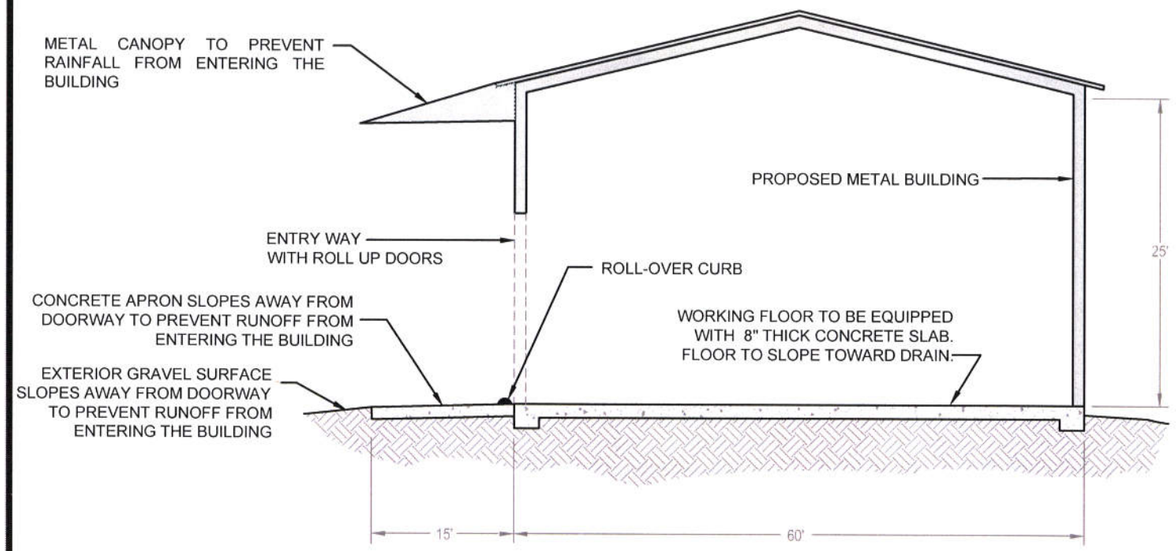
ENGINEERS SURVEYORS

EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

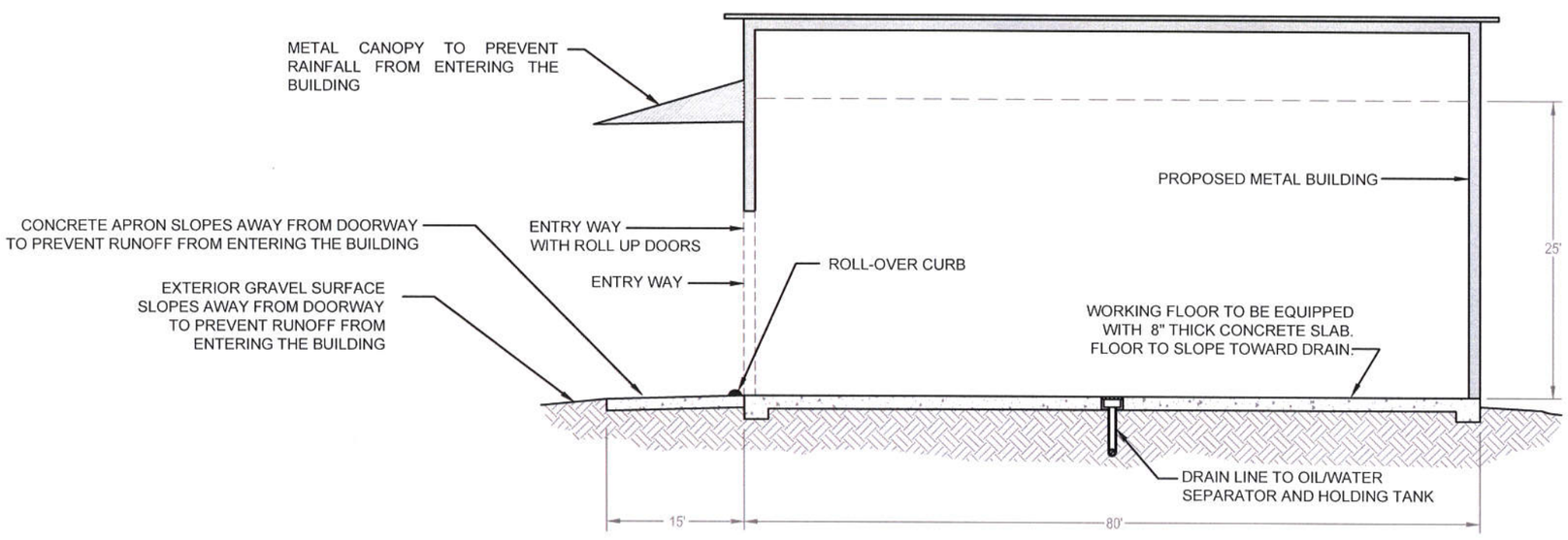
DESIGNED BY:	CHECKED BY:	SCALE:	1
BS	BS	1"=10'	OF
DRAWN BY:	APPROVED BY:	DATE:	2
TCL	BS	10/21/2021	



TRANSFER BUILDING: SECTION A-A' SCALE: NTS



TRANSFER BUILDING: SECTION B-B' SCALE: NTS



TRANSFER BUILDING: SECTION C-C' SCALE: NTS

STATE OF TEXAS
ROBERT J. STAEHS
72828
REGISTERED
PROFESSIONAL ENGINEER
10/21/21

R&J RECYCLING AND DISPOSAL
MEDICAL WASTE FACILITY
BUILDING SECTIONS (PROFILE VIEWS)

ENGINEERS SURVEYORS
EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

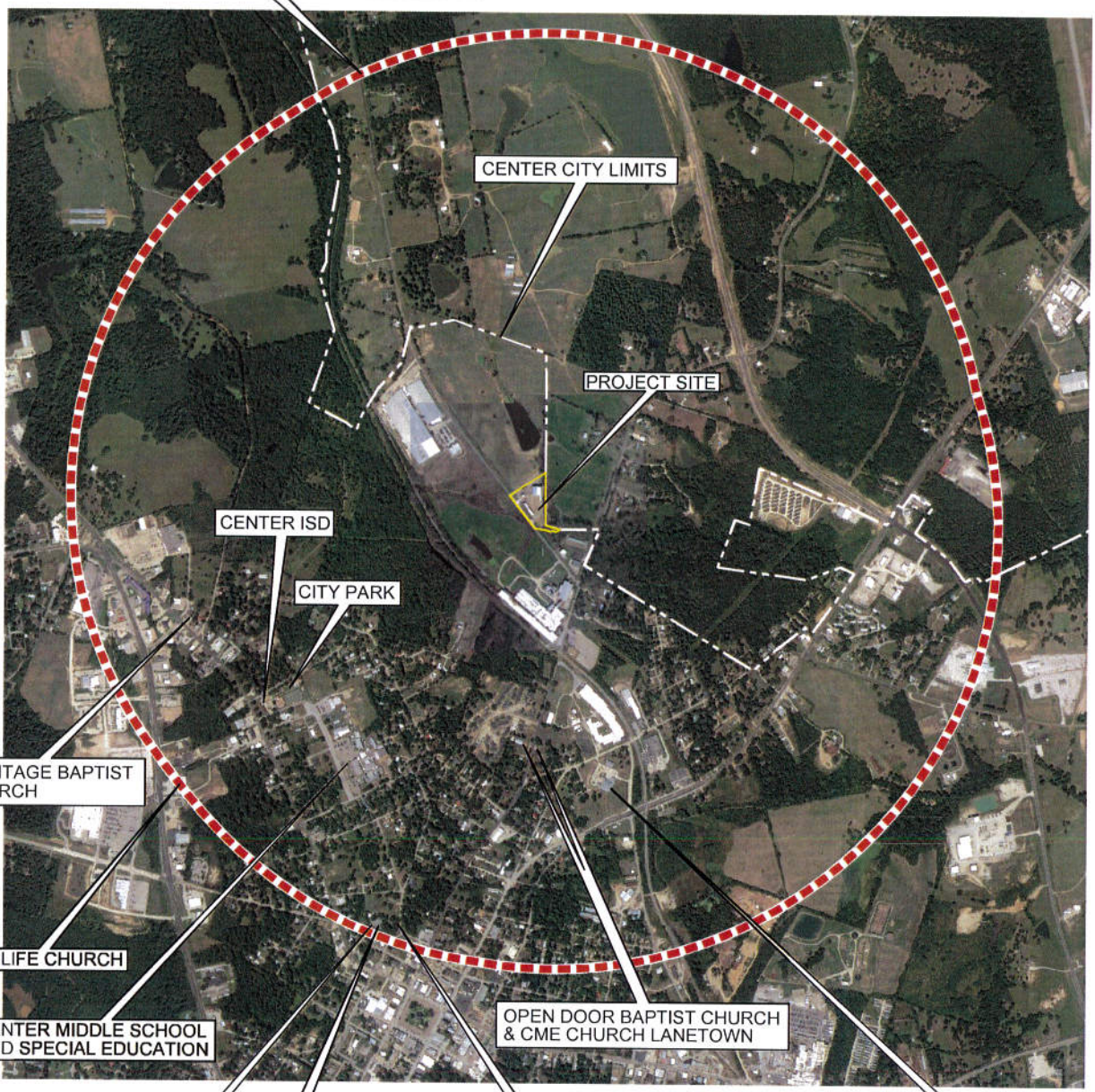
DESIGNED BY:	CHECKED BY:	SCALE:	2
BS	BS	NONE	OF
DRAWN BY:	APPROVED BY:	DATE:	2
FJA	BS	10/21/2021	

ATTACHMENT 3

LAND USE MAP

ATTACHMENT 3A

LAND USE MAP
(AREA WITHIN 1 MILE OF THE FACILITY)



R&J RECYCLING AND DISPOSAL MEDICAL WASTE FACILITY

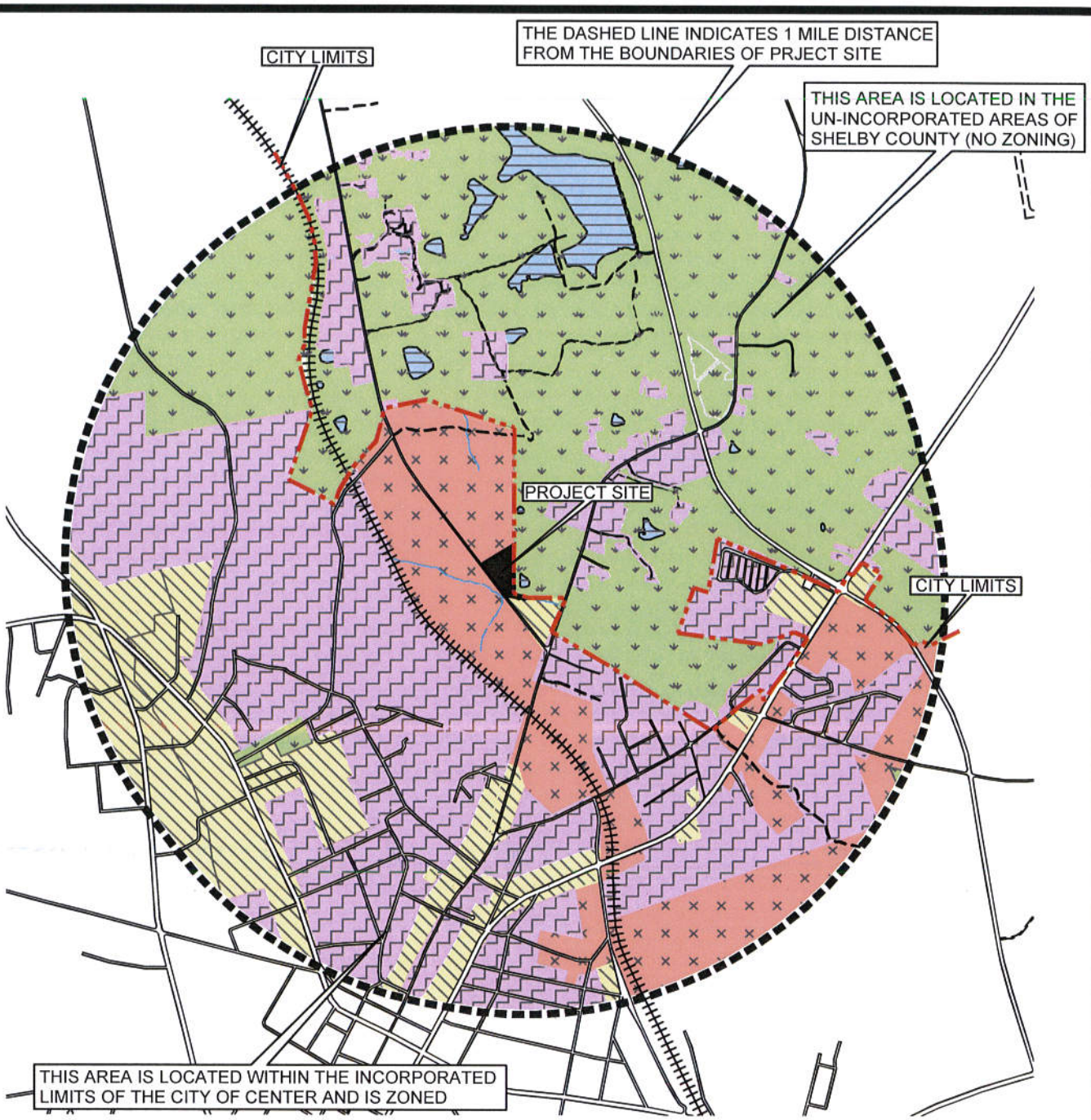
AERIAL PHOTOGRAPH SHOWING 1 MILE RADIUS

N

ENGINEERS SURVEYORS

EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	
BS	BS	1"=2000'	1 OF 2
DRAWN BY:	APPROVED BY:	DATE:	
TCL	BS	10/05/2021	



NOTE: APPROXIMATELY 62% OF THE AREA WITHIN A MILE OF THE FACILITY IS LOCATED WITHIN THE INCORPORATED LIMITS OF THE CITY OF CENTER. THE EXISTING ZONING WAS UTILIZED TO CHARACTERIZE THOSE AREAS WITH "RESIDENTIAL" INCLUDING AREAS ZONED MULTI-FAMILY, SINGLE FAMILY 1 & 2, AND MANUFACTURED HOME PARKS 1 & 2; "COMMERCIAL" INCLUDING AREAS ZONED COMMERCIAL 1 & 2; AND "UNDEVELOPED" INCLUDES AREAS ZONED AGRICULTURAL AND DEVELOPMENT AGREEMENT. THE LAND USE IN THE UN-INCORPORATED AREAS OF SHELBY COUNTY ARE ESTIMATED FROM AERIAL PHOTOS.

