

**Application Summary  
of the  
Strategic Materials Inc.  
MSW Registration Application  
No. 40342**

**Type V Transfer Station  
Municipal Solid Waste Facility  
Ellis County, Texas**

**Applicant:  
Strategic Materials Inc.**

Date Prepared: 2/28/2025

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

The information contained in this summary is based upon the permit application and has not been independently verified.

Name of Applicant: Mr. Zach Aucker  
Environmental Compliance Manager  
Strategic Materials Inc.  
1856 Old Berwick Rd  
Bloomsburg, Pennsylvania 17815  
(570-238-5232)

Name of Facility: Strategic Materials Inc.

Contact Person: Mr. Zach Aucker  
Environmental Compliance Manager  
Strategic Materials Inc.  
1856 Old Berwick Rd  
Bloomsburg, Pennsylvania 17815  
(570-238-5232)

Consulting Engineer: Amanda Marks P.E.  
400 E. Royal Lane  
Building 3, Suite 203  
Irving, Texas 75039  
(469-983-8600)

***[This template is provided as a guide and must be revised as needed for each application.]***

## **1.0 General Information**

### 1.1 Purpose:

The applicant has submitted this application requesting authorization to operate an authorized Type V Transfer Station in Ellis County, Texas. This application was submitted on September 17, 2024, in accordance with Title 30 of the Texas Administrative Code (30 TAC) Chapter 330. The area within the proposed facility boundary is approximately 11 acres.

### 1.2 Waste Streams to be Accepted:

The facility will accept mostly glass material with non-glass material such as plastic, paper, cardboard, and metals are removed. Metals are sent offsite for recycling. Other materials will be removed as trash and transported offsite.

### 1.3 Waste Steams Not Authorized to be Accepted:

Any other waste which is prohibited and not listed in Registration (Section 1.3.2) may not be accepted.

## **2.0 Application Review**

This application is under review for compliance with the applicable requirements of 30 TAC Chapters 281, 305, and 330. On September 17, 2024, the application was determined to be administratively complete. The application is currently being 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 330 contains the minimum regulatory criteria for municipal solid waste facilities. When it is determined that the information in this permit application demonstrates compliance with these regulatory requirements and a draft permit can be prepared, the application will be declared technically complete. A Notice of Application and Preliminary Decision will be issued when the technical review is completed.

### **3.0 Facility Location and Size**

#### 3.1 Location

The Strategic Materials Inc. is located in Ellis County, Texas at the 922 South 9<sup>th</sup> Street, Midlothian, Texas. The location is illustrated in Attachment 1 (General Location Map) of this Application Summary.

#### 3.2 Facility Permanent Benchmark

Latitude: 32.470203° N

Longitude: -96.954755° W

Elevation: 600 feet above mean sea level (msl)

#### 3.3 Facility Size:

The total area within the permit boundary under the proposed permit is approximately 11 acres. The site layout is illustrated in Attachment 2 (Site Layout Plan) of this Application Summary.

### **4.0 Facility and Operations**

The facility consists of a site entrance with security fencing, a paved entrance road to the site, all-weather access roads, and surface drainage and stormwater run-on/runoff control structures. The permittee will be authorized to operate the facility subject to the limitations contained in the registration. All waste processing operations will be limited to the units and other features identified in the Site Development Plan and the Site Operating Plan. The permittee will be authorized to accept and process glass material acceptance and processing with a greater than 10% recycling rate.

### **5.0 Facility Design and Construction**

The Site is located within the city limits of the City of Midlothian. The Site can be accessed via an entrance along Robinson Road. There are no road improvements anticipated for this facility. This property states that it has a zoning designation from the City of Midlothian of Medium Industrial. But, the proposed use of the property as a MSW transfer station with material recovery (processing and storage) **has not been** determined by the City of Midlothian to be allowable with the Medium Industrial zoning designation.

The Strategic Materials facility includes two (2) engineered metal buildings where processing operations occur. The Optical Sort Line (P02) and 5/8 Line (P03) are located within a single-story 8,350 square foot building on concrete slab. The 12-Mesh Line (P04) are located within a single-story 4,850 square foot building on concrete slab. Each building has a sloped metal roof. The buildings will be protected from the weather elements. All working areas will be well ventilated.

The Strategic Materials facility is currently designed to accommodate 475 tons of recyclable waste per day and anticipates approximately 50 transfer trucks will enter the facility per day. All generated waste from the processing operations are trucked to designated disposal landfill within 24 - 72 hrs. The max capacity of waste that can be stored is 200 tons (8 loads). At no time will the amount of stored waste exceed the ultimate capacity of the facility.

