

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

Re: Response to Technical Notice of Deficiency 1 Letter – Major Permit Amendment Application
City of Garland Transfer Station Facility
Garland, Dallas County, Texas
Proposed MSW Permit No. 12A
Tracking No. 27678367; RN102214145/CN600328694

Dear Mr. Russom:

On behalf of the City of Garland, please find enclosed one original and one copy of the replacement pages for the referenced permit amendment application. The attached replacement pages were developed to incorporate the comments included in your e-mail dated September 9, 2022. Additionally, an email containing a web link to download this response was sent to mswper@tceq.texas.gov.

The TCEQ's comments are provided below with a response to each comment.

1. In accordance with 30 Texas Administrative Code (TAC) §330.55, address Standard Air Permits for Municipal Solid Waste Transfer Stations.

Response:

Part IV, Section 7.12 – Ventilation and Air Pollution Control (§330.245), page IV-19 addresses the applicable air quality regulation requirements for the facility. The facility is not subject to Subchapter U requirements because the facility is not allowed to store 1,000 tons or more of MSW overnight; the facility meets the requirements of the Permit by Rule under §106.534.

2. Section 9, General Geology and Soil Statement, third paragraph, indicates the facility as a landfill. Revise the facility description to be a MSW Transfer Station.

Response:

Page I/II-9-1 was corrected as requested.

3. Provide additional information about the facility's recycling activities, scrap metal recycling, and any future planned plastic or glass recycling. Provide any data or percentage associated with the current recycling operations.

Response:

Part IV, Section 2.2 – Volume and Rate of Transfer, page IV-3, has been updated to provide clarification for the rate of recyclables transferred at the facility. Note that the facility does not have a recyclable materials sorting operation. Any recyclable material collected from residual areas (mixed recyclables) are transferred at the facility to a third-party material recovery facility.

4. **Page I/II-14-2, Property Owner Affidavit, indicates "to accept certain special wastes" as part of the permit amendment application. Provide additional and consistent information regarding "special waste acceptance" if this is a request as part of the permit amendment application.**

Response:

The Property Owner's Affidavit references the acceptance of special wastes consistent with Parts I/II, Section 2.1.3 – Waste Acceptance Plan and Appendix IVA – Special Waste Acceptance Plan. The Property Owner's Affidavit acknowledges acceptance of "certain special wastes" as detailed in the referenced sections of the application. Part I/II, Section 2.1.3 – Waste Acceptance Plan, page I/II-2-4 has been updated to provide additional clarification.

5. **Page III-3, Section 2.1.2; discuss the 4-foot chain link fence with reference to 30 TAC §330.223(c), which requires a four-foot barbed wire fence or a six-foot chain-link fence or equivalent.**

Response:

Part III, Section 2.1.2 – Fences and Access Control §330.63(b)(1), page III-3 has been updated to provide clarification for the height and type of fences.

6. **Justify the need for an operation on Saturdays with reference to 30 TAC §330.229(a) that indicates working days Monday through Friday.**

Response:

The facility operates on Saturdays to provide uninterrupted services to the public. Collection of residential waste and allowing residents to utilize the facility on Saturdays is a crucial component of the community's management of municipal solid waste. Part IV, Section 7.4 – Operating Hours (§330.229), page IV-16 has been updated to provide clarification for operating on Saturdays.

7. **Page IVA-2, lead-acid and lithium-ion storage batteries are listed as wastes that may be accepted at the facility. Revise or explain with reference to 30 TAC §330.15(e) that lists prohibited specific wastes in any MSW facility.**

Response:

Part IV, Appendix IVA – Special Waste Acceptance Plan, Section 1, page IVA-1 has been revised to clarify that the listed special wastes are “for disposal or recycling as indicated for each item.”

- 8. Revise the statement “only those wastes authorized for disposal at a solid waste management facility will be accepted” to be “only those wastes authorized for disposal at a municipal solid waste management facility will be accepted.”**

Response:

Requested change has been made on Part IV, Appendix IVA, Section 1 – Introduction, page IVA-2.

- 9. Page IV-16, Section 7.2.1, explain the frequency of inspection with reference to the first paragraph; facility staff person will visually inspect incoming waste loads, and in the second paragraph, incoming loads will be inspected on a random basis.**

Response:

Part IV, Section 7.2.1 – Load Inspection Procedure, page IV-16 has been updated to provide clarification for load inspections. MSW is delivered by the City-owned and operated collection vehicles from residential and commercial customers, and an incidental amount of MSW is brought in by residents.

