

**Technical Summary and
Executive Director's Preliminary Decision
of the**

**J.C. Elliott Transfer Station
MSW Permit Application
No. 2423**

**Type V Municipal Solid Waste Facility
Nueces County, Texas**

**Applicant:
City of Corpus Christi**

Date Prepared: January 6, 2026

By the
Municipal Solid Waste (MSW) Permits Section
Office of Waste, Waste Permits Division
Texas Commission on Environmental Quality

This summary was prepared in accordance with 30 Texas Administrative Code Section 281.21(c). The information contained in this summary is based upon the permit application and has not been independently verified.

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1. Applicant Contact Information

Name of Applicant: City of Corpus Christi
2525 Hygeia Street
Corpus Christi, Texas 78415

Name of Facility: J.C. Elliott Transfer Station

Contact Person: Mr. Philip Aldridge
Director of Solid Waste Services
City of Corpus Christi
2525 Hygeia Street
Corpus Christi, Texas 78415
361-826-1953

Consulting Engineer: Mr. Chad Ellinger, P.E.
SCS Engineers
126561 Briar Forest Drive, Suite 205
Houston, Texas 77077
281-293-8494

2. General Information

2.1 Permit Application

The applicant has submitted this application requesting authorization to construct and operate a new Type V transfer station in Nueces County, Texas. This application was submitted on November 26, 2024, in accordance with Title 30 of the Texas Administrative Code (30 TAC) Chapter 330.

2.2 Wastes to be Accepted

The facility will accept municipal solid waste, Class 2 and 3 industrial non-hazardous waste; whole used or scrap tires; and certain types of special waste that will not interfere with facility operations. These special wastes include deceased animals that are collected incidental to municipal solid waste collection; pharmaceuticals and contaminated foods or beverages not already in normal household waste; triple-rinsed or crushed containers used for pesticides, herbicides, or fungicides; and incidental amounts (under 10 percent by weight of the waste received on an annual basis) of non-regulated asbestos-containing materials. The facility will accept white goods. Items containing chlorinated fluorocarbon (CFC) will be handled in accordance with 40 Code of Federal Regulations §82.156, as amended.

The facility will accept household hazardous waste and hazardous waste from very small quantity generators for storage and transfer to a facility authorized to accept such wastes. Some of these hazardous wastes, e.g. paints in unopened or

slightly used containers, may be reused or recycled by making them available to residential customers or local charities.

Electronic goods will be collected inside the transfer station building and recycled. Reusable electronic goods, e.g. computers, printers, will be sent to an electronics recycler for refurbishment and reuse.

Used oil filters from internal combustion engines will not be intentionally and knowingly sent for disposal unless the filter has been or will be either crushed to less than 20% of its original volume to remove all free-flowing used oil, processed by a method other than crushing to remove all free-flowing used oil, or the housing is punctured and the filter is drained for at least 24 hours.

The facility may not accept wastes that are expressly prohibited by Title 30 Texas Administrative Code (30 TAC) Chapter 330, and any waste that is not authorized for acceptance.

2.3 Waste Acceptance Rate

Authorized wastes may be accepted for storing, processing, and recovery of materials for recycling at this facility at a maximum rate of 2,500 tons per day.

3. Technical Review

The application has been technically reviewed by the Municipal Solid Waste Permits Section to determine its compliance with the applicable requirements in 30 TAC Chapters 305 and 330. Chapter 305 sets forth standards and requirements for applications; Chapter 330 contains the minimum regulatory criteria for municipal solid waste facilities. It has been determined that the information in the permit application, along with the draft permit, demonstrates compliance with these regulatory requirements. A draft permit has been prepared and the application has been declared technically complete.

4. Facility Location and Size

4.1 Location

The proposed J.C. Elliott Transfer Station will be in Nueces County, Texas at the southwest corner of State Highway 286 (SH 286) and Greenwood Drive approximately 0.8 miles southwest of the intersection of SH 286 and SH 357.

4.2 Facility Coordinates

Latitude: 27° 42' 16" N

Longitude: 97° 27' 11" W

Elevation: 20.0 feet above mean sea level (msl)

4.3 Facility Size

The total area within the permit boundary under the proposed permit is approximately 24.95 acres.