The facility will restrict additional solid waste receipt if a significant work stoppage should occur due to a mechanical breakdown or other causes. Under such circumstances, incoming solid waste will be diverted to an approved backup storage, 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 will be

taken to remove the accumulated solid waste from the facility to SMI's storage and processing disposal facility located in Houston, TX.

## **6.0 Land Use**

Land use in the vicinity of the site was evaluated in accordance with 30 TAC §330.61(h).

### **6.1 Zoning**

The facility location map and a site plan of the facility is bounded on the southwest by US 287 with approximately 1,200 feet of frontage, on the north by Robinson Road with approximately 1,000 feet of frontage, and on the east by Eastgate Road with approximately 750 feet of frontage. Direct vehicular access is provided on Robinson Road and Eastgate Road, which are both local streets with a two-lane cross-section. Both roadways currently provide direct access to US 287 at unsignalized intersections with full median openings and auxiliary turn lanes on US 287. The location is outside of the incorporated limits of the City of Midlothian, Ellis, Texas.

The question of SMI having the appropriate zoning designation from the City of Midlothian must be concluded, prior to the registration being declared technically complete.

### **6.2 Surrounding Area Land Use**

The Site is located within the immediate vicinity of a medium industrial area. To the southwest, the Site is directly bordered by Highway 287 followed by riparian forested area along Waxahachie Creek. To the north, the Site is bordered by Robinson Road followed by industrial buildings with various uses including air conditioning contract services, electrical supply warehouses, and a food pantry. To the east, the Site is bordered by Eastgate Road followed by industrial buildings with various uses including dog grooming, pest control, and woodworking facilities, a self-storage facility, and a gym. In the general area surrounding the industrial zone within one (1) mile of the Site includes land uses that are typically undeveloped, or currently under development for residential use. A land use/zoning map can be found in Attachment II-5, Figure II.17.

### **6.3 Growth Trends**

Aerial review data shows a high volume of residential homes under construction within five (5) miles of the Site. No other development of commercial businesses appears to be occurring within five (5) miles of the Site.

### **6.4 Residences and Businesses**

To the southwest, the Site is directly bordered by Highway 287 followed by riparian forested area along Waxahachie Creek. To the north, the Site is bordered by Robinson Road followed by industrial buildings with various uses including air conditioning contract services, electrical supply warehouses, and a food pantry. To the east, the Site is bordered by Eastgate Road followed by industrial buildings with various uses including dog grooming, pest control, and woodworking facilities, a self-storage facility, and a gym. In the general area surrounding the industrial zone within one (1) mile of the Site includes land uses that are typically undeveloped, or currently under development for residential use. A land use/zoning map can be found in Attachment II-5, Figure II.17.

### **6.5 Schools and Churches**

The nearest school, Midlothian Heritage High School, is located approximately 0.84 miles northeast of the Site. No other schools are located within the Site. Two churches are located within one mile of the Site. An established sanctuary for Stonegate Church is located approximately 0.53 miles east of the Site, however this church owns additional undeveloped land in the general vicinity of Site.

The nearest parcel owned by Stonegate Church, which totals approximately 6.11 acres, is located approximately 350 feet northeast of the Site, while another parcel, totaling approximately 67.07 acres, is located approximately 840 feet east of the Site. A map depicting churches within one (1) mile of the Site can be found in Attachment II-1, Figure II.4.

#### 6.6 Cemeteries

Two cemeteries are located within one mile of the Site. Mt. Zion Cemetery is located approximately 0.53 miles south of the Site. Krantz Family Cemetery is located approximately 3,560 feet west of the Site. A map depicting cemeteries within one (1) mile of the Site can be found in Attachment II-1, Figure II.4.

#### 6.7 Historical Sites

There are no archaeological sites, historic sites, or sites with exceptional aesthetic qualities adjacent to the Site.

#### 6.8 Water Wells

According to a review of Texas Water Development Board Water Data Interactive Map, no water wells are located within 500 feet of the Site. The nearest water well, State Well Number 3333202, is located approximately 0.63 miles southeast of the Site. Attachment II-1, Figure II.2 depicts there are no well locations within 500 feet of the Site.

### 7.0 **Location Restrictions**

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

#### 7.1 Easements and Buffer Zones

According to review of Texas Department of Transportation (TxDOT) right-of-way maps and the National Conservation Easement Database, the Site is not located within any easements, buffer zones, or rights-of-ways. 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 feedstock and final product storage areas and 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:

According to FEMA Flood Insurance Rate Map (FIRM) 48139C0155G, dated October 19, 2023, the Site is not located within the Federal Emergency Management Agency (FEMA) 100-year flood zone.