MAP KEY

- COMMERCIAL AREAS
- UNDEVELOPED/ AGRICULTURAL
- MANUFACTURING AREAS
- SURFACE WATER AREAS
- RESIDENTIAL AREAS

N

R&J RECYCLING AND DISPOSAL
MEDICAL WASTE FACILITY

EXISTING LAND USE WITHIN 1 MILE RADIUS

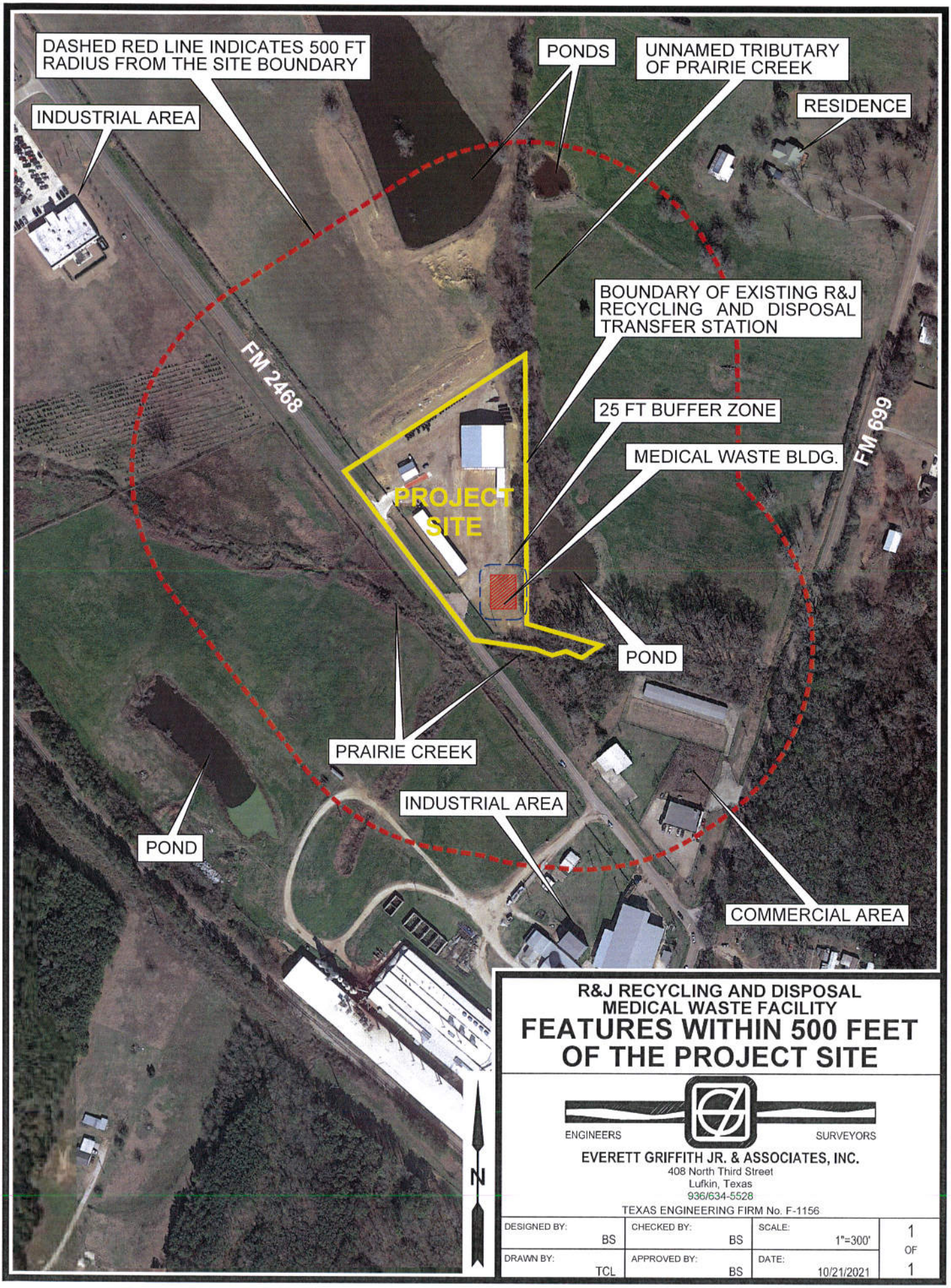
ENGINEERS SURVEYORS

EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	2
BS	BS	1"=2000'	OF
DRAWN BY:	APPROVED BY:	DATE:	2
TCL	BS	10/06/2021	

ATTACHMENT 3B

LAND USE MAP
(AREA WITHIN 500 FT OF THE FACILITY)



R&J RECYCLING AND DISPOSAL
MEDICAL WASTE FACILITY

FEATURES WITHIN 500 FEET OF THE PROJECT SITE

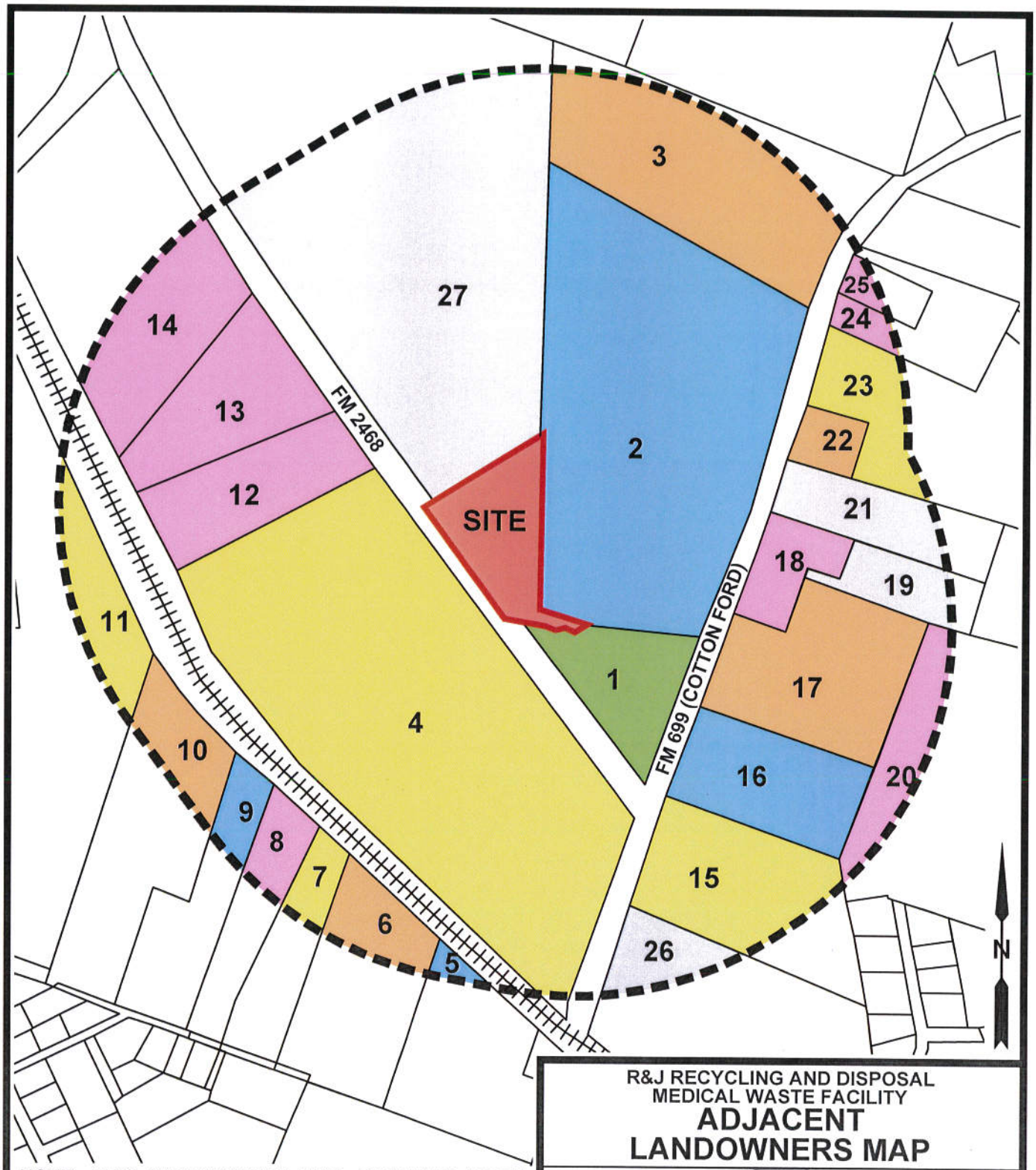
ENGINEERS SURVEYORS

EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	
BS	BS	1"=300'	1
DRAWN BY:	APPROVED BY:	DATE:	OF
TCL	BS	10/21/2021	1

ATTACHMENT 4

LAND OWNER MAP AND LIST



NOTE: THIS INFORMATION WAS OBTAINED FROM THE SHELBY COUNTY APPRAISAL DISTRICT IN OCTOBER 2021. THE DASHED LINE INDICATES A QUARTER MILE DISTANCE FROM THE BOUNDARIES OF THE PROJECT SITE. ALL LAND OWNERS WITHIN THIS QUARTER MILE HAVE BEEN NUMERICALLY CROSS REFERENCED TO THE ADJACENT LANDOWNER NAMES AND ADDRESSES ON THE ATTACHED SHEET.

R&J RECYCLING AND DISPOSAL MEDICAL WASTE FACILITY
ADJACENT LANDOWNERS MAP

ENGINEERS SURVEYORS
EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	
BS	BS	1"=500'	1
DRAWN BY:	APPROVED BY:	DATE:	OF
FA/CL	BS	10/05/2021	1

R&J RECYCLING AND DISPOSAL MEDICAL WASTE FACILITY
ADJACENT LANDOWNERS LIST - NAMES AND ADDRESSES

The information below was obtained from the Shelby County Appraisal District in October 2021. The following list contains the names and addresses of all landowners with a quarter mile radius of the R&J Recycling and Disposal Transfer Station's boundaries. This list has been numerically cross referenced with the attached Adjacent Landowners Map. Please note that no mineral interest ownerships were listed for these properties on the Shelby County Appraisal District website.

1 Kenneth Campbell Sr.
P.O. Box 1588
Center, Texas 75935-1588

2 Fairy Graves
445 FM 699
Center, Texas 75935

3 Billy D Rodgers
P.O. Box 1228
Center, Texas 75935

4 Kaspar Kids Joint
Venture Center Property LLC
1565 State Highway 95 N
Yoakum, Texas 77995

5 Mat L Peace
c/o Cheryl Peace Speedy
P.O. Box 1842
Center, Texas 75935

6 Gilbert Estate Wheeler
P.O. Box 169
Center, Texas 75935

7 Antonio and Rosa Diaz
3505 CR 1490
Center, Texas 75935

8 Martin Marfelia Diaz
P.O. Box 1046
Center, Texas 75935

9 Juan Diaz
P.O. Box 1872
Center, Texas 75935

10 Cathryn E Hall
9020 FM 1459
Sweeny, Texas 77480

11 T & C Management LLC
616 Tenaha Street
Center, Texas 75935

12, 13, 14 Port-a-Cool LLC
P.O. Box 2167
Center, Texas 75935

15 Jason Wells
6712 US Highway 96 South
Center, Texas 75935-7258

16 Bonnie Franz ET AL
5547 North 1000th St.
Paris, Illinois 61944

17 Troy Jay Lawler
108 Landmark Inn Court
Georgetown, Texas 78633

18 Brian J. Lee
348 FM 699
Center, Texas 75935

19, 21 Benny Joe Smith
348 FM 699
Center, Texas 75935

20 Shaquandrick D Lister
2641 Jacobson Dr.
Lewisville, Texas 75067

22 James E. Hughes
388 FM 699
Center, Texas 75935

23 Duke Ruth Weatherford
450 FM 699
Center, Texas 75935

24, 25 Eddie J. Chisenhall
494 FM 699
Center, Texas 75935

26 S2 Enterprise of Tx LLC
220 Tenaha St
Center, Texas 75935

27 Portacool LLC
711 FM 2468
Center, Texas 75935-1588

ATTACHMENT 5

SITE LEGAL DESCRIPTION

R & J RECYCLING
BILLY D. RODGERS
4.11 ACRE TRACT
N. SMITH SURVEY, ABSTRACT NO. 644
SHELBY COUNTY, TEXAS

BEING all that certain tract or parcel of land lying and situated in Shelby County, Texas, out of the N. SMITH SURVEY, ABSTRACT NO. 644 and being a part or portion of that certain 74.36 acre tract described in a deed from Helen Rodgers to Billy D. Rodgers dated June 15, 1998 and recorded in Volume 840 on Page 585 of the Deed Records of Shelby County, Texas, to which reference is hereby made for any and all purposes and the said tract or parcel being described by metes and bounds as follows, to wit:

BEGINNING at an interior ell corner of the aforesaid referred to 74.36 acre tract and the Southwest corner of that certain 25 acre tract described in a deed from Jerry W. Warren et ux to Fairy Graves et ux dated September 17, 1976 and recorded in Volume 523 on Page 567 of the Deed Records of Shelby County, Texas, a 3/4" pipe found for corner;

THENCE S 73° 07' 13" E with a North boundary line of the said 74.36 acre tract and the South boundary line of the said 25 acre tract, at 165.16 feet pass on line a ½" pipe set for reference, at 180.16 feet an angle corner of that certain 4.578 acre tract described in a deed from Citizens Bank to Kenneth Campbell, Sr., Trustee of the Kenneth Campbell, Sr. Family Trust dated April 18, 2012 and recorded in Document No. 2012-002446 of the Deed Records of Shelby County, Texas, a point for corner in the centerline of a branch;

THENCE nine calls severing the said 74.36 acre tract, with the North boundary line of the said 4.578 acre tract and with the centerline of the said branch as follows:

(1) S 43° 03' 16" W, at 27.57 feet a point for corner;

(2) S 64° 26' 54" W, at 20.29 feet a point for corner;

(3) N 61° 00' 28" W, at 33.09 feet a point for corner;

(4) S 75° 36' 53" W, at 48.42 feet a point for corner;

(5) N 79° 13' 30" W, at 45.80 feet a point for corner;

(6) N 79° 17' 44" W, at 63.66 feet a point for corner;

(7) N 73° 51' 53" W, at 25.34 feet a point for corner;

(8) N 72° 49' 43" W, at 31.82 feet a point for corner;

(9) N 81° 19' 12" W, at 23.90 feet the Northwest corner of the said 4.578 acre tract in the Southwest boundary line of the said 74.36 acre tract and the centerline of F.M. Highway No. 2468 (100 feet wide right-of-way), a pk nail set for corner;

THENCE N 36° 50' 03" W with the Southwest boundary line of the said 74.36 acre tract and the centerline of F.M. Highway No. 2468, at 500.00 feet a pk nail set for corner;

THENCE N 57° 42' 43" E severing the said 74.36 acre tract, at 50.16 feet pass on line a ½" pipe set for reference, at 509.24 feet intersect the Northernmost East boundary line of the said 74.36 acre tract and the West boundary line of the said 25 acre tract, a ½" pipe set for corner;