Please note that the following were also updated:

- TCEQ-00650 Form – Since TCEQ recently updated this form, this form is provided in its entirety as a complete replacement due to a change in the form’s format. Revisions made are identified below by section number and the revised form’s page number.
 - Section 12, page 4 – Revised contact name, title, and phone number.
 - Section 17, page 6 – Revised Site Operator’s contact name, title, mailing address, zip code, phone number, and e-mail address.
 - Section 20, page 8 – Revised City Health Authority’s contact name, phone number, and e-mail address.
 - Signature page, page 11 – Revised authorized signatory name, title, and added email address.
- Parts I/II, Section 17 - Appointments, page I/II-17-2 – Revised Notice of Appointment.
- Part IV, Section 2.1 – Properties and Characteristics of Waste (§330.203(a)), page IV-2 – Revised multiple waste class references from Roman numerals to cardinal numbers. Also, the last sentence in this section (page IV-3) has been revised to provide clarification.

During your review, if you need additional information or have any questions, please call.

Sincerely,



Nevzat Turan, P.E.
Principal

Copies Submitted: 1 Original and 1 Unmarked Copy

Attachments: Attachment 1: Replacement Pages with Redline Strikeout
Attachment 2: Unmarked Complete Replacement Pages

cc: Waste Section Manager, TCEQ - Region 4 (Attachment 2 only)
Garland Central Public Library (Attachment 2 only)
Uriel Villalpando, City of Garland

ATTACHMENT 1
REPLACEMENT PAGES
WITH REDLINE STRIKEOUT

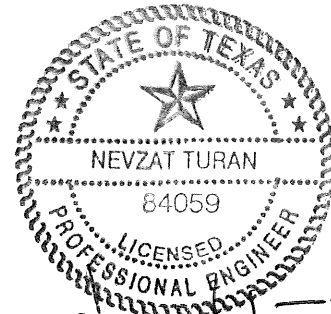
**CITY OF GARLAND TRANSFER STATION FACILITY
GARLAND, DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-12A**

MAJOR PERMIT AMENDMENT APPLICATION

Prepared for
City of Garland

June 2022
Revised July 2022

Revised October 2022



Prepared by

Weaver Consultants Group, LLC
TBPE Registration No. F-3727
6420 Southwest Boulevard, Suite 206
Fort Worth, Texas 76109
817-735-9770

WCG Project No. 0647-003-11-11

This document is issued for permitting purposes only.

**CITY OF GARLAND TRANSFER STATION FACILITY
GARLAND, DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-12A**

MAJOR PERMIT AMENDMENT APPLICATION

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Prepared for

City of Garland

June 2022

Revised July 2022

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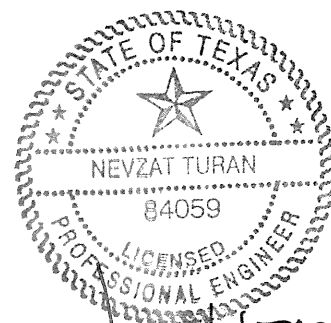
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**CITY OF GARLAND TRANSFER STATION FACILITY
GARLAND, DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-12A**

MAJOR PERMIT AMENDMENT APPLICATION

**PARTS I/II
GENERAL APPLICATION REQUIREMENTS**

Prepared for
City of Garland
June 2022
Revised October 2022



[Handwritten Signature]
10/12/2022

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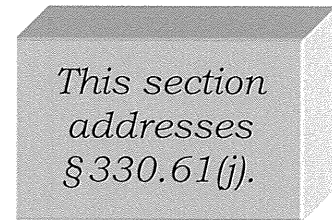
- **Industrial Waste (Nonhazardous):** Solid waste resulting from or incidental to any process of industry or manufacturing, or mining or agricultural operations, classified as follows:
 - Class 2 Industrial Solid Waste – Any individual solid waste or combination of industrial solid wastes that are not described as Hazardous, Class 1, or Class 3, as defined in Title 30 TAC §335.506 (relating to Class 2 Waste Determination).
 - Class 3 Industrial Solid Waste – Inert and essentially insoluble industrial solid waste, usually including, but not limited to, materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc., that are not readily decomposable as further defined in Title 30 TAC §335.507 (relating to Class 3 Waste Determination).
- **Construction-Demolition Waste:** Waste resulting from construction or demolition projects; includes all materials that are directly or indirectly the by-products of construction work or that result from demolition of buildings and other structures, including, but not limited to, paper, cartons, gypsum board, wood, excelsior, rubber, and plastics.
- **Special wastes:** Certain special wastes including dead animals that are incidental to routine collection of municipal solid waste and that can be systematically processed along with other solid waste. A special waste acceptance plan is included in Part IV – SOP, Appendix IVA.