#### 7.3 Wetlands:

According to 30 TAC §330.61 (m) (2) and (3), a wetlands determination is required in accordance with 30 TAC §330.553. According to 30 TAC §330.553, a wetlands determination is required for new municipal solid waste landfill units, lateral expansions, or material recovery operations from a landfill. As the recycling facility is an existing operation, 30 TAC §330.61 (m) (2) and (3) and 30 TAC §330.553 do not apply. The Site is fully developed as a recycling facility and the natural state of the Site is highly altered. According to the National Wetland Inventory and National Hydrography Dataset, no waterbodies or wetlands are located within the Site, as depicted in Attachment II-11, Figure II.24 and Attachment II-1, Figure II.7, respectively. Based on in-field review of the Site, no wetlands or potentially jurisdictional waters of the U.S. (WOTUS) are located on Site.

#### 7.4 Protection of Endangered Species

Search of Texas Natural Diversity Database for Element Occurrence (EO) records within one (1) mile of the Site found that no EO records for federally-or state-listed species within the vicinity of the Site. Correspondence with the United States Fish and Wildlife Service and the Texas Parks and Wildlife Department indicates that no impacts to threatened or endangered of plant or animal species are expected from the proposed operation of this facility.

### 8.0 Facility Transportation and Access

Direct access to the site will primarily occur on Robinson Road with limited, secondary access (truck egress only) provided on Eastgate Road. Both roadways are public and provide ample excess roadway capacity. No improvements to the roadways are required to accommodate the trips generated by the proposed use. The subject site is accessible from US 287 in Midlothian, Texas. Currently, US 287 operates well over the theoretical roadway capacity. However, the addition of frontage roads and the removal of at-grade intersections along US 287, which will significantly increase roadway capacity, is underway by the Texas Department of Transportation. The project to upgrade the corridor is scheduled to be let in 2028 pending funding availability. Upon completion, US 287 will provide surplus roadway capacity. The proposed use is projected to generate approximately 156 trip ends (50 trucks generated and 28 employees generated) per day between 7:30 AM and 5:00 PM. The majority of employees will arrive at the site during the AM peak traffic period and depart during the PM peak traffic period. The majority of truck trips generated by the site will occur outside of the peak traffic hours.

### 9.0 Surface Water Protection

According to the Surface Water Quality Viewer managed by the TWDB, there are no surface water bodies or stream segments within the Site. However, there are multiple streams within one (1) mile of the Site, including Waxahachie Creek. According to the National Hydrography Database (NHD), there are no waterbodies or flowlines within the Site. According to the Texas Watershed Viewer managed by the Texas Parks and Wildlife, the Site is located within the Waxahachie Creek Watershed, Headwaters Waxahachie Creek sub-watershed, the Trinity River Basin, and the Chambers River sub-basin. Surface flow from the Site enters a MS4, flows approximately 841 feet southeast to Waxahachie Creek within the Headwaters Waxahachie Creek Watershed (120301090301). A figure depicting NHD data, and the surface flow path can be found in Attachment II-1, Figure II.2.

### 10.0 Site Development and Operation

The Site Development Plan (SDP) is Part III of the permit application and sets forth the engineering design and other technical aspects of the facility. The Site Operating Plan (SOP) is Part IV of the permit application.

The SOP provides operating procedures for the site management and the site operating 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.

**11.0 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.

**12.0 Attachments**

Two attachments from the permit application are included with this application summary:

Attachment 1 - General Location Map

Attachment 2 - Site Layout Plan

**13.0 Additional Information**

For information concerning the regulations covering this application, contact:

Mr. Arthur Denny  
MSW Permits Section, MC 124  
Waste Permits Division  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, TX 78711  
(512) 239-6610

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 complete application may be found posted on the internet at the following website address:

[http://www.tceq.texas.gov/permitting/waste\\_permits/msw\\_permits/msw\\_posted\\_apps.html](http://www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw_posted_apps.html)



STRATEGIC MATERIALS, INC.  
 APPROXIMATELY 11 ACRES  
 3240 ROBINSON ROAD  
 MIDLOTHIAN, ELLIS COUNTY, TEXAS

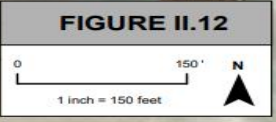
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**FACILITY ACCESS CONTROL MAP**

PROJECT NUMBER: 19-0502  
 FILE NAME: FIGURE\_X\_SITE\_TRAFFIC  
 DATE: 9/11/2024  
 DRAWN BY: LS  
 APPROVED BY: AM



Projection: NAD 1983 StatePlane Texas North Central (954262 Feet)  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community





Attachment 2 (insert site layout drawing)