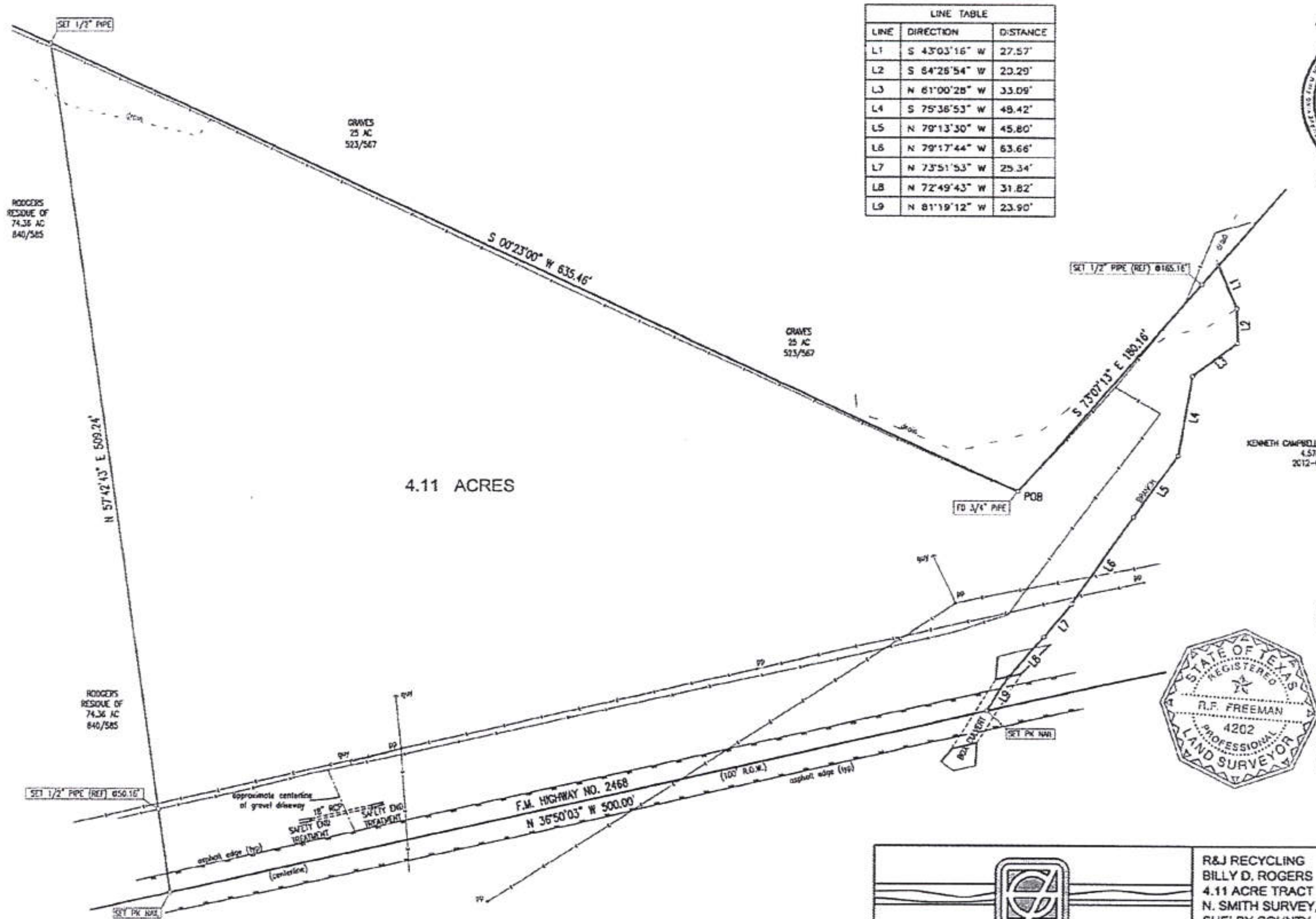
THENCE S 00° 23' 00" W with the Northernmost East boundary line of the said 74.36 acre tract and the West boundary line of the said 25 acre tract, at 635.46 feet the point and place of beginning and containing 4.11 acres of land, more or less.

Basis of Bearings: The Northernmost East boundary line of that certain 74.36 acre tract described in a deed from Helen Rodgers to Billy D. Rodgers dated June 15, 1998 and recorded in Volume 840 on Page 585 of the Deed Records of Shelby County, Texas - (Deed call of N 00° 23' E 1605.97 feet - found 3/4" pipe and fence corner 1605.14 feet apart).

EVERETT GRIFFITH, JR. & ASSOCIATES, INC.
Engineering and Surveying

R.F. (Rick) Freeman (signature in blue ink)
Registered Professional Land Surveyor No. 4202
Texas Surveying Firm No. 10029100
408 North Third Street
Lufkin, Texas 75901
(936) 634-5528
August 24, 2018

SEE ATTACHED PLAT



LINE TABLE		
LINE	DIRECTION	DISTANCE
L1	S 43°03'16" W	27.57'
L2	S 64°28'54" W	23.29'
L3	N 61°00'28" W	33.09'
L4	S 75°38'53" W	48.42'
L5	N 79°13'30" W	45.80'
L6	N 79°17'44" W	63.66'
L7	N 73°51'53" W	25.34'
L8	N 72°49'43" W	31.82'
L9	N 81°19'12" W	23.90'

EVERETT GRIFFITH, JR. & ASSOCIATES, INC.
Engineering and Surveying

R.F. (Rick) Freeman (Signature in blue ink)
Registered Professional Land Surveyor No. 4202
Texas Surveying Firm No. 10029100
408 North Third Street
Lufkin, Texas 75901
(936) 634-5528
August 24, 2018

STATE OF TEXAS REGISTERED R.F. FREEMAN 4202 PROFESSIONAL LAND SURVEYOR

SEE ATTACHED FIELDNOTES

ENGINEERS - SURVEYORS
Everett Griffith, Jr. & Associates Inc.
408 NORTH THIRD STREET
LUFKIN, TEXAS, 75901
936-634-5528
TEXAS ENGINEERING FIRM NO. F-1156
TEXAS SURVEYING FIRM NO. 10029100

R&J RECYCLING
BILLY D. ROGERS
4.11 ACRE TRACT
N. SMITH SURVEY, ABSTRACT NO. 644
SHELBY COUNTY, TEXAS

Drw. By: T.AVERETT/F.FRANCISCO	Calculated By: R.F. FREEMAN	Scale: 1"=60'
Des. By: F.FRANCISCO J/ FRANCISCO	Checked By: R.F. FREEMAN	Job. No. 3868600
Surveyed By: ~DA ARDS	Draft Date: 09-05-18	Fieldbook No: MC 18-2-71
		Save Name: R&J RECYCLING.PLAT

BASIS OF BEARINGS:
THE NORTHERNMOST EAST BOUNDARY LINE OF THAT CERTAIN 74.36 ACRE TRACT DESCRIBED IN A DEED FROM HELEN RODGERS TO BILLY D. RODGERS DATED JUNE 15, 1956 AND RECORDED IN VOLUME 840 ON PAGE 585 OF THE DEED RECORDS OF SHELBY COUNTY, TEXAS - (DEED CALL OF N 00° 23' E 1605.97 FEET - FOUND 3/4" PIPE AND FENCE CORNER 1505.14 FEET APART).

ATTACHMENT 6

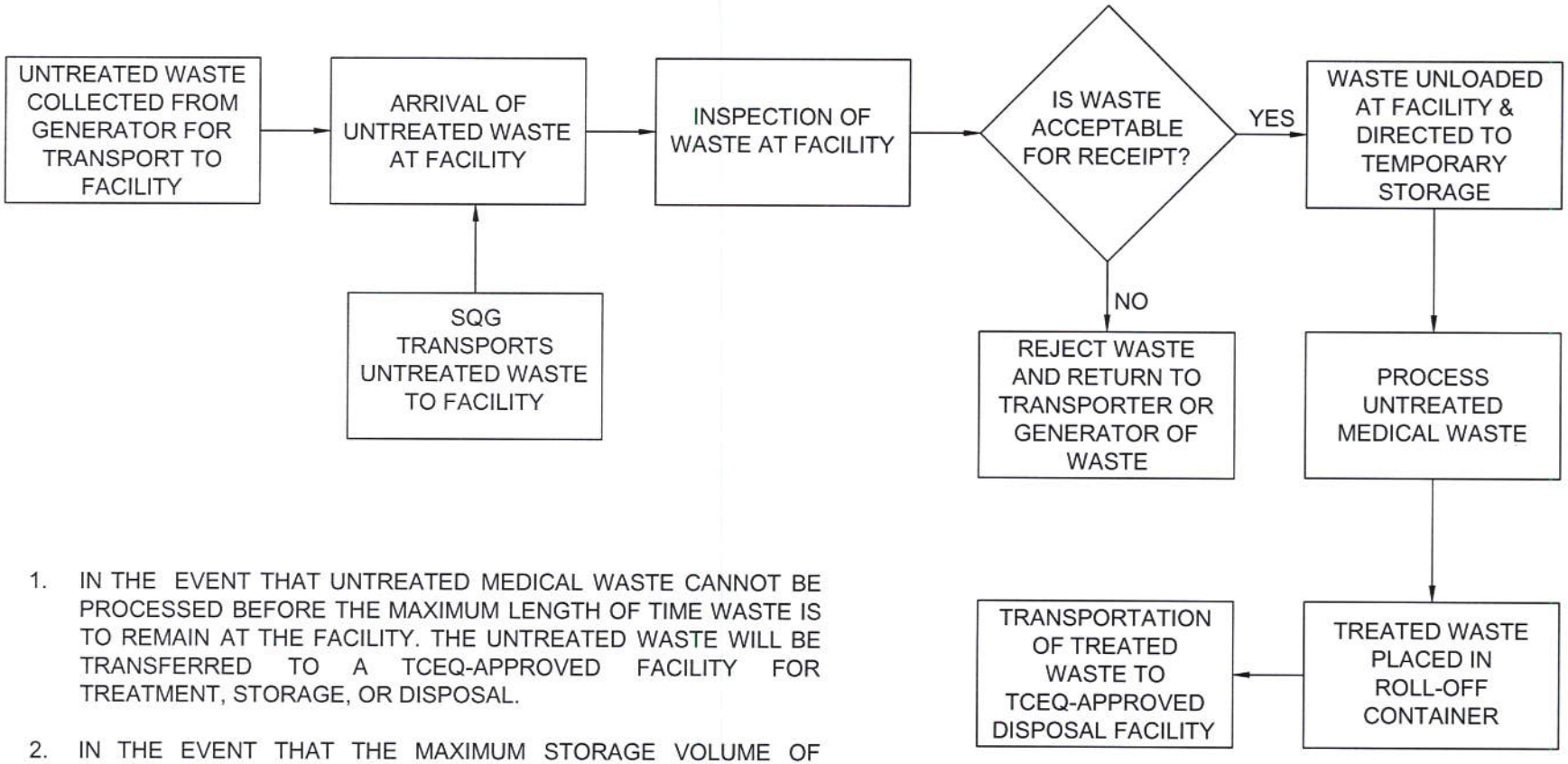
WASTEWATER DISCHARGES

ATTACHMENT 6
WASTEWATER DISCHARGES

All wastewater generated at the R&J Recycling and Disposal Medical Waste Facility will be contained on site and transported off site for disposal at a TCEQ approved facility.

ATTACHMENT 7

PROCESS FLOW DIAGRAM



1. IN THE EVENT THAT UNTREATED MEDICAL WASTE CANNOT BE PROCESSED BEFORE THE MAXIMUM LENGTH OF TIME WASTE IS TO REMAIN AT THE FACILITY. THE UNTREATED WASTE WILL BE TRANSFERRED TO A TCEQ-APPROVED FACILITY FOR TREATMENT, STORAGE, OR DISPOSAL.

2. IN THE EVENT THAT THE MAXIMUM STORAGE VOLUME OF UNTREATED MEDICAL WASTE IS EXCEEDED. THE EXCESS UNTREATED WASTE WILL BE DIVERTED/TRANSFERRED TO A TCEQ-APPROVED FACILITY FOR TREATMENT, STORAGE, OR DISPOSAL

3. WASTE MAY ARRIVE AT FACILITY BY A TCEQ-REGISTERED TRANSPORTER OR BY A SMALL QUANTITY GENERATOR (SQG) [GENERATOR OF LESS THAN 50 POUNDS OF UNTREATED MEDICAL WASTE PER MONTH] AS EXEMPTED PER 30 TEXAS ADMINISTRATIVE CODE 326.31 (b)

4. "WASTE" INCLUDES MEDICAL WASTE AS DEFINED IN 30 TAC 326.3(23), TRACE CHEMOTHERAPEUTICAL WASTE, AND NON-HAZARDOUS PHARMACEUTICAL WASTE.

R&J RECYCLING AND DISPOSAL MEDICAL WASTE FACILITY

PROCESS FLOW DIAGRAM

ENGINEERS SURVEYORS

EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	
N/A	BS	N/A	1 OF 1
DRAWN BY:	APPROVED BY:	DATE:	
FJA	BS	REV 10/06/2021	

ATTACHMENT 8

PROCEDURES FOR OPERATING AND TESTING OF TREATMENT EQUIPMENT

ATTACHMENT 8

PROCEDURES FOR OPERATING AND TESTING TREATMENT EQUIPMENT

The R&J Recycling and Disposal Medical Waste Facility will treat medical waste in accordance with the provisions of Title 25 Texas Administrative Code (TAC) 1.136 using moist heat disinfection as defined in 25 TAC §1.132(39). The medical waste will be treated to at least the minimum parametric standards of moist heat disinfection according to 25 TAC §1.133 (relating to Scope, Covering Exceptions and Minimum Parametric Standards for Waste Treatment Technologies Previously Approved by the Texas Department of Health). All treated waste will be managed as municipal solid waste and will be transported to and disposed of at a TCEQ permitted landfill or disposal facility in accordance with 30 TAC §326.75(r) and 25 TAC §1.136.

8.1 PROCEDURES FOR MOIST HEAT DISINFECTION - Procedures for waste treatment by moist heat disinfection are summarized below. Please refer to Attachment 16 for a more detailed description of the equipment.

1. Untreated medical waste is loaded into carts manufactured for the specific processing unit.
2. The equipment settings are set to the processing requirements (as described in 25 TAC §1.133).
3. After equipment settings have been entered, the carts are automatically raised to the level of the hopper and tipped for the waste to enter the processing system.
4. Once the waste is in the system, the waste is pre-shredded before decontamination is performed via microwave action and prolonged heating by electrical resistances.
5. Upon treatment cycle completion, the treated waste is placed in carts via screw conveyor.
6. The carts containing treated waste will be emptied into roll-off containers before the treated waste is transported to and disposed of at a TCEQ permitted landfill or disposal facility in accordance with 30 TAC §326.75(r) and 25 TAC §1.136.