Consistent with Title 30 TAC §330.15(e), the facility will not accept the following:

- Regulated hazardous waste
- Radioactive waste
- PCBs
- Liquid Wastes
- Certain special wastes, including:
 - hazardous waste from conditionally exempt small-quantity generators that may be exempt from full controls under Chapter 335, Subchapter N of this title (relating to Household Materials Which Could Be Classified as Hazardous Wastes);
 - Class 1 industrial nonhazardous waste;
 - untreated medical waste;
 - municipal wastewater treatment plant sludges, other types of domestic sewage treatment plant sludges, and water-supply treatment plant sludges;
 - septic tank pumpings;

9 GENERAL GEOLOGY AND SOILS STATEMENT

According to the Bureau of Economic Geology (BEG) Geologic Atlas of Texas, Dallas Sheet (1987) the site is located upon an outcrop of the Austin Chalk Formation. The Austin Chalk Formation is characterized as calcareous marine limestone with lesser occurrences of shale, clay lenses, and bentonite seams.



The Austin Chalk Formation is underlain by the Eagle Ford Formation. The contact between the Austin Chalk Formation and the older, underlying Eagle Ford Formation occurs approximately 14 miles west of the site at its closest extent.

Regional Cretaceous aquifers beneath the landfill MSW transfer station include the Woodbine and Trinity aquifers. The Woodbine Formation is classified by the Texas Water Development Board (TWDB) (Ashworth and Hopkins, 1995) as a minor Texas aquifer, which is located above the underlying Trinity Aquifer. The Paluxy, Glen Rose, and underlying Twin Mountain formations comprise the Trinity Aquifer. These aquifers are separated by approximately 500 feet of low permeability sediments and are not hydraulically connected (Harden, 2004).

According to the US Department of Agriculture's Natural Resources Conservation Service website regarding the Soil Survey of Dallas County, the soils beneath the site consist largely of Houston Black Clay with smaller areas of Lewisville silty clay and Lewisville-Urban land complex soils. The Houston Black soil series consist of deep (up to 100 inches depth) clayey soils that form on level to gently sloping uplands due to weathering of underlying shale or marl sediments. The Natural Resources Conservation Service (NRCS) describes the Houston Black Clay as firm to hard, a black color grading to shades of brown and olive at depth, plastic with a high shrink-swell potential, slow permeability, calcareous, and alkaline with few to common gypsum and calcite crystals and seams. The Houston Black Clay is described as moderately well drained with 1 to 3 percent slopes. The Lewisville silty clay is described as well drained with 5 to 8 percent slopes. The Lewisville-Urban land complex is described as well drained with 0 to 4 percent slopes. All three soil types are reported to be clayey with low permeability, high water capacity, and high shrink-swell potential.

CITY OF GARLAND TRANSFER STATION FACILITY
GARLAND, DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-12A

MAJOR PERMIT AMENDMENT APPLICATION

PART III – SITE DEVELOPMENT PLAN

Prepared for

City of Garland

June 2022

Revised October 2022



Prepared by

Weaver Consultants Group, LLC

TBPE Registration No. F-3727

6420 Southwest Blvd., Suite 206

Fort Worth, Texas 76109

817-735-9770

WCG Project No. 0647-003-11-11

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2 GENERAL FACILITY DESIGN

2.1 Facility Access

2.1.1 Adequacy of Access Roads and Highways §330.63(a)

Vehicles bound for the Garland TS will access the Garland TS entrance from Commerce Street, East Centerville Road, and State Highway 66. The entrance is located approximately ¼ mile southeast of State Highway 66 on Commerce Street as shown on Figure I/II-4.1 in Section 4 of Parts I/II. Commerce Street, State Highway 66, and East Centerville Road are public roads maintained by Dallas County and the Texas Department of Transportation (TxDOT).

As noted in Parts I/II, Section 8.0 and in the Traffic Study included in Appendix I/IIA, the site access roads, Commerce Street (formerly Garland Road), North Country Club Road, East Centerville Road, and State Highway 66, will continue to provide adequate access to the site throughout the life of the facility. No improvements to roadways, driveways or shoulders are necessary or proposed for this application.

Commerce Street is asphalt-paved to support the waste hauling vehicles and trailers transferring waste to the Hinton Landfill and is mainly utilized by the City departments and a few commercial or industrial facilities and residences. The entrance road is constructed of asphalt pavement from the Commerce Street connection and has been designed for the traffic flow experienced by the Garland TS.

In accordance with Title 30 TAC §330.61(i)(4), TxDOT was contacted to determine if any traffic or location restrictions apply to the facility. TxDOT's approval of the Traffic Study is included in Parts I/II, Appendix I/IIA.