5. Facility Design, Construction, and Operation

The facility will have a capacity to receive and transfer up to 2,500 tons per day of solid waste and store up to 1,000 tons of solid waste overnight. The facility will include one large transfer station building for indoor unloading of waste collection vehicles and loading of transfer vehicles, and one outdoor storage and processing pad for loaded transfer vehicles, brush, and tires. Other improvements include a scale house, vehicle scales, internal roads, and access control fences and gates. Facility design is detailed in Part III of the application in Section X of this permit.

The processing building will be constructed with a slab raised above surrounding grade. The building will have a main level for the tipping floor with a 35-ft eave height, no internal walls, and solid exterior walls, except at vehicle entrances equipped with roll-up doors. There will be a lower level under one end where empty transfer trucks enter, receive waste from the main level via chutes, and exit. The upper and lower levels will be graded to drain to a collection system that ultimately discharges to a wastewater treatment plant.

Vehicles delivering most wastes will enter the building at one side, unload the waste as directed, and exit a different side of the building. Equipment within the building will move the waste to chutes where it will drop through the floor into transfer trucks staged on a lower level.

Vehicles delivering used or scrap tires and brush will unload at the outdoor storage and processing pad. Brush will be stored in piles or containers both before and after processing. Used or scrap tires will be stored in open piles or enclosed and lockable containers until they are processed. The storage and processing pad will have a combination of concrete or soil surfacing surrounded by concrete curbs or earthen berms so that surface water can be contained and inspected before being removed.

All waste processing operations will be limited to the units and other features identified in the Site Development Plan and the Site Operating Plan.

6. Land Use

The application provides information about land use in the vicinity of the site in accordance with 30 TAC §330.61(h).

6.1 Zoning

The facility will be located on the southwest corner of SH 286 and Greenwood Drive approximately 0.8 miles southwest of the intersection of SH 286 and SH 357. The location is inside the incorporated limits of City of Corpus Christi and zoned as "Farm Rural."

6.2 Surrounding Land Uses Within One Mile

The surrounding land is used primarily for public works (the J.C. Elliott Landfill), institutions (a U.S. Navy airfield), agricultural, and industrial or commercial purposes with scattered residences. Information about land uses is provided in Part I/II Section 3.1.2 of the application.

6.3 Growth Trends

Development in the vicinity of the site within the last 10 years includes the extension of SH 286 past the east side of the site and residential development to the southwest across Oso Creek. There has been little growth in the vicinity of the site otherwise. The forecast for the next 10 years is an annual growth rate of 0.2 percent.

6.4 Residences and Businesses

The closest two residences to the site are approximately 0.5 miles southeast of the facility on SH 286 across Oso Creek. There are other residences approximately 0.75 miles north of the site and a residential development approximately one mile southwest of the site across Oso Creek.

There are approximately 70 businesses, including commercial and light industrial activities, within one mile of the site. The commercial and light industrial businesses closest to the site are approximately 0.5 miles northeast of the site near the intersection of SH 286 and SH 357.

6.5 Schools and Churches

There are no known schools within one mile of the site. There is one church located approximately 0.5 miles south of the site, across Oso Creek at the intersection of SH 286 and Bay Area Drive.

6.6 Cemeteries

There are no known cemeteries within one mile of the site.

6.7 Historical Sites

A cultural resources survey for the site identified three previously recorded archaeological sites near but outside the proposed transfer station boundary: one each to the north, the west and the southeast. The northern and western sites are pre-historic sites while the southeast site is a historic house site dating to the mid-twentieth century.

The cultural resources survey found no artifacts and recorded no archaeological sites or historic structures. Plans to investigate a historic structure site by shovel testing were terminated due to vegetation and inaccessibility. The Texas Historical Commission has reviewed the survey and determined that the proposed project will have no effect on identified archaeological sites or cultural resources.

6.8 Water Wells Within 500 Feet of the Facility

A well search conducted by Banks Environmental Data, Inc. concluded there are no known wells located within a 500-foot radius of the facility boundary.