8.2 TESTING PROCEDURES

8.2.1 DEMONSTRATION OF MINIMUM FOUR LOG TEN REDUCTION - The operator shall demonstrate a minimum four log ten reduction as defined in 25 TAC §1.132 (relating to definitions) on routine performance testing using appropriate Bacillus species biological indicators (as defined in 25 TAC §1.132).

8.2.2 WEEKLY TESTING - The operator shall conduction weekly testing.

8.2.3 MINIMUM PARAMETRIC STANDARD COMPLIANCE - Moist heat disinfection will be the sole treatment method at the facility. In accordance with 25 TAC §1.133(b)(3), the untreated waste will be subjected to shredding before moist heat treatment assisted by microwave radiation. The shredded waste will reach a temperature of at least 95° Celsius (203°F) under atomospheric pressure for at least 30 minutes. The processing equipment will be operated according to the manufacturer's instructions. The operator will maintain records of operating parameters and reagent strength for three years.

8.2.4 QUALITY CONTROL (SINGLE USE UNITS) - Single use, disposable treatment units will not be stored, processed, or disposed of at this facility.

8.3 POTABLE WATER CONTAMINATION PREVENTION - 30 TAC §326.74(j)(5) requires that operators of medical waste equipment use backflow preventers on any potable water connections to prevent contamination of water supplies. All connections to a potable water supply will be equipped with

backflow preventers at this facility.

8.4 MEDICAL WASTE INCINERATORS - Incinerators will not be utilized at this facility.

8.5 ALTERNATE TREATMENT TECHNOLOGIES - Alternative treatment technologies will not be utilized at this facility.

ATTACHMENT 9

VERIFICATION OF LEGAL STATUS

ATTACHMENT 9
VERIFICATION OF LEGAL STATUS

Not applicable. The R&J Recycling and Disposal Medical Waste Facility will be owned and operated by Stacy Wershing, in sole proprietorship.

ATTACHMENT 10

TxDOT COORDINATION

Fw: R&J Transfer Station

clargent@everet.../Inbox

Bob Staehs <bstaehs@everettgriffith.com>
To: clargent@everettgriffith.com <clargent@everettgriffith.com>

Oct 13 at 9:23 AM

See attached.

---- Forwarded Message ----
From: Michael Parrish <michael.parrish@txdot.gov>
To: bstaehs@everettgriffith.com <bstaehs@everettgriffith.com>
Cc: rjrecycling@yahoo.com <rjrecycling@yahoo.com>
Sent: Wednesday, October 13, 2021, 08:44:51 AM CDT
Subject: RE: R&J Transfer Station

TxDot has reviewed this and does not have any objections to this request.

From: Clint Norton <Clint.Norton@txdot.gov>
Sent: Thursday, October 07, 2021 4:17 PM
To: Michael Parrish <Michael.Parrish@txdot.gov>
Subject: FW: R&J Transfer Station

Contact Bob and coordinate with him on this please

From: Bob Staehs <bstaehs@everettgriffith.com>
Sent: Thursday, October 7, 2021 11:30 AM
To: Roland Marshall <Roland.Marshall@txdot.gov>; Clint Norton <Clint.Norton@txdot.gov>; Stacy Wershing <rjrecycling@yahoo.com>
Subject: R&J Transfer Station

Roland:

We worked together on a driveway permit for the above referenced facility on FM 2468 about 2 years ago. R&J is in the process of adding a medical waste transfer facility on the same site. This facility will not require any additional entrances and will only generate 2 cargo vans a day.

As a requirement to obtain a permit from the State, we need documentation of contact with TxDOT. Could you please respond to this email relating to TxDOT's stance to this proposed added facility.

Thank you for your cooperation in this matter.

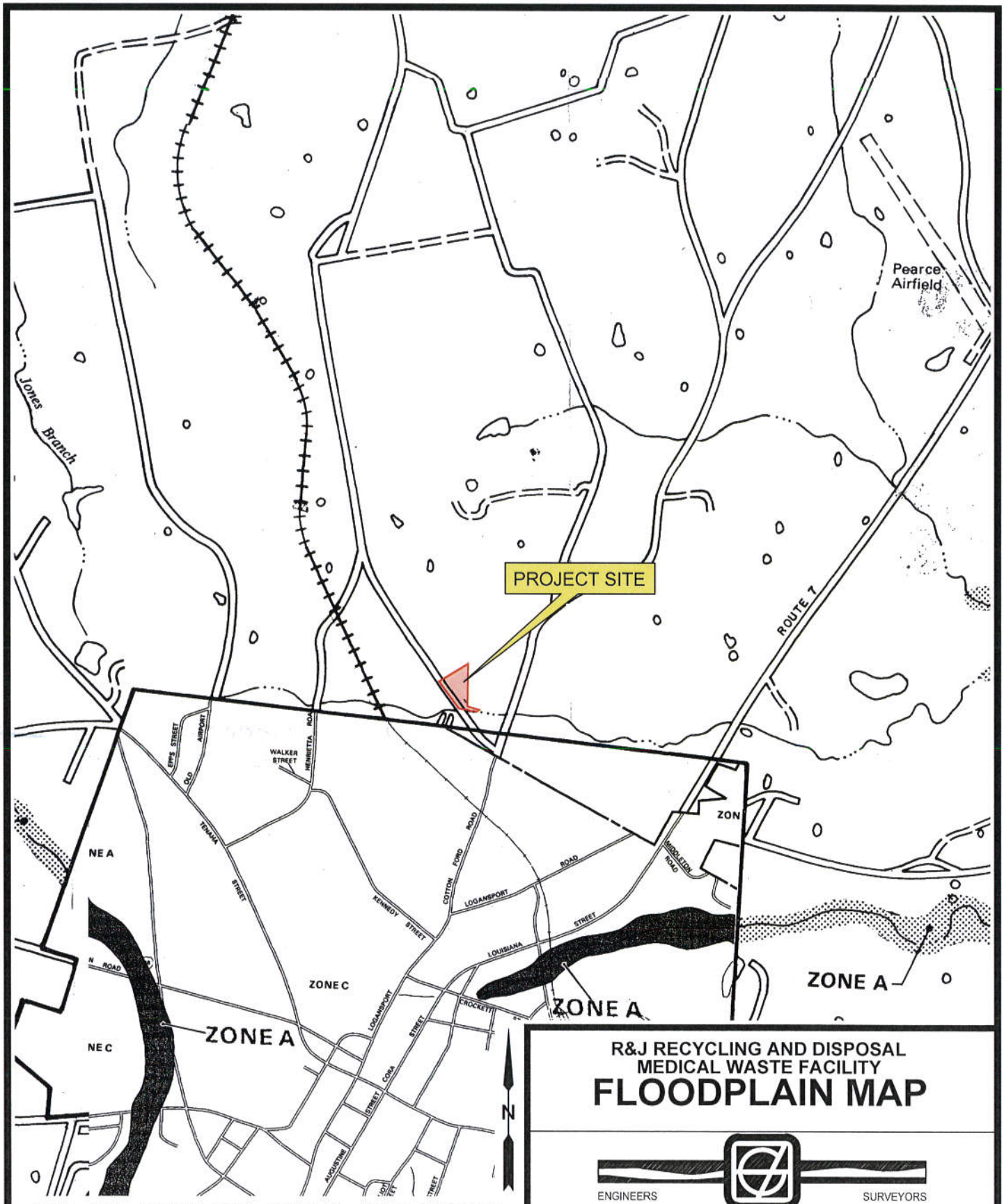
Bob Staehs, P.E.
903/658-2065

ATTACHMENT 11

FEMA AND WETLANDS MAP

ATTACHMENT 11A

FEMA MAP



NOTE: THIS FIGURE WAS COMPILED FROM RELEVANT PORTIONS OF THE FEMA FLOOD INSURANCE RATE MAP FOR THE CITY OF CENTER, TEXAS (COMMUNITY PANEL NUMBER 480566 B - EFFECTIVE DATE: SEPTEMBER 4, 1985) AND THE FLOOD HAZARD BOUNDARY MAP FOR UNINCORPORATED AREAS OF SHELBY COUNTY, TEXAS (COMMUNITY PANEL No. 481004 0005 A - EFFECTIVE DATE AUGUST 1, 1978).

R&J RECYCLING AND DISPOSAL MEDICAL WASTE FACILITY
FLOODPLAIN MAP

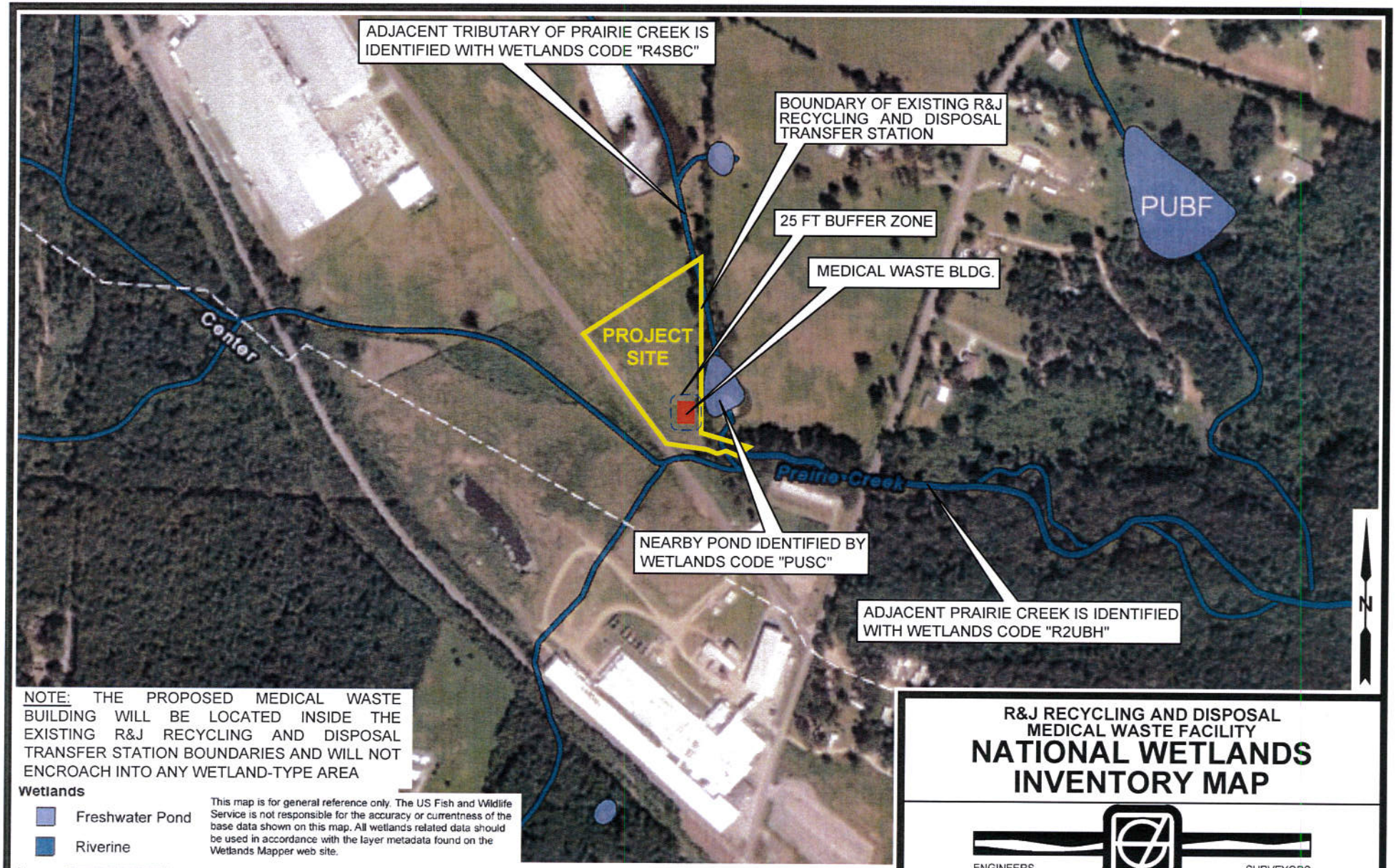
ENGINEERS SURVEYORS

EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528
TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	
BS	BS	1"=2000'	1 OF 2
DRAWN BY:	APPROVED BY:	DATE:	
TCL	BS	10/06/2021	

ATTACHMENT 11B

NATIONAL WETLANDS INVENTORY MAP



NOTE: THE PROPOSED MEDICAL WASTE BUILDING WILL BE LOCATED INSIDE THE EXISTING R&J RECYCLING AND DISPOSAL TRANSFER STATION BOUNDARIES AND WILL NOT ENCROACH INTO ANY WETLAND-TYPE AREA

Wetlands

- Freshwater Pond
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

U.S. Fish and Wildlife Service

National Wetlands Inventory

R&J RECYCLING AND DISPOSAL MEDICAL WASTE FACILITY

NATIONAL WETLANDS INVENTORY MAP

ENGINEERS SURVEYORS

EVERETT GRIFFITH JR. & ASSOCIATES, INC.

408 North Third Street
Lufkin, Texas
936/634-5528

TEXAS ENGINEERING FIRM No. F-1156

DESIGNED BY:	CHECKED BY:	SCALE:	2
BS	BS	1"=500'	OF
DRAWN BY:	APPROVED BY:	DATE:	2
TCL	BS	10/21/2021	

ATTACHMENT 12

COUNCIL OF GOVERNMENTS COORDINATION LETTER

Everett Griffith, Jr. & Associates Inc.
ENGINEERS • SURVEYORS

October 21, 2021

Mr. Lonnie Hunt, Executive Director
Deep East Texas Council of Governments
1405 Kurth Drive
Lufkin, Texas 75904
PH: (409) 384-5704

RE: R&J Recycling and Disposal Medical Waste Facility
Application for Medical Waste Registration

Dear Mr. Hunt:

R&J Recycling and Disposal is submitting an application to the Texas Commission on Environmental Quality (TCEQ) to acquire a medical waste registration for their proposed Medical Waste Facility. The proposed facility will be located within the boundaries of the existing R&J Recycling and Disposal Transfer Station in the City of Center, Texas (Shelby County).

A copy of the application is attached herewith for your review with regard to any regional solid waste plans that may be in place. Should you have any comments, please do not hesitate to let us know. If you have none, please acknowledge that you have reviewed the document and have no comments to me by email at *clargent@everettgriffith.com*.