2.1.2 Fences and Access Control §330.63(b)(1)

Vehicle access to the Garland TS building is controlled by the scalehouse and TS spotter during operating hours. An attendant is on site at the scalehouse and/or in the Garland TS building during operating hours to regulate access to the Garland TS. Outside operating hours, a gate constructed of suitable fencing materials located at the facility entrance on Commerce Street is and will continue to be locked to prevent unauthorized vehicle access. Vehicle access to the site at points other than the entry gates will be prevented by a minimum 46-foot-high chain link, 4-strand foot barbed wire, or sheet metal fence located around the perimeter of the Garland TS property.

**CITY OF GARLAND TRANSFER STATION FACILITY
GARLAND, DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-12A**

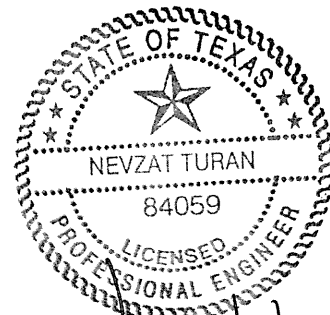
**MAJOR PERMIT AMENDMENT APPLICATION
PART IV – SITE OPERATING PLAN**

Prepared for

City of Garland

June 2022

Revised October 2022



[Handwritten Signature]
10/12/2022

Prepared by

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2 WASTE ACCEPTANCE AND ANALYSIS (30 TAC §§330.203 AND 330.205)

2.1 Properties and Characteristics of Waste (§330.203(a))

The major classifications of solid waste accepted at the Garland TS include household waste, yard waste, commercial waste, Class 2 and Class 3 non-hazardous industrial waste, and construction–demolition waste. The waste classifications are defined in Title 30 TAC §330.3.

The Garland TS accepts waste generated from residential, commercial, institutional, municipal, manufacturing, industrial, recreational, and construction sources within the Garland TS service area. Wastes accepted include paper, food wastes, glass, aluminum and other metals, plastics, grass clippings, other organic wastes, wood wastes, textiles, bricks, and other inert materials. The TS will accept special wastes in accordance with Appendix IVA.

Consistent with Title 30 TAC §330.15 the facility will not accept Class I1 non-hazardous industrial wastes, regulated hazardous wastes, regulated asbestos - containing material (RACM), liquid wastes, radioactive wastes, PCB wastes, infectious medical wastes, and other wastes prohibited by TCEQ regulations.

Class H2 industrial solid waste is any individual solid waste or combination of industrial solid wastes that cannot be described as Class I1 or Class H3, as defined in Title 30 TAC §335.506 (relating to Class H2 waste determination). Class H3 industrial solid waste is any inert and essentially insoluble industrial solid waste, including materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc., that are not readily decomposable as defined in Title 30 TAC §335.507 (relating to Class H3 waste determination). Class H2 and Class H3 industrial solid wastes may be accepted at the TS, provided processing of these wastes does not interfere with proper operation of the TS.

2.2 Volume and Rate of Transfer (§330.203(b) and §330.205(a) and (b))

The Garland TS serves the individuals and City collection system for the City of Garland. The TS will receive a maximum of 1,500 tons per day (tpd) of municipal solid waste for transfer to the Hinton Landfill or other properly permitted MSW disposal facilities. As economic conditions, population growth, and waste

generation rates change, the volume of incoming waste processed at the TS could increase or decrease.

Physical capacity of the existing solid waste TS building is higher than 1,500 tpd. In the future, the City may seek authorization to increase the maximum amount of waste received daily under the provisions of Title 30 TAC §305.62(j)(1)(C), unless future rule changes allow a different submittal.

The TS operation is designed to transfer all solid waste to the landfill on the same day it is received. The average length of time that waste remains at the facility is four hours. The maximum time waste material will be stored in the TS will not exceed 72 hours as discussed in Section 7.10. Waste will only be stored in the TS building. The city's brush collection trucks containing brush may park overnight at the site if they arrive at the end of workdays (i.e., not enough time to deliver to the landfill). The maximum amount of waste to be stored is 1,000 tons. If such accumulations occur, additional waste materials will not be received until the adverse conditions are abated.

If for any reason Hinton Landfill is not able to take solid waste, other properly permitted MSW landfills may be utilized. The intended destination of the liquids generated by the facility is the City of Garland POTW. Any recyclable materials collected at the site will be removed by authorized third party contractors or in the future by the City if the City seeks authorization to operate a recyclables facility.

In addition to the MSW transfer operations, the facility transfers source-separated recyclable materials (mixture of paper, glass, metal, plastic, etc. recyclables that are collected using separate bins at the source – e.g., residential customers). Source-separated recyclable materials that are not comingled with waste are collected from the residences of the City of Garland serviced by the City's collection fleet. This operation transfers over 12,000 tons per year of source-separated recyclables to a third-party material recovery facility. No sorting of recyclables occurs at the site – only transfer operations.