7. Location Restrictions

Location restrictions for municipal solid waste landfills are set forth in 30 TAC Chapter 330 Subchapter M.

7.1 Easements and Buffer Zones

No solid waste unloading, storage, disposal, or processing operations will occur within any easement, buffer zone, or right-of-way that crosses the facility. All pipeline and utility easements will be clearly marked. A minimum separating distance of 50 feet will be maintained between solid waste storage and processing units and the facility boundary. The buffer zone must provide safe passage for firefighting and other emergency vehicles.

7.2 Floodplains

The permit boundary is located within a 100-year floodplain. Transfer station roads and buildings will be elevated to at least one foot above the floodplain elevation so that operations prevent washout during a 100-year storm event. Therefore, the facility is considered in compliance with 30 TAC §330.547.

7.3 Groundwater

The facility is not located over the recharge zone of the Edwards Aquifer. Therefore, the facility is considered in compliance with 30 TAC §330.549.

7.4 Endangered or Threatened Species

The applicant coordinated with the United States Fish and Wildlife Service and Texas Parks and Wildlife Department (TPWD) regarding threatened and endangered species. The applicant performed a survey for threatened and endangered species habitat at the proposed transfer station. The survey determined that the proposed operation of this facility will not result in the destruction or adverse modification of the critical habitat of endangered or threatened species, or cause or contribute to the taking of any endangered or threatened species. TPWD responded with no objections. Therefore, the facility is considered in compliance with 30 TAC §330.551.

7.5 Wetlands

There are no jurisdictional wetland areas within the permit boundary. Therefore, the facility is considered in compliance with 30 TAC §330.553.

8. Facility Transportation and Access

The primary access route to the facility is SH 286, which connects urban Corpus Christi northeast of the site with rural Nueces County to the south. SH 286 has northbound and southbound two-lane frontage roads that intersect Greenwood Drive at four-way stop signs. Vehicles will reach the site by stopping at Greenwood Drive on the SH 286 frontage road and then turning westward onto Greenwood Drive. At SH 286, Greenwood Drive is a private road (60-ft wide, asphalt-paved, and owned by the City of Corpus Christi) along the north and west sides of the site which also serves the closed J.C. Elliott Landfill (MSW Permit No. 423A) to the west and the active J.C. Elliott Transfer Station (MSW Registration No. 40322) to the north.

Trucks delivering waste to the site and then exiting will typically use a new driveway to be connected to Greenwood Drive at the northeast of the facility. An optional access route from about one mile to the north would follow Greenwood Drive south from SH 357 to internal roads across the closed J.C. Elliott Landfill property and then follow the west and north sides of the proposed transfer station.

Transfer trucks may use an optional entrance at the southwest of the transfer station. Transfer trucks will leave the proposed transfer station at the southeast corner and proceed across a new driveway on land owned by the City of Corpus Christi to reach the southbound frontage road of SH 286 south of Greenwood Drive. Transfer trucks may also exit the facility using the main driveway onto Greenwood Drive.

The volume of traffic to the facility is anticipated to be 2,500 vehicles per day at the maximum daily capacity of 2,500 tons per day. Texas Department of Transportation has advised the applicant that they have no objection to the proposed facility improvements or the City of Corpus Christi proceeding with the Type V facility permit application. The applicant is therefore considered in compliance with 30 TAC §330.23(a).

9. Surface Water Protection

Stormwater will be protected from contamination by performing solid waste receiving and transfer operation within an enclosed building. Solid waste storage may occur either within the enclosed building or in covered trailers parked outdoors. Roof drainage will flow to the ground surface where it will, with other stormwater, flow overland stormwater to swales, ditches, and culverts for discharge off the site. The facility will obtain the appropriate construction and operation permits under the Texas Pollutant Discharge Elimination System.

Contaminated water generated within the enclosed building will flow across the concrete building floor to one or more catch basins and then drain to a sump. From the sump contaminated water will be pumped offsite to a permitted wastewater treatment plant.

The storage and processing pad will have a combination of concrete or soil surfacing surrounded by concrete curbs or earthen berms so that surface water can be contained and inspected before being removed.