Sincerely,

Craig Largent

encl

408 North Third Street
P.O. Box 1746
Lufkin, Texas 75902-1746
936/634-5528 • FAX # 936/634-7989
admin@everettgriffith.com

Texas Engineering Firm No. F-1156
Texas Surveying Firm No. 10029100

ATTACHMENT 13

TCEQ CORE DATA FORM

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission *(If other is checked please describe in space provided.)*

☒ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☐ Renewal *(Core Data Form should be submitted with the renewal form)* ☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number *(if issued)*
CN 603019555		RN

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership

☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)*

Wershing, Stacy

If new Customer, enter previous Customer below:

N/A

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*
N/A	N/A	91-2023076	00-887-8244

11. Type of Customer: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited

Government: ☐ City ☐ County ☐ Federal ☐ State ☐ Other ☒ Sole Proprietorship ☐ Other:

12. Number of Employees ☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated? ☒ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following:*

☐ Owner ☐ Operator ☒ Owner & Operator

☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address:

Stacy Wershing

P.O. Box 2047

City	Center	State	TX	ZIP	75935	ZIP + 4	2047

16. Country Mailing Information *(if outside USA)*

N/A

17. E-Mail Address *(if applicable)*

N/A

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(936) 591-9695		(936) 591-9696

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected below this form should be accompanied by a permit application)*

☒ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC.)

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

R&J Recycling and Disposal Medical Waste Facility

23. Street Address of the Regulated Entity: *(No PO Boxes)*	306 FM 2468							
	City	Center	State	TX	ZIP	75935	ZIP + 4	
24. County	Shelby							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	Facility is located on FM 2468 approximately 830 feet northwest of the intersection of FM 2468 and FM 699 in the City of Center (Shelby County, Texas)

26. Nearest City	State	Nearest ZIP Code
Center	TX	75935

27. Latitude (N) In Decimal:	31.8115°N		28. Longitude (W) In Decimal:	94.1764°W	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
31	48	41.32	94	10	35.16

29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)	32. Secondary NAICS Code (5 or 6 digits)
4953		562219	

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Medical waste treatment and transfer

34. Mailing Address:	R&J Recycling and Dispoal Transfer Station							
	P.O. Box 2047							
	City	Center	State	TX	ZIP	75935	ZIP + 4	2047

35. E-Mail Address:	N/A	
36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(936) 591-9695		(936) 591-9696

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form Instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☒ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Bob Staehs, P.E.	41. Title:	Project Manager

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(936) 634-5528	N/A	(936) 634-7989	bstaehs@everettgriffith.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	R&J Recycling and Disposal Transfer Station	Job Title:	Owner	
Name *(In Print)* :	Stacy Wershing		Phone:	(936) 591-9695
Signature:	Stacy Wershing		Date:	10-05-21

ATTACHMENT 14

COPY OF CHECK

Everett Griffith, Jr. & Associates Inc.
ENGINEERS • SURVEYORS

October 21, 2021

Financial Administration Division, MC 214
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, Texas 78711-3087

Re: Application Fee - Application for Medical Waste Registration
R&J Recycling and Disposal Medical Waste Facility

Dear Sir/Madam,

A check in the amount of $150.00 is attached herewith to cover the Application Fee for the medical waste registration application for the proposed R&J Recycling and Disposal Medical Waste Facility. The application is being sent to the TCEQ Municipal Solid Waste Permits Section for processing. If you have any questions or require any additional information regarding this project, please contact Bob Staehs, P.E. (Project Manager) or myself at (936) 634-5528.

Sincerely,

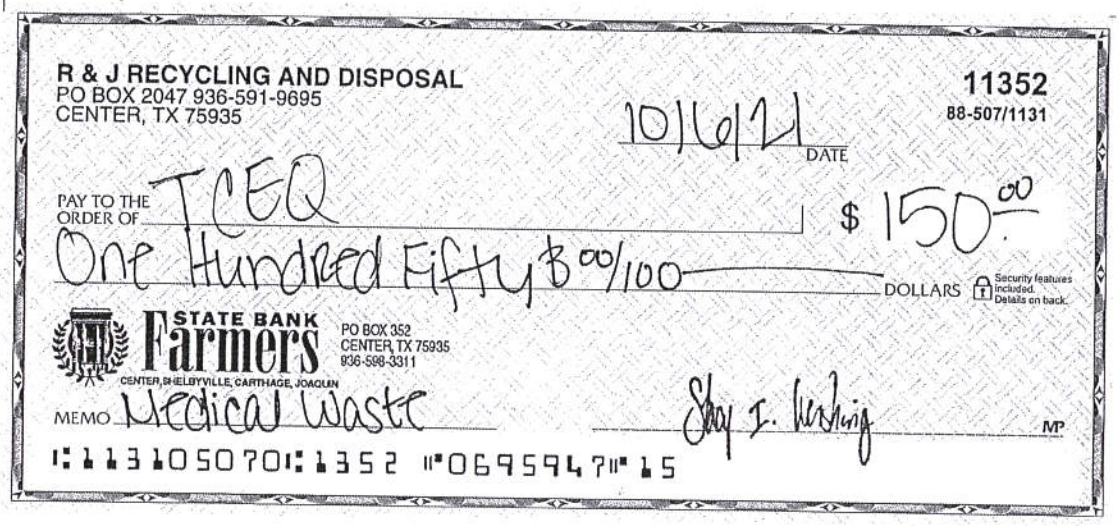
Craig Largent

encl.

cc: Stacy Wershing, Owner - R&J Recycling and Disposal Transfer Station

408 North Third Street
P.O. Box 1746
Lufkin, Texas 75902-1746
936/634-5528 • FAX # 936/634-7989
admin@everettgriffith.com

Texas Engineering Firm No. F-1156
Texas Surveying Firm No. 10029100



R & J RECYCLING AND DISPOSAL
PO BOX 2047 936-591-9695
CENTER, TX 75935

11352
88-507/1131

10/6/21
DATE

PAY TO THE ORDER OF TCEQ

$ 150.00

One Hundred Fifty & 00/100 DOLLARS

Security features included. Details on back.

STATE BANK Farmers
CENTER, SHELBYVILLE, CARTHAGE, JOAQUIN

PO BOX 352
CENTER, TX 75935
936-598-3311

MEMO Medical Waste

Shay I. Hutching

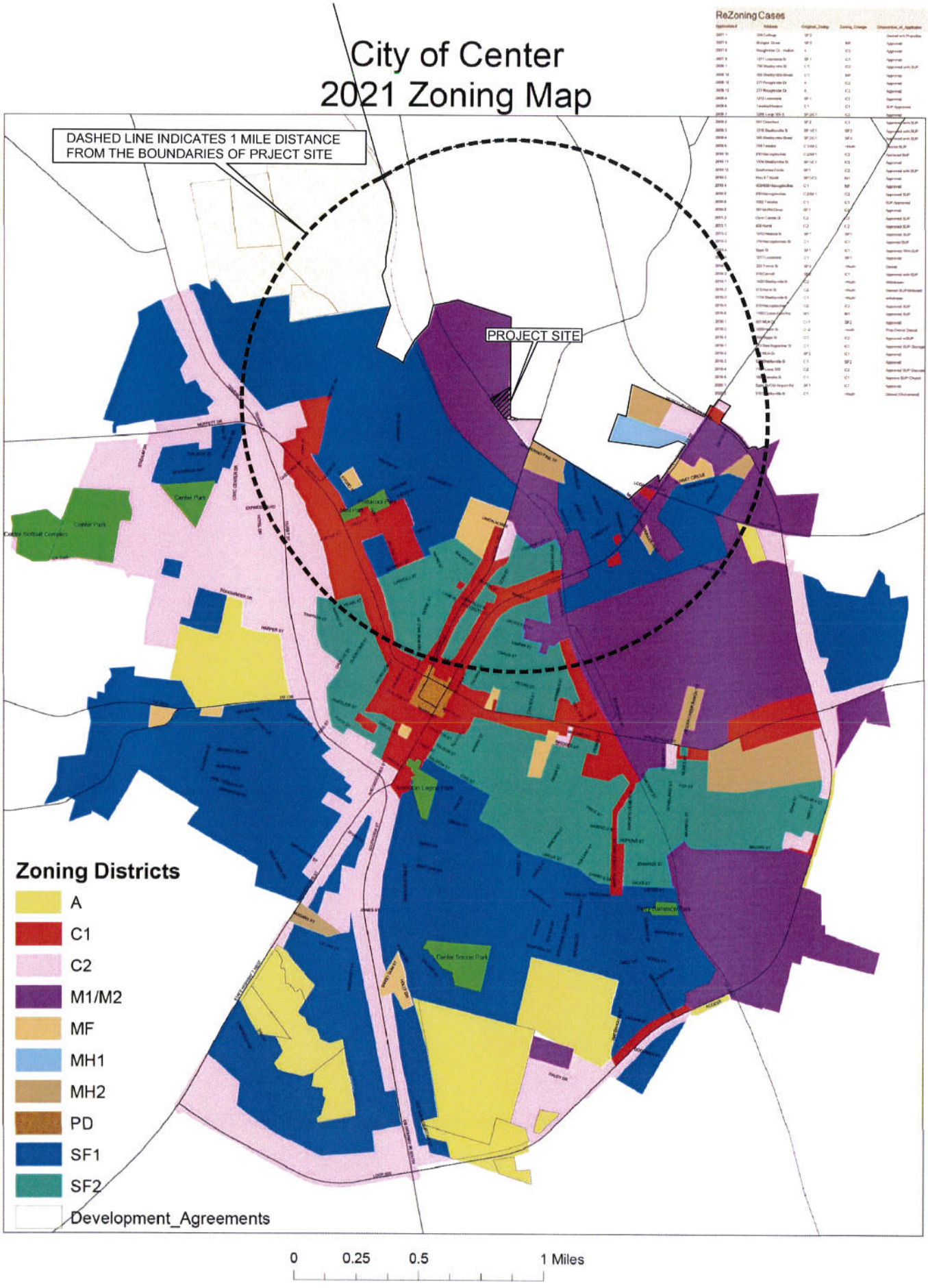
MP

⑆113105070⑆1352 ⑈0695947⑈ 15

ATTACHMENT 15

ZONING MAP

City of Center
2021 Zoning Map



ATTACHMENT 16

MANUFACTURER SPECIFICATIONS FOR WASTE MANAGEMENT UNIT

ATTACHMENT 16A

MOIST STEAM DISINFECTION PROCESSING UNIT

Medical Waste Treatment Solutions

Strategy to reduce the environmental impact

Why not use an innovative alternative system for processing biomedical waste? One that allows for the reduction on the impact that this waste causes both in the landfills and in the environment

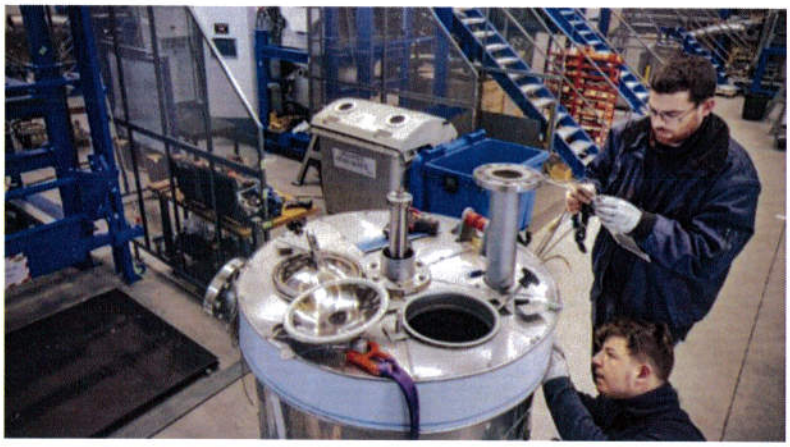
The Issue

Countries around the world face serious problems in managing waste in general, and when it comes to a specific category like the medical waste, the question becomes even more sensitive. This is the reason why different public and private institutions worldwide are in a continuous search of solutions involving a cost-effective and efficient treatment of hospital waste, mainly due to the high costs of the current decontamination processes proposed in the market.

Likewise, companies are looking for the opportunity to develop environmental and profitable projects that will allow them to stand out among the companies in the country by offering a truly environmental solution and improving the conditions of medical waste management.

The Solution

Based on this issue, AMB SA, Belgian manufacturer and specialist in the medical waste treatment industry, with 70 years of expertise and more than 17 years in the infectious waste management sector, developed green and high-tech solutions for the processing of hospital waste which use only electricity, ensure zero emissions, don't use valuable resources like water, and make part of circular economy initiatives by giving the chance to the treated waste to be recovered and recycled.



AMB Ecosteryl scope

AMB is an expert in the design and manufacturing of specialized units for the processing of medical waste, its solutions were designed to treat a wide variety of regulated medical waste, including clinical and laboratory waste, solid and liquid waste, anatomopathological waste and sharps; as well as any other waste considered as infectious waste in the country's regulations.

AMB provides a wide range of green initiatives, including ambitious projects that enable the recovery and recycling of treated medical waste; reducing the carbon footprint and the amount of waste sent to landfills.

Process description

Ecosteryl units operate through the phases of pre-shredding and decontamination by the action of microwaves combined with a prolonged heating by electrical resistances, which involves a clean and ecological process that end up being more economical, profitable and efficient compared to any autoclave or incineration treatment.

Highlights

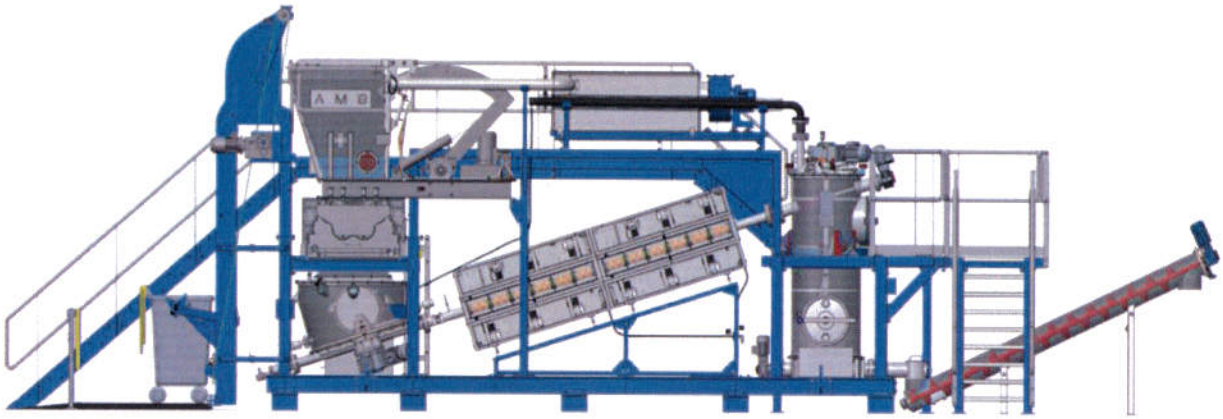
- Ecosteryl units involve an automatic and continuous flow process (not batches).
- Reduced operator handling, thus guaranteeing safety and ease of use for the operator.
- Total security, hermetic system and with protection locks.
- Powerful shredder on four shafts with a screen and indestructible elements management.
- Full automation, continuous recording of the decontamination process.
- No nuisance: no steam, no water, no odors, no discharges.
- Built-in access for the execution of efficiency tests: Microbiological challenge using biological indicators.
- Dry by-product: the residues present a reduction of 80% in volume and 10% in weight.
- There is no need for specialized labor. Installation is done in less than 72 hours.
- Reliable, high quality solution with a long lifespan.