The Garland TS will maintain documentation in the operating record that all wastes leaving the facility are being adequately managed by other licensed or permitted facilities. All municipal solid wastes received at the Garland TS will be processed or disposed of at transferred to an authorized Type I municipal solid waste landfill management facility.

7.2.1 Load Inspection Procedure

A properly trained qualified facility staff person will visually inspect incoming waste loads. Should any indication of prohibited waste be detected, appropriate TS personnel will stop unloading of the vehicle to allow facility personnel to conduct a thorough evaluation of the load. The driver will be directed to park in a load inspection area of the tipping floor separated from other incoming waste, where the load will be discharged from the vehicle and transfer operation will be stopped. The load inspector will break up a portion of waste pile placed in the loading pit and inspect the material for any prohibited waste. Known prohibited waste will be placed back into the vehicle through the loading tunnel or from the loading pit, and the driver will be instructed to depart the facility. Should any regulated hazardous waste be detected, the entire load will be refused.

In addition to the above procedure, incoming loads will be inspected on a random basis. The TS supervisor will be responsible for determining the random load inspection schedule. The driver of the randomly selected load will be notified and instructed to proceed as above to a load inspection area.

The TS supervisor will maintain and include in the operating record the load inspection reports for randomly inspected loads. Load inspection reports, recorded on standardized forms, will be completed for each inspected load. The reports will include at a minimum, the date and time of inspection, the name and address of the hauling company and driver, the type of vehicle, the size and source of the load, contents of the load, indicators of prohibited waste, and results of the inspection. A copy of the load inspection report form is included in Appendix IVA of this SOP.

7.3 Spill Prevention and Control (§330.227)

The transfer station building has been designed to control and contain spills and contaminated water. Any spill that would occur on the tipping floor will flow into the unloading pit. Contaminated water generated by the Garland TS will consist of wash water resulting from wash water applied to the unloading pit and the transfer trailer loading tunnel. This wash water is collected in the lift station and pumped to the City of Garland sanitary sewer system. The facility has been designed sufficient to control and contain a worst-case spill within the TS.

7.4 Operating Hours (§330.229)

The Garland TS is authorized for waste acceptance from 7:00 am to 7:00 pm Monday through Saturday, in order to provide uninterrupted services to the public. The TS is closed on Sunday. There is no hourly limitation on conducting waste acceptance or other activities within the waste acceptance hours. The Garland TS is authorized for facility operations from 5:00 am to 9:00 pm Monday through Saturday. Facility operations include non-waste acceptance

**CITY OF GARLAND TRANSFER STATION FACILITY
GARLAND, DALLAS COUNTY, TEXAS**

**MAJOR PERMIT AMENDMENT APPLICATION
SITE OPERATING PLAN**

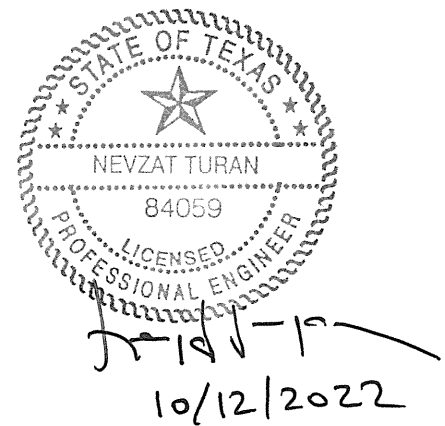
**APPENDIX IVA
SPECIAL WASTE ACCEPTANCE PLAN**

Prepared for

City of Garland

June 2022

Revised October 2022



Prepared by

Weaver Consultants Group, LLC
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817-735-9770

WCG Project No. 0647-03-11-11

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1 INTRODUCTION

This Special Waste Acceptance Plan (SWAP) outlines the acceptance requirements and review and approval process that will be used to accept special waste, as defined by the Texas Commission on Environmental Quality (TCEQ) for transfer at the City of Garland Transfer Station Facility (Garland TS). The operator of the transfer station is the City of Garland.

The TCEQ solid waste regulations define a special waste as “any solid waste or combination of solid wastes that because of its quantity, concentration, physical, or chemical characteristics, or biological properties requires special handling and disposal to protect the human health or the environment.”

This plan has been developed per Title 30 TAC §330.203(a) which requires special waste to be identified as part of the MSW application. Only those special wastes specifically listed below will be accepted at this facility without prior written approval from the Executive Director. Any requests for approval of special waste will be in accordance with Title 30 Texas Administrative Code (TAC) §330.171(b). The following special wastes may be accepted at this facility for disposal or recycling as indicated for each item.