10. Site Development Plan and Site Operating Plan

The Site Development Plan is Part III of the permit application and sets forth the engineering design and other technical aspects of the facility. The Site Operating Plan is Part IV of the permit application and provides operating procedures for the site personnel for the daily operation of the facility to maintain the facility in compliance with the engineering design and applicable regulatory requirements. These documents become part of the permit.

11. Financial Assurance

Financial assurance will be maintained for the facility in accordance with 30 TAC Chapter 37 (Financial Assurance) and 30 TAC Chapter 330 Subchapter L.

12. Public Participation Process

Technical review of the application has been completed, the application has been declared technically complete, and a draft permit and *Notice of Application and Preliminary Decision* (NAPD) have been prepared. Information about the application, the draft permit, the notice, and this technical summary will be filed in the TCEQ Office of the Chief Clerk for processing.

The public can participate in the final decision on the issuance of a permit as follows:

- 12.1 The TCEQ will hold a public meeting if the executive director determines that there is substantial public interest in the application or if requested by a local legislator. During a public meeting the commission accepts formal comments on an application and holds an informal question and answer period.
- 12.2 The NAPD will be sent to the applicant and published in a newspaper. The NAPD provides instructions for submitting comments, requesting a public meeting, or requesting a hearing on the application, and that all comments or requests must be submitted within 30 days from the date of newspaper publication of the notice.
- 12.3 After the comment period has ended, if comments are received a *Response to Comments* (RTC) will be prepared. The RTC will be sent to all persons who submitted comments or requested a public meeting or hearing on the application. Persons who receive the RTC will have an additional 30 days after the date the RTC is mailed in which to request a public hearing.
- 12.4 After the 30-day period to request a hearing has ended, if any requests have been received the matter will be placed on an agenda for a meeting of the TCEQ commissioners to determine whether to grant any of the hearing requests and refer the matter to the State Office of Administrative Hearings for a public hearing.
- 12.5 A public hearing is a formal process in front of an Administrative Law Judge (ALJ) who conducts the hearing. The applicant and protestant party(ies) present witnesses and testimony to support or dispute information contained in the application. When the hearing process is complete, the ALJ will issue a *Proposal for Decision* (PFD). The PFD will be placed on an agenda for a meeting of the TCEQ commissioners to consider whether to grant or deny the application.
- 12.6 After the commission has acted on an application, a motion for rehearing may be made by a party that does not agree with the decision. A motion for rehearing must be filed no later than 25 days after the party or the party's attorney of record is notified of the decision. The motion may be set on another agenda for consideration by the commission, or allowed to expire by operation of law.

12.7 Applications for which no one requests a contested case hearing and which meet all other requirements in 30 TAC 50.133(a) are uncontested applications and will be acted on by the executive director. An uncontested application will be placed on the executive director's agenda and the permit will be issued. The TCEQ will then mail notice that the permit was issued. The notice will be mailed according to 30 TAC 50.133(b) to the applicant, to any person who requested to be on the mailing list for the application, any person who submitted comments during the public comment period, and any person who timely filed a request for a contested case hearing. The notice will include information about the opportunity to file a motion to overturn the executive director's decision. Any motion to overturn the executive director's decision must be submitted no later than 23 days after the date the agency mails notice of the issued permit.

13. Executive Director's Preliminary Decision

The executive director has made the preliminary decision that this proposed permit, if issued, meets all statutory and regulatory requirements.

14. Additional Information

For information concerning the regulations covering this application, contact the MSW project manager:

Mr. Robert C. Pedersen, P.E.
Municipal Solid Waste Permits Section, MC 124
Waste Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711
(512) 239-2580

For more detailed technical information concerning any aspect of this application or to request a copy of the Site Development Plan, please contact the consulting engineer or the applicant at the address provided at the beginning of this summary.

The application can be viewed on the internet at www.tceq.texas.gov/goto/wasteapps.

For information concerning the legal aspects of the hearing process, agency rules, and submitting public comments, please contact the TCEQ Office of the Public Interest Counsel at (512) 239-6363.