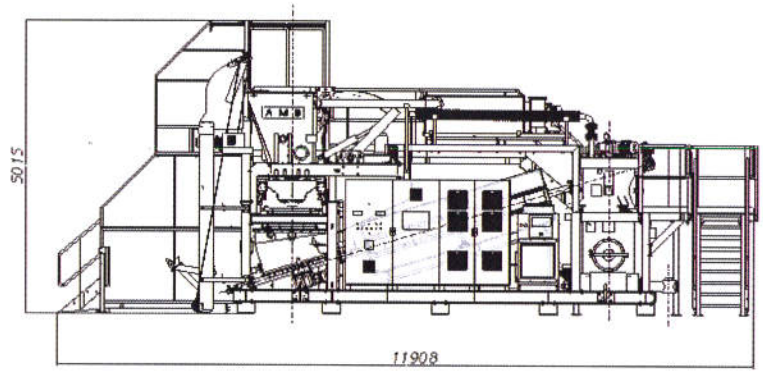
Solutions | AMB -serial 250- Ecosteryl

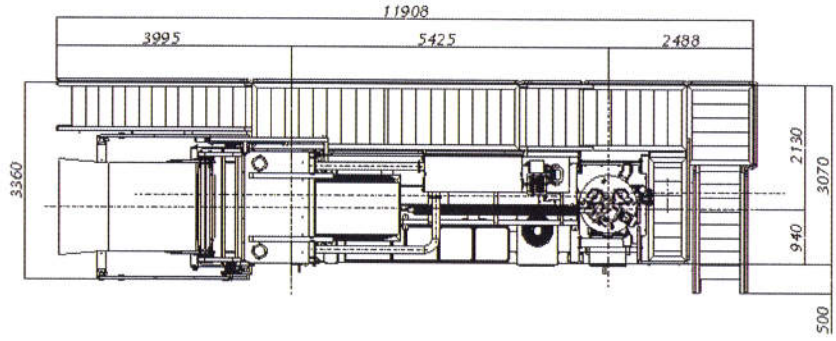
Process capacity: 250 – 300 kg/h.

Complete Platform of 4 Ecosteryl 250 units – Saudi Arabia (Riyadh)

Ecosteryl 250 Diagram

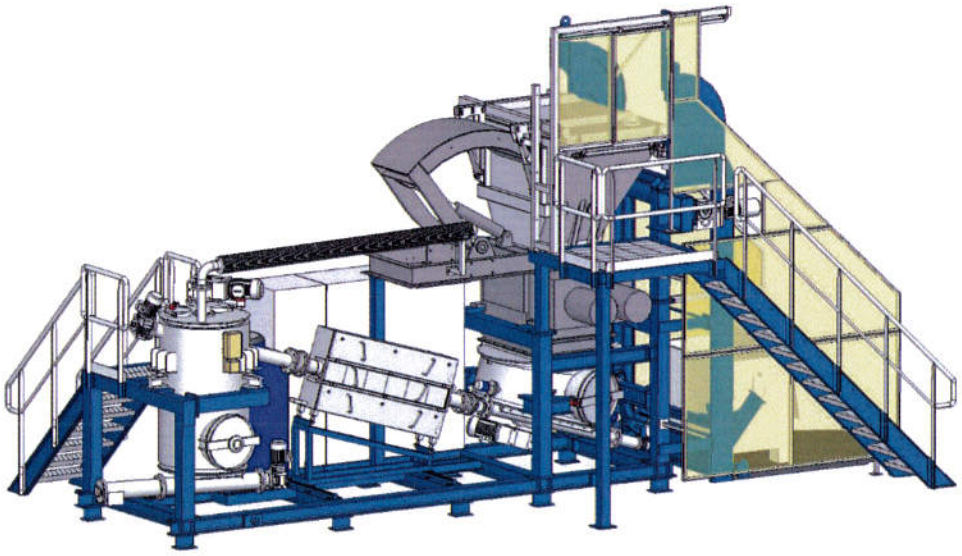






Solutions | AMB -serial 125- Ecosteryl

Process capacity: 125 – 175 kg/h.



www.ecosteryl.com

AMB ecosteryl

AMB Ecosteryl

Serial 250

Dimensions	12 m lenght x 3,5 m width x 5 m high
Weight	14 tons
Treatment type	Pre-shredding with core-hearting microwave disinfection technology
Type of process	Automatic continuous process
Processing capacity	250 - 300 kg/hr
Emissions	Zero emission
Energy consumption	60 kw (20° C at 1 atm)
Effectivness	More than 6log10 disinfection
Required floor space	15 m x 8 m (6,5 m height)
Manpower requirements	No specialized operator / 1 operator
Assembly and start-up	One day assembly - start-up & training with our engineers

About Us

AMB has over 15 years experience in the industrial processing of medical waste. The company developed four patented ecofriendly medical waste processing systems, using continuous microwave technology.

Contact

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B- 7000, Mons, Belgium

Regional - Europe
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B- 1150, Brussels, Belgium

Regional - Asia
13th Floor, Mercu UEM
Jalan Stesen Sentral 5,
Kuala Lumpur, Malaysia

Regional - Americas
408-1625 Rue Clark
Montreal, QC, Canada,
H2X 2R4

Tel : +32 65 82 26 81

E-mail : sales@ecosteryl.com

Ecosteryl : very safe and reliable

Real-time monitoring and efficiency control.
Simple and safe to operate.
Allows processing of needles, sharps containers.

Manual control located in an easily accessible and safe location.

Doors are designed with several independent mechanical and control features that provide for safety. All controls have alarms with easily accessible emergency shut-off.

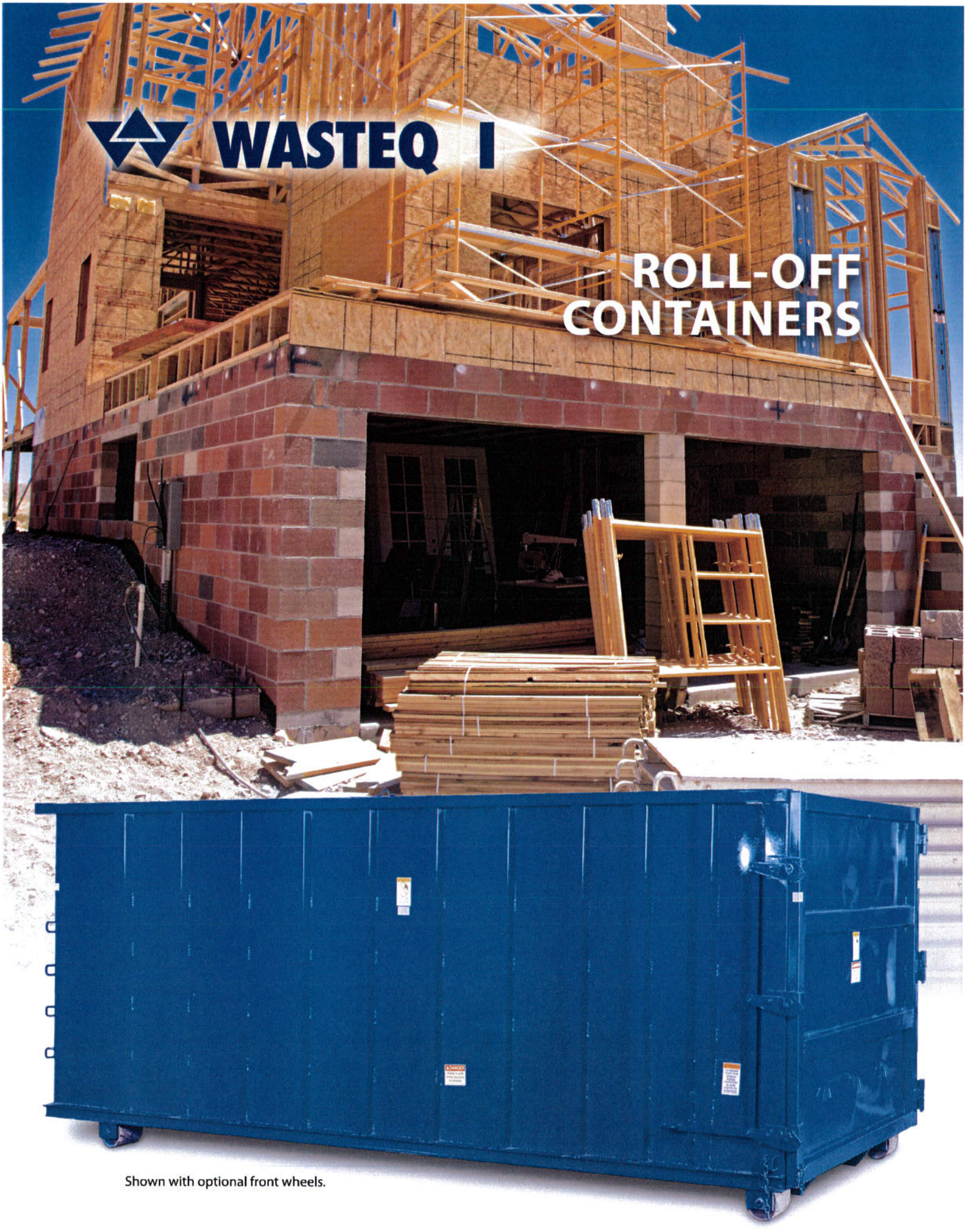
CE ISO 9001 QUALITY ASSURANCE

ATTACHMENT 16B

ROLL-OFF CONTAINERS

WASTEQ

ROLL-OFF CONTAINERS



Shown with optional front wheels.

Rectangular-Style Roll-Offs

Wastequip rectangular open-top roll-off containers are built to withstand the most demanding waste and scrap collection applications. Rectangular roll-off containers meet ANSI safety specifications and dimensional standards for haulers.

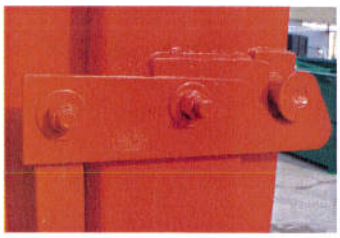
Sizes: 20, 30, or 40-cubic yards (other models available)

Shown with optional front wheels.

Applications:

Construction and remodeling, landscaping, industrial, or residential clean-up. Extra heavy-duty models available for construction, demolition, and scrap metal applications.

10 gauge front-to-side wall corner wraps provide added strength.



Optional ratchet-style rear door closing device secures the container.

Features

- Heavy-duty, greasable, fully-welded wheel assemblies
- Greasable rail rollers
- 7 gauge rail gussets welded to floor and cross members
- Front sheet bent 90 degrees to allow for overlap on side wall, adding extra strength to seam
- V-notched weep hole at the bottom of each side post allows for drainage of liquid and inhibits rust
- Rugged tarp hooks and available tarping systems from Pioneer or Mountain Tarp protect the load
- Rust-inhibiting primer inside and outside
- Painted in one of several standard colors using high-quality, low-VOC enamel

SPECIFICATIONS

	STANDARD	HEAVY-DUTY (HD)	EXTRA-HEAVY- DUTY (XHD)
Floor Plate	7 gauge	1/4"	1/4"
Sides	12 gauge	12 gauge	7 gauge
Cross Members	3" channels on 18" centers	3" channels on 18" centers	3" channels on 18" centers
Hook / Hook Plate	1-1/4" hook with 1" hook plate	1-1/4" hook with 1" hook plate	1-1/4" hook with 1" hook plate
Wheels	Two 8" x 8" greasable wheels*	Two 8" x 8" greasable wheels*	Two 8" x 8" greasable wheels*
Rails	6" x 2" x 3/16" rectangular tube main rails	6" x 2" x 1/4" rectangular tube main rails	6" x 2" x 1/4" rectangular tube main rails
Rail Roller	4" x 4-1/2"	4" x 4-1/2"	4" x 4-1/2"
Latches	Standard slam latch with heavy-duty handle allows for easy door closure by a single operator	Standard slam latch with heavy-duty handle allows for easy door closure by a single operator	Standard slam latch with heavy-duty handle allows for easy door closure by a single operator
Hinges	Heavy-duty greasable hinges with 1/2" plate and 1-3/4" O.D. x 1-1/8" I.D. round tube for 1-1/16" pin	Heavy-duty greasable hinges with 1/2" plate and 1-3/4" O.D. x 1-1/8" I.D. round tube for 1-1/16" pin	Heavy duty greasable hinges with 1/2" plate and 1-3/4" O.D. x 1-1/8" I.D. round tube for 1-1/16" pin

* Option of 4 wheels

NOTE: Additional understructures and size configurations available.

Tub-Style Roll-Offs

Wastequip's tub-style roll-off containers are the best solution if a smooth-sided, stackable container is what you need. Its smooth sides allow it to nest for easier transporting and storage, as well as easier decaling and signage. Wastequip roll-off containers meet ANSI safety specifications and dimensional standards for haulers.

Sizes: 20, 30, or 40-cubic yards (other models available)

Applications:

Construction and remodeling, landscaping, industrial, or residential clean-up. Extra heavy-duty models available for construction, demolition, and scrap metal applications.

"Step up" design allows you to step onto container to look inside. Minimizes likelihood of slips/falls as compared to ladders.