- Dead animals and slaughterhouse waste that are incidental to routine collection of municipal solid waste and that can be systematically processed along with other solid waste.
- Dead animal carcasses and dead animal contaminated waste from the City of Garland Animal Services Department.
- Drugs, contaminated foods, or contaminated beverages, other than those contained in normal household waste.
- Empty containers which have been used for pesticides, herbicides, fungicides or rodenticides will be accepted for disposal provided the containers have been triple rinsed, crushed or rendered unusable upon receipt at the gate.
- Incidental amounts of non-regulated asbestos-containing materials (NRACM). The incidental amount is defined as the maximum of 10 percent of the waste received on an annual basis by scale weight (annual basis is defined as the latest 4 consecutive quarters).
- Waste from oil, gas, and geothermal activities subject to regulation by the Railroad Commission of Texas when those wastes are to be processed, treated, or disposed of at a municipal solid waste management facility. Only

those wastes authorized for disposal at a municipal solid waste management facility will be accepted.

- used motor oil and cooking oil (separately collected and recycled);
- lithium ion batteries (separately collected and recycled);
- used-oil filters from internal combustion engines (separately collected and recycled) and;
- Waste other than as described above and approved for acceptance by the Executive Director case-by-case basis.
- lead acid storage batteries (may be separately collected and recycled in the future if needed or mandated by elected officials);

No special waste will be received at the facility unless it is compatible with the compaction and loading equipment operated at the facility or unless modifications are made to the facility to accommodate the special waste. Any changes in operations will be approved in writing by the Executive Director of the TCEQ prior to implementation.

The following wastes will not be accepted at the Garland TS:

- Regulated hazardous waste
- Radioactive waste
- PCBs
- Liquid Wastes
- Certain special wastes, including:
 - hazardous waste from conditionally exempt small-quantity generators that may be exempt from full controls under Chapter 335, Subchapter N of this title (relating to Household Materials Which Could Be Classified as Hazardous Wastes);
 - Class 1 industrial nonhazardous waste;
 - untreated medical waste;
 - municipal wastewater treatment plant sludges, other types of domestic sewage treatment plant sludges, and water-supply treatment plant sludges;
 - septic tank pumpings;
 - grease and grit trap wastes;
 - wastes from commercial or industrial wastewater treatment plants, air pollution control facilities, and tanks, drums, or containers used for sipping or storing any material that has been listed as a hazardous

ATTACHMENT 2
UNMARKED COMPLETE
REPLACEMENT PAGES

**CITY OF GARLAND TRANSFER STATION FACILITY
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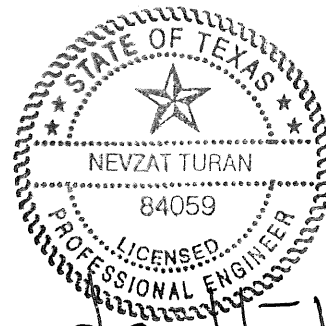
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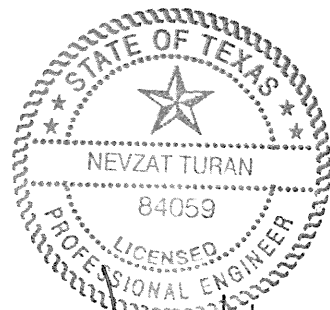
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TCEQ Use Only

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.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input checked="" type="checkbox"/> Other Technical NOD 1 Response
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 600328694		RN 102214145

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		
<input type="checkbox"/> New Customer		<input type="checkbox"/> Update to Customer Information		<input type="checkbox"/> Change in Regulated Entity Ownership
<input type="checkbox"/> 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)			If new Customer, enter previous Customer below:	
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)	
11. Type of Customer:		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited		
<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual		
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Other:		
12. Number of Employees		13. Independently Owned and Operated?		
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input type="checkbox"/> No		
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following				
<input type="checkbox"/> Owner		<input type="checkbox"/> Operator		<input type="checkbox"/> Owner & Operator
<input type="checkbox"/> Occupational Licensee		<input type="checkbox"/> Responsible Party		<input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:
15. Mailing Address:				
City		State		ZIP
				ZIP + 4
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)
() -				() -

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)	
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> 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.)	



Texas Commission on Environmental Quality

Part I Application Form for New Permit, Permit Amendment, or Registration for a Municipal Solid Waste Facility

Application Tracking Information

Facility Name: City of Garland Transfer Station Facility

Permittee or Registrant Name: City of Garland

MSW Authorization Number: 12A

Initial Submission Date: 6/30/2022

Revision Date: 10/12/2022

Instructions for completing this Part I Application Form are provided in [TCEQ 00650-instr](#)¹. Include a [Core Data Form \(TCEQ 10400\)](#)² with the application for the facility owner, and another Core Data Form for the operator if different from the owner. If you have questions, contact the Municipal Solid Waste Permits Section by email to mswper@tceq.texas.gov, or by phone at 512-239-2335.