Features

- Heavy-duty, greasable, fully-welded wheel assembly
- Greasable rail rollers
- 7 gauge rail gussets welded to floor and cross members
- Nestable design saves on shipping and storage costs Rugged tarp hooks and available tarping systems from Pioneer or Mountain Tarp protect the load
- Rust-inhibiting primer inside and outside
- Painted in one of several standard colors using high-quality, low-VOC enamel

SPECIFICATIONS

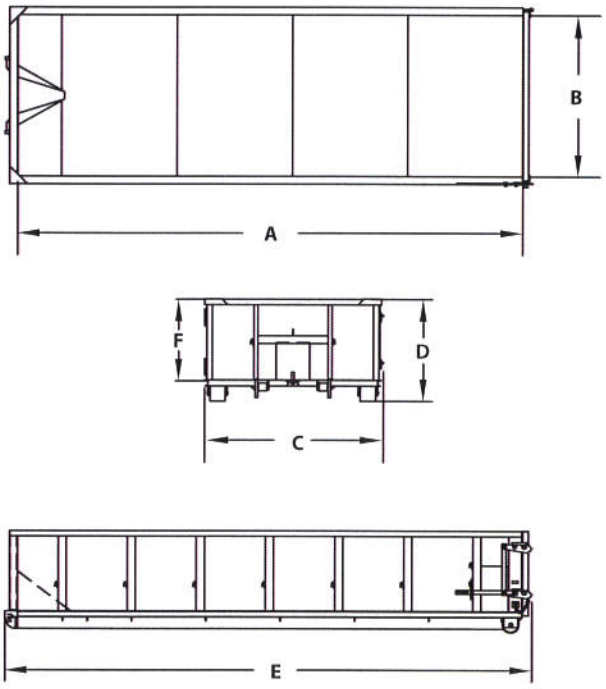
	STANDARD	HEAVY-DUTY (HD)
Floor Plate	7 gauge	1/4"
Sides	10 gauge	7 gauge
Cross Members	3" channels on 18" centers	3" channels on 18" centers
Hook / Hook Plate	1-1/4" hook with 1" plate	1-1/4" hook with 1" plate
Wheels	Two 8" x 8" greasable wheels*	Two 8" x 8" greasable wheels*
Rails	6" x 2" x 3/16" rectangular tube main rails	6" x 2" x 1/4" rectangular tube main rails
Rail Roller	4" x 4-1/2"	4" x 4 1/2"
Latches	Standard slam latch with 3/8 x 2" heavy-duty handle allows for easy door closure by a single operator	Standard slam latch with 3/8 x 2" heavy-duty handle allows for easy door closure by a single operator
Hinges	Heavy-duty greasable hinges with 1/2" plate and 1-3/4" O.D. x 1-1/8" I.D. round tube for 1-1/16" pin	Heavy-duty greasable hinges with 1/2" plate and 1-3/4" O.D. x 1-1/8" I.D. round tube for 1-1/16" pin

* Option of 4 wheels

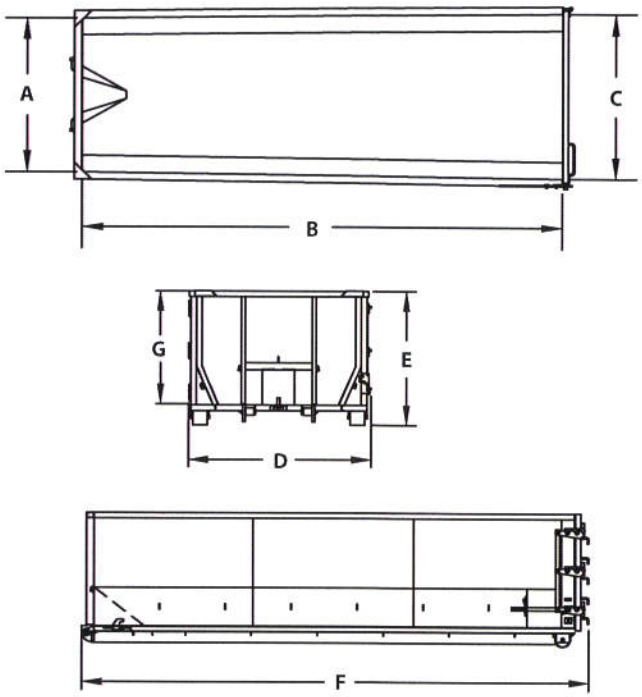
NOTE: Additional understructures and size configurations available.

ROLL-OFF CONTAINERS

RECTANGULAR-STYLE ROLL-OFFS



TUB-STYLE ROLL-OFFS



RECTANGULAR-STYLE SPECIFICATIONS*

	20-YARD	30-YARD	40-YARD
48 ft. trailer flat / drop	4 / 5	4 / 5	4 / 4
53 ft. trailer flat / drop	4 / 5	4 / 5	4 / 4
Weight	4,320 lbs.	4,897 lbs.	5,493 lbs.
A	263"	263"	263"
B	84"	84"	84"
C	92-15/16"	92-15/16"	92-15/16"
D	53"	73"	95"
E	275-1/2"	275-1/2"	275-1/2"
F	42"	62"	84"

* Dimensions may vary by region.

TUB-STYLE SPECIFICATIONS*

	20-YARD	30-YARD	40-YARD
48 ft. trailer flat / drop	4 / 8	4 / 7	4 / 4
53 ft. trailer flat / drop	4 / 9	4 / 8	4 / 5
Weight	3,945 lbs.	4,593 lbs.	5,265 lbs.
A	84"	84"	84"
B	262-7/8"	262 -7/8"	262-7/8"
C	90"	90"	90"
D	99-11/16"	99-11/16"	99-11/16"
E	53"	73"	95"
F	275-5/8"	278"	278"
G	42"	62"	84"

WASTEQUIP®

WQP039-082015

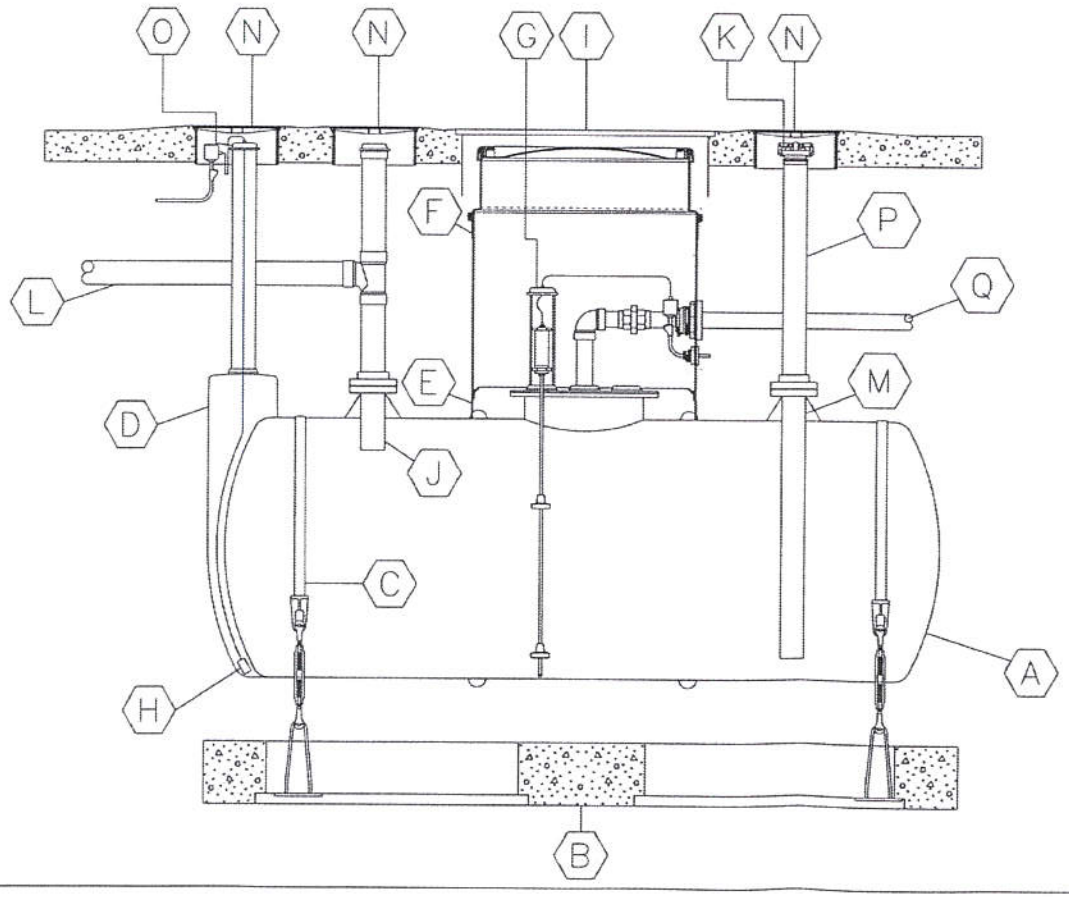
ATTACHMENT 16C

CONTAMINATED WATER HOLDING TANK

ITEM	QTY	EQUIPMENT LISTING
A	1	DOUBLE WALL FIBERGLASS STORAGE TANK
B	-	XERXES PRECAST CONCRETE DEADMEN SYSTEM
C	-	FIBERGLASS HOLD DOWN STRAP WITH TURNBUCKLE ASSY.
D	1	DRY MONITORING SYSTEM
E	1	42"DIA SW FIBERGLASS CONTAINMENT COLLAR
F	1	42"DIA FIBERGLASS ROUND SW CONTAINMENT SUMP WITH 39"DIA WATERTIGHT TOP
G	1*	LEVEL PROBE
H	1*	DRY MONITOR SENSOR
I	1*	LARGE ROUND MANHOLE
J	1	4"DIA FLANGED & GUSSETED INLET NOZZLE

ITEM	QTY	EQUIPMENT LISTING
K	1*	FILL CAP & ADAPTER
L	1*	SCH 80 PVC INLET PIPING WITH SANITARY TEE, CAP & ADAPTER
M	1	4"DIA FLANGED & GUSSETED DOWN PIPE PUMPOUT NOZZLE
N	3*	SMALL ROUND MANHOLE
O	1*	4" SENSOR CAP
P	1*	SCH 80 PVC PIPE WITH FLANGED ADAPTER
Q	1*	SINGLE WALL VENT PIPING

NOTE: * SUPPLIED BY OTHERS



INDUSTRIAL WASTEWATER

This drawing is for illustrative purposes only. Consult with an engineer for specific applications.

XERXES®
a ZCL company

TITLE
DOUBLE-WALL
HOSPITAL EMERGENCY DECONTAMINATION WATER STORAGE TANK

DATE 9-14

DR. NO. S20-314-00

ATTACHMENT 17

ADDITIONAL STORAGE AND PROCESSING UNIT CLOSURE COST ITEMS

SECTION 5 - OTHER SITE OPERATING PLAN, FINANCIAL ASSURANCE, AND CLOSURE REQUIREMENTS

As required by Form TCEQ-20789 (Application for Medical Waste Registration), the items referenced under Section 5 are addressed below:

5.1 STORAGE [30 TAC §326.75(d)] - All medical waste will be stored in a manner that does not create a nuisance. All medical waste materials will remain in sealed containers or bags as they are placed in the processing unit. All waste processing will be conducted inside the proposed Medical Waste Building in an area that is separate from indoor waste storage. In accordance with 30 TAC §326.75(i)(3), all processing areas will be inside of the facility and all stored waste will be inside of the facility or stored in an enclosed roll-off container or trailer outdoors in order to control and contain spills and contaminated water from leaving the facility.

Untreated medical waste will need to be temporarily stored on site in designated indoor and outdoor areas. Once waste has been treated it will be placed in enclosed roll-off containers and hauled to a TCEQ-permitted landfill facility for disposal, no longer than 7 days after processing. The treated waste will be contained in appropriate containers which are leak proof and will be kept securely closed to prevent spillage. Control of odors, vectors, and windblown waste from the roll-off container and storage area will be maintained.

The roll-off containers will be operated and maintained in such a way as not to create a public nuisance through material loss or spillage, odor, vector breeding or harborage, or other condition. The roll-off containers will contain materials in such a manner that does not provide exposure, therefore eliminating the potential for the introduction of vectors and material loss or spillage. The roll-off containers will be hauled to a permitted landfill on a regular basis.

Any wastewater generated on-site will be stored in the on-site 500 gallon contaminated water holding tank. This tank will be emptied on an as-needed basis and the contents transported by registered hauler to a TCEQ authorized facility for final disposal.

5.2 RECORDKEEPING AND REPORTING [30 TAC §326.75(e)] - A copy of the registration, the approved registration application, as-built plans, specifications, and any other required plan or documents related to the R&J Recycling and Disposal Medical Waste Facility will be maintained at the office of the R&J Recycling and Disposal Transfer Station as part of the facility's operating record. These documents will be made available for inspection by TCEQ representatives upon request.

The operator will record and maintain the information required in §326.75(e)(2)(A-E) in the Facility Operating Record. The owner or operator will sign all reports and other information requested by the executive director (per §305.44(a) relating to Signatories to Applications and 30 TAC §326.75(e)(3)) or by an authorized representative of the owner or operator.

Should there be a change in an individual or position, a new authorization satisfying the requirements of §326.75(e)(3) will be submitted to the executive director prior to or together with, any reports, information, or applications to be signed by an authorized representative, in accordance with §326.75(e)(3)(B).

All information contained in the Operating Record will be furnished upon request to the executive director and shall be made available during the facility's operating hours for inspection by the executive director and other times mutually agreeable to the TCEQ and the operator.

The owner or operator shall retain all information contained within the operating record and the different plans required for the facility for the life of the facility. The owner or operator will retain all information contained within the Operating Record and the various plans required for the Facility for the life of the operation.

Each load of untreated medical waste will be reviewed upon receipt to ensure the proper documentation has been provided and that the R&J Recycling and Disposal Medical Waste Facility is named as the designated facility to receive the waste. Shipping documents will be signed and at least one copy provided to the transporter. The owner or operator will retain a copy for the Facility Operating Record and within 45 days after the delivery is received, a written or electronic copy of the shipping document will be returned to the generator, including the total weight of waste received and a statement that the medical waste was treated in accordance with 25 TAC §1.136.

5.3 FIRE PROTECTION PLAN [30 TAC §326.75(f)] - An adequate supply of water under pressure is available at the facility. Firefighting equipment will be readily available and accessible at the existing R&J Recycling and Disposal Transfer Station and at the proposed R&J Recycling and Disposal Medical Waste Facility building located within its boundaries. Fire extinguishers are located throughout the existing transfer station and will also be lcoated within the proposed Medical Waste Building. Fire extinguishers are typically 5-pound ABC type. In addition, a standard water hose will be available for initial firefighting.

A Fire Protection Plan is in place at the existing transfer station and will also apply to the proposed Medical Waste Building as well. The Fire Protection Plan is in compliance with local fire codes and includes the measures for fire protection, procedures for using fire protection measures, employee training and safety procedures, notification protocol, etc.

In the event of a fire, the facility supervisor will immediately call the City of Center Fire Department by dialing 911. In addition, if it can be safely accomplished, the facility personnel will attempt to extinguish the fire with a hand-held fire extinguisher provided at the site. Facility personnel will be trained to observe incoming loads in the transport vehicles to ascertain that there is no fire in the load while performing his inspection. If a fire is observed, the vehicle will unload on a designated area of paved ground.

5.3.1 FIRE PROTECTION - The following steps are taken regularly by facility personnel in order to prevent fires:

- Check every load for fire before it is unloaded. Be alert for signs of burning waste such as smoke, steam, or heat being released from incoming waste loads.
- Do not allow open flames in the unloading areas or near the roll-off containers.
- Keep the grass within the site area mowed and do not allow grass, leaves, trash, or other combustibles to accumulate.
- Do not keep fuel or other combustibles in non-approved containers.
- Inspect the fire extinguisher to ensure it is in operating condition, that it does not have an expired date, and be aware of where it is.
- This will be a "No Smoking" facility.
- Routinely clean equipment that is used to move waste in order to remove any potentially combustible material which might cause equipment overheating and increase fire potential.

5.3.2 PROCEDURES IN THE EVENT OF A FIRE - The facility staff will take the following steps if a fire is discovered:

- Contact the Center Fire Department by calling 911 or (936) 598-3288.
- Alert other facility personnel.
- Assess the extent of the fire, possibilities for the fire to spread, and alternatives for extinguishing the fire.