Application Data

1. Submission Type

Initial Submission Notice of Deficiency (NOD) Response

2. Authorization Type

Permit Registration

3. Application Type

New Permit
 Permit Major Amendment Permit Limited Scope Major Amendment
 New Registration

¹ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf

² www.tceq.texas.gov/goto/coredata

4. Application Fee

Amount

- \$2,050—New Landfill Permits, and Landfill Permit Major Amendments Described in 30 TAC [305.62\(j\)\(1\)](#)
- \$150—Other Permits, Landfill Limited Scope Major Amendments, Permit Amendments for Storage and Processing Facilities, and Registrations

Payment Method

- Check
- Online through ePay portal www3.tceq.texas.gov/epay/

If paid online, enter ePay Trace Number: 582EA000497001

5. Application URL

For applications other than those for arid exempt landfills, provide the URL address of a publicly accessible internet web site where the application and all revisions to the application will be posted.

http://www.ftwweaverboos.com

6. Party Responsible for Publishing Notice

Indicate who will be responsible for publishing notice:

- Applicant Agent in Service Consultant

Contact Name: Nevzat Turan, P.E.

Title: Principal

Email Address: nturan@wcgrp.com

7. Alternative Language Notice

Use the Alternative Language Checklist on Public Notice Verification Form TCEQ-20244-Waste-NORI, TCEQ-20244-Waste-NAPD, or TCEQ-20244-Waste-NAORPM available at www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw_notice.html to determine if an alternative language notice is required.

Is an alternative language notice required for this application?

- Yes No

Indicate the alternative language: Spanish

8. Public Place for Copy of Application

Name of the Public Place: Garland Central Public Library
 Physical Address: 625 Austin St.
 City: Garland County: Dallas State: TX Zip Code: 75040
 Phone Number: (972) 205-2500

9. Consolidated Permit Processing

Is this submittal part of a consolidated permit processing request, in accordance with 30 TAC Chapter 33?

Yes No

If "Yes", indicate the other TCEQ program authorizations requested:

10. Confidential Documents

Does the application contain confidential documents?

Yes No

If "Yes", reference the confidential documents in the application, but submit the confidential documents as an attachment in a separate binder marked "CONFIDENTIAL."

11. Permits and Construction Approvals

Mark the following table to indicate status of other permits or approvals.

Table 1. Permits and Construction Approvals.

Permit or Approval	Received	Pending	Not Applicable
Hazardous Waste Management Program under Texas Solid Waste Disposal Act			X
Underground Injection Control Program under Texas Injection Well Act			X
National Pollutant Discharge Elimination System Program under Clean Water Act; Waste Discharge Program under Texas Water Code, Chapter 26	X		
Prevention of Significant Deterioration Program under Federal Clean Air Act (FCAA); Nonattainment Program under the FCAA			X
National Emission Standards for Hazardous Air Pollutants Preconstruction Approval under the FCAA			X

Permit or Approval	Received	Pending	Not Applicable
Ocean Dumping Permits under Marine Protection Research and Sanctuaries Act			X
Dredge or Fill Permits under Clean Water Act			X
Licenses under the Texas Radiation Control Act			X
Other (describe): PBR Documentation (§106.534) maintained in site operating record.	X		
Other (describe):			

12. Facility General Information
<p>Facility Name: <u>City of Garland Transfer Station Facility</u></p> <p>Contact Name: <u>Uriel Villalpando</u> Title: <u>Director</u></p> <p>MSW Authorization Number (if existing): <u>12A</u></p> <p>Regulated Entity Reference Number: RN <u>102214145</u></p> <p>Physical or Street Address (if available): <u>1434 Commerce St.</u></p> <p>City: <u>Garland</u> County: <u>Dallas</u> State: <u>TX</u> Zip Code: <u>75040</u></p> <p>Phone Number: <u>(972) 205-3424</u></p> <p>Latitude (Degrees, Minutes Seconds): <u>N 32° 54' 30.0"</u></p> <p>Longitude (Degrees, Minutes Seconds): <u>W 96° 36' 33.5"</u></p> <p>Benchmark Elevation (above mean sea level): <u>498</u> feet</p> <p>Description of facility location with respect to known or easily identifiable landmarks: The site entrance is located approximately 1/4 mile SE of the intersection of the State Hwy 66 and Commerce St. in Garland, Texas.</p> <p>Access routes from the nearest United States or state highway to the facility: The site is accessed from State Hwy 66 and turning south on Commerce St. The site entrance is located approximately 1/4 mile SE of the intersection of State Hwy 66 and Commerce St. and is located on the south side of the street.</p> <p>Coastal Management Program</p> <p>Is the facility within the Coastal Management Program boundary?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

13. Facility Types

- Type I Type IV Type V
 Type IAE Type IVAE Type VI

14. Activities Conducted at the Facility

- Storage Processing Disposal

15. Facility Waste Management Units

Check the box for each type of waste management unit proposed.

- Landfill Unit(s) Container(s)
 Incinerator(s) Roll-off Boxes
 Class 1 Landfill Unit(s) Surface Impoundment
 Process Tank(s) Autoclave(s)
 Storage Tank(s) Refrigeration Unit(s)
 Tipping Floor Mobile Processing Unit(s)
 Storage Area Compost Pile(s) or Vessel(s)
 Other (specify): Recycling & Convenience Center

16. Description of Proposed Facility or Changes to Existing Facility

Provide a brief description of the proposed activities if application is for a new facility, or the proposed changes to an existing facility or permit conditions if the application is for an amendment.

The purpose of this major permit amendment is to update the currently approved daily allowable waste transfer rate of 500 tons per day (tpd) to 1,500 tpd and to update the permit boundary from 8.64 acres to 12.839 acres.

17. Facility Contact Information

Site Operator (Permittee or Registrant)

Name: City of Garland
Customer Reference Number: **CN** 600328694
Contact Name: Uriel Villalpando Title: Director
Mailing Address: 1434 Commerce St.
City: Garland County: Dallas State: TX Zip Code: 75040
Phone Number: (972) 205-3424
Email Address: uvillalp@garlandtx.gov
Texas Secretary of State (SOS) Filing Number: N/A

Operator (if different from Site Operator)

Name: Same as Permittee
Customer Reference Number: **CN** _____
Contact Name: _____ Title: _____
Mailing Address: _____
City: _____ County: _____ State: _____ Zip Code: _____
Phone Number: _____
Email Address: _____
Texas Secretary of State (SOS) Filing Number: _____

Consultant (if applicable)

Firm Name: Weaver Consultants Group, LLC
Consultant Name: Nevzat Turan, P.E.
Texas Board of Professional Engineers Firm Registration Number: F-3727
Contact Name: Nevzat Turan, P.E. Title: Principal
Mailing Address: 6420 Southwest Blvd., Suite 206
City: Fort Worth County: Dallas State: TX Zip Code: 76109
Phone Number: (817) 735-9770
Email Address: nturan@wcgrp.com

Agent in Service (required for out-of-state applicants)

Name: N/A
Mailing Address: _____
City: _____ County: _____ State: TX Zip Code: _____
Phone Number: _____
Email Address: _____

18. Facility Supervisor License

Indicate the level of Municipal Solid Waste Facility Supervisor license, as defined in 30 TAC Chapter 30, Occupational Licenses and Registrations, Subchapter F that the individual who supervises or manages the operations will obtain prior to commencing operations.

Class A Supervisor License Class B Supervisor License

19. Ownership Status of the Facility

Business Type

Corporation County Government
 Individual State Government
 Sole Proprietorship Federal Government
 General Partnership Other Government
 Limited Partnership Military
 City Government Other (specify): _____

Facility Owner

Does the Site Operator (Permittee or Registrant) own all the facility units and all the facility property?

Yes No

If "No", provide the following information for other owners.

Owner Name: _____

Mailing Address: _____

City: _____ County: _____ State: TX Zip Code: _____

Phone Number: _____

Email Address: _____

20. Other Government Entities Information

Texas Department of Transportation

District: Dallas

District Engineer's Name: Mohamed "Mo" Bur, P.E.

Mailing Address: 4777 E. U.S. Highway 80

City: Mesquite County: Dallas State: TX Zip Code: 75150

Phone Number: (214) 320-6100

Email Address: Kim.McFadden@txdot.gov

Local Government Authority Responsible for Road Maintenance (if applicable)

Government or Agency Name: City of Garland Street Department
Contact Person's Name: Steve Oliver
Mailing Address: P.O. Box 469002
City: Garland County: Dallas State: TX Zip Code: 75046
Phone Number: (972) 205-3558
Email Address: SOliver@garlandtx.gov

City Mayor Information

City Mayor's Name: Mayor Scott LeMay
Mailing Address: P.O. Box 469002
City: Garland County: Dallas State: TX Zip Code: 75046
Phone Number: (972) 205-2400
Email Address: mayor@garlandtx.gov

City Health Authority

Authority Name: City of Garland Public Health