- If it appears that the fire can be safely fought with available fire extinguisher(s) until the arrival of the Fire Department, attempt to contain or extinguish the fire. Under no circumstances shall the transfer station personnel place themselves or anyone helping them in danger of being injured.

- Upon arrive of Fire Department personnel, direct them to the fire and provide assistance as appropriate.

- Be familiar with the use and limitations of firefighting equipment available on-site. Do not attempt to fight the fire alone or without adequate personal protective equipment.

5.3.3 FIRE EQUIPMENT - Dry chemical fire extinguishers shall be provided for all structures, waste management equipment, and vehicles at the facility. All fire extinguishers at the facility will be inspected on an annual basis and recharged as necessary by a qualified service company. The extinguishers will display a current inspection tag. Inspection and recharging of extinguishers will be performed following each use. A telephone is also available at the site to call the Fire Department.

An adequate supply of water at sufficient pressure for fire fighting is supplied to the facility from the City of Center's water distribution system. In addition, the Center Fire Department (3 miles away) will be the first responder to the facility in the event of a fire. The fire department is equipped with fire trucks that carry their own supply of water for fighting fires.

5.3.4 FIRE PROTECTION TRAINING - Like the rest of the Transfer Station personnel, the Medical Waste Building personnel will receive fire safety training when hired. They shall also be given instructions on fire fighting techniques and given safety precautions to ensure their well being. The training of on-site personnel in firefighting techniques, fire prevention, response and the fire protection aspects of this Site Operating Plan will be provided by local fire departments or other established professionals on an annual basis.

Training shall include fighting all types of fires (including vehicle fires) that could occur from material deposited in the transfer station. The local fire department will be given information on the types of materials that it is possible for the Medical Waste Facility to contain so that the Fire Department may use proper techniques. Personnel will be familiar with the use and limitations of firefighting equipment available on-site. Records of this training will be included in the operating record. Personnel will not attempt to fight the fire alone or without adequate personal protective equipment.

5.3.5 FIRE FIGHTING METHODS - There are four components necessary to start and sustain a fire: (1) Fuel or Reducing Agent; (2) Heat; (3) Self-sustaining chemical reaction; and (4) Oxygen or oxidizing agent. A fire can be extinguished by taking away any of those four components. The most common methods available to accomplish this by facility personnel are as follows:

- Chemical Flame Inhibition - This utilizes dry chemical or halogenated agents to interrupt the combustion reaction and stop flaming. This method is effective on gas and liquid fuels because they must flame to burn. Chemical flame inhibition can be provided by the hand-held fire extinguishers that are provided at the facility. Small fires might be controlled with these extinguishers.

- Application of Water - The application of water does several things to help extinguish a fire. First of all, water vaporizes when it comes into contact with the fire and the conversion from a liquid to steam absorbs massive amounts of heat. Without heat, the fuel no longer has the conditions required to sustain the fire. In addition, the steam also dilutes the oxygen in the air and can lower it to a concentration below the minimum amount that is required for the flame to burn. The application of water can be provided by on-site water hoses using the pressurized water provided to the facility by the by the City of Center's water distribution

system.

- Fuel Removal - Removing fuel that is in the path of the fire will help to contain fire and prevent its spread. If it can be done safely, burning material should be separated from other waste. Similarly, if a fire is too large to be effectively extinguished it may be more feasible to isolate it and allow it to burn until all of its fuel is consumed, at which point the fire will self-extinguish.

5.3.6 TCEQ NOTIFICATION - After any fire (related to waste management activities that cannot be extinguished within 10 minutes of discovery) occurs, the TCEQ regional office will be contacted. The notification to the regional office will include:

- Contacting by telephone as soon as possible, but no later than 4 hours following fire discovery, and

- Providing a written description of the cause and extent of fire and the resulting fire response within 14 days of the fire detection.

The facility will provide to the appropriate TCEQ regional office as much information as possible regarding the fire and fire-fighting efforts, as soon as possible after the fire occurs. The fire prevention and fire control procedures for the facility will be revisited following the occurrence of a significant fire to determine if modifications are warranted.

5.4 ACCESS ROADS, VEHICLE PARKING, AND SAFETY MEASURES [30 TAC §326.75(g)(2)] - The proposed R&J Recycling and Disposal Medical Waste Facility will be located within the boundaries of the existing R&J Recycling and Disposal Transfer Station. The transfer station is equipped with all-weather drives to allow vehicular access to the facility from FM 2468. This roadway has been designed to accommodate the expected traffic flow and is equipped with two travel lanes to provide safe on-site access for commercial collection vehicles. The paved entry driveways and gravel surface will eliminate dust and mud being tracked to and from the facility. The roadway design includes adequate turning radii for vehicles that will use the roadway and to avoid the disruption of normal traffic patterns. Adequate vehicle parking is also provided for employees, visitors, and equipment. Access to the Medical Waste Facility Building will only be provided during waste acceptance hours when an attendant is present; and entrance gates will be locked when the facility is unattended. Safety bumpers at hoppers will be provided, where applicable. An attendant shall be on-site during operating hours. The operating area within the Medical Waste Building will be enclosed by walls and all transport unit storage areas are enclosed by walls and/or fencing..

The existing Transfer Station is surrounded by a security fence and access is controlled via two gates that are monitored during operating hours (or locked on any occasion where the facility is not in operation). Traffic will enter through the facility's gates and proceed to the Medical Waste Building. Appropriate signage will be utilized to indicate where medical waste vehicles are to unload. Additional signage will be posted to discourage indiscriminate dumping. The unloading area of the Medical Waste Facility will be monitored by the facility supervisor (or approved designee). It is the responsibility of the facility supervisor to inform persons using the transfer station when they are violating the regulations of the transfer station. If they refuse to take corrective action or continue to violate those regulations, the supervisor shall immediately notify the Shelby County Sheriff's Office and/or the Center Police Department at 911 and request assistance. The Sheriff's Department and Center Police Departments can also be reached (936) 598-5600 and (936) 598-2788, respectively.

5.5 UNLOADING OF WASTE [30 TAC §326.75(h)] - The unloading of medical waste will be confined to designated unloading area within the proposed Medical Waste Facility building. An attendant will monitor all incoming loads of waste. Appropriate signage and/or facility personnel will direct vehicles to the appropriate unloading areas. This facility is not required to accept any medical waste that may cause problems in maintaining compliance with the Site Operating Plan. If unacceptable wastes are identified they will be refused and returned to their place of origin for proper handling. Pathological, non-hazardous pharmaceutical, and trace chemotherapeutic wastes may be stored and processed

at the facility.

The unloading of waste in areas not specified for this activity will be prohibited. Should any waste be deposited in an unauthorized area, it will be removed immediately and treated, stored, or disposed of properly.

The unloading of prohibited wastes at the Facility will not be allowed. Prohibited waste will be returned immediately to the transporter or generator of the waste or transported to an appropriately permitted facility.

To prevent the exceedance of the requested maximum waste storage volume, all excess waste will be diverted/transferred to a TCEQ-approved facility for treatment, storage, or disposal.

5.6 RECORDING OF APPLICABLE ALTERNATIVE HOURS [30 TAC §326.75(i)(3)] - Not applicable.

5.7 SIGNS AT FACILITY ENTRANCE [30 TAC §326.75(j)] - A sign for the proposed R&J Recycling and Disposal Medical Waste Facility will be conspicuously displayed at both entrances to the R&J Recycling and Disposal Transfer Station. The signs will each measure at least four feet by four feet with letters at least three inches in height stating the facility name; type of facility; the hours and days of operation; the authorization number of the facility; and facility rules.

5.8 CONTROL OF WINDBLOWN MATERIAL AND LITTER [30 TAC §326.75(k)] - The existing R&J Recycling and Disposal Transfer Station is completely enclosed by a chain link fence. The facility and surrounding area is patrolled by facility personnel at least once per day on days when the facility is in operation and cleaned of any windblown material.

Processing and storage areas of the proposed R&J Recycling and Disposal Medical Waste Facility are completely enclosed and any waste stored outside of the building will be stored in a completely enclosed transportation container. As such, windblown litter is not anticipated at the Medical Waste Facility. However, site personnel will patrol the entire property (as described above) and any identified litter will be cleaned up the same day.

5.9 FACILITY ACCESS ROADS [30 TAC §326.75(l)] - The facility is accessed by FM 2468, an all-weather paved roadway, and the R&J Recycling and Disposal Transfer Station is equipped with all-weather drives to allow vehicular access to the facility.

The presence of mud is not anticipated on the facility roadways or parking areas; however, if mud does become present, facility personnel will implement measures to minimize the tracking of mud and debris onto public roadways. Airborne dust is not anticipated to be a nuisance at the Facility; however, if airborne dust is observed facility personnel will implement measures, such as wetting of on-site roadways to prevent dust from becoming airborne.

The on-site drives and parking areas are maintained by the owner/operator. FM 2468 is maintained by TxDOT. The owner/operator will coordinate with TxDOT, as necessary, to ensure that depressions, ruts, and potholes are addressed.

5.10 NOISE POLLUTION AND VISUAL SCREENING [30 TAC §326.75(m)] - All processing and storage except enclosed trailer storage of waste to be processed on-site or transported to an off-site facility will be conducted inside of the enclosed Medical Waste Building to prevent potential noise and visual impacts. All other activities, such as transportation and maintenance activities, are not anticipated to produce noise pollution or adverse visual impacts. Buffer zones will aid in mitigation of noise and add to visual screening.

The proposed R&J Recycling and Disposal Medical Waste Facility will be located within the boundaries of the existing R&J Recycling and Disposal Transfer Station and will be screened by the transfer station's existing fence.

5.11 OVERLOADING AND BREAKDOWN [30 TAC §326.75(n)] - The design capacity of the facility shall not be exceeded during operation. The facility shall not accumulate solid waste in quantities that cannot be processed within such time as will preclude the creation of odors, insect breeding, or harborage of other vectors. If such accumulations occur, additional solid waste shall not be received until the adverse conditions are abated.

If a significant work stoppage should occur due to a mechanical breakdown or other causes, the facility shall accordingly restrict the receiving of solid waste. Under such circumstances, incoming solid waste shall be diverted to an approved backup processing or disposal facility. If the work stoppage is anticipated to last long enough to create objectionable odors, insect breeding, or harborage of vectors, steps shall be taken to remove the accumulated solid waste from the facility to an approved backup processing or disposal facility.

The owner or operator shall have alternative processing or disposal procedures for the solid waste in the event that the facility becomes inoperable for periods longer than 24 hours. Treated waste will be hauled to an authorized facility for disposal.

5.12 SANITATION [30 TAC §326.75(o)] - The facility will be connected to the City of Center's existing water distribution system in order to obtain potable water. Sanitary hand-washing facilities are available for all employees at the R&J Recycling and Disposal Transfer Station. Toilet facilities for the R&J Recycling and Disposal Medical Waste Facility building will be provided by portable toilet (porta potty) that will be emptied regularly by vacuum truck and the contents transported to a TCEQ approved facility for final disposal.

All working surfaces that come in contact with wastes shall be washed down on a weekly basis at the completion of processing. Processing areas that operate on a continuous basis shall be swept daily and washed down at least twice per week.

In order to prevent the creation of odors or an attraction to vectors, wash water will not be allowed to accumulate on-site; rather, it will be directed to an oil-sand separator and contaminated water holding tank. The holding tank will be emptied as-needed and its contents hauled via vacuum truck (operated by a third-party hauler) to a TCEQ approved facility for final disposal.

5.13 VENTILATION AND AIR POLLUTION CONTROL [30 TAC §326.75(p)] - The R&J Recycling and Disposal Medical Waste Facility building will be a covered building with adequate ventilation. Air emissions from the Medical Waste Facility building are not expected to cause or contribute to a condition of air pollution as defined in the Texas Clean Air Act. The operator will prevent nuisance odors from leaving the boundary of the facility. If nuisance odors are found to be passing the facility boundary, the operator may suspend operations until the nuisance is abated or immediately take action to abate the nuisance.

This Facility will comply with all applicable regulations regarding air emissions and will obtain any required authorization from the TCEQ, Air Permits Division. This Facility will operate under 30 TAC §330 Subchapter U.

5.14 HEALTH AND SAFETY [30 TAC §326.75(q)] - Facility personnel shall be trained in the appropriate sections of the facility's health and safety plan.

5.15 DISPOSAL OF TREATED MEDICAL WASTE [30 TAC 326.75(r)] - As provided by 30 TAC §326.75(r), treated microbiological waste, blood, blood products, body fluids, laboratory specimens of blood and tissue, and animal bedding may be disposed of in a permitted landfill. The owner/operator will dispose of treated medical waste in a permitted landfill.

Any markings that identify the waste as a medical waste will be covered with a label that identifies the waste as treated medical waste before disposal. The identification of the waste as treated may be accomplished using color-coded, disposable containers for the treated waste or by a label that states that the contents of the disposable container have been treated in accordance with the provisions of

25 TAC §1.136.

Treated waste will be accompanied by a shipping document that includes a statement that the medical waste was treated in accordance with 25 TAC §1.136 (relating to Approved Methods of Treatment and Disposition).

5.16 FINANCIAL ASSURANCE [30 TAC §326.71(n)] - Financial assurance. A copy of the documentation required to demonstrate financial assurance as specified in Chapter 37, Subchapter R of this title (relating to Financial Assurance for Municipal Solid Waste Facilities) shall be submitted 60 days prior to the initial receipt of waste. Continuous financial assurance coverage for closure must be provided until all requirements of the final closure plan have been completed and the facility is determined to be closed in writing by the executive director.

5.17 NOTICE OF CLOSURE [30 TAC §326.71(l)(1)] - No later than 90 days prior to the initiation of a final facility closure, the owner or operator shall, through a published notice in the newspaper(s) of largest circulation in the vicinity of the facility, provide public notice for final facility closure. This notice shall provide the name, address, and physical location of the facility; the registration number, as appropriate; and the last date of intended receipt of waste. The owner or operator shall also make available an adequate number of copies of the approved final closure plan for public access and review. The owner or operator shall also provide written notification to the executive director of the intent to close the facility and place this notice of intent in the operating record.

5.18 SIGN INSTALLATION [30 TAC §326.71(l)(2) - Upon facility closure notification to the executive director, the required signs will be posted at the main entrance and all other frequently used points of access for the facility notifying all parties that may utilize the facility about the proposed closing date. The signs will state that after the closing date, acceptance of waste at the facility will be prohibited. After the date of closure, the gates will be shut and locked to prevent unauthorized dumping.

5.19 CERTIFICATION OF CLOSURE [30 TAC §326.71(l)(3)] - Within ten days after completion of final closure activities of a facility, the owner and operator shall submit to the executive director by registered mail:

(A) Certification - A certification, signed by an independent licensed professional engineer, verifying that final facility closure has been completed in accordance with the approved closure plan. The submittal to the executive director shall include all applicable documentation necessary for certification of final facility closure; and

(B) Request for Voluntary Revocation - A request for voluntary revocation of the facility registration will be made at the time of closure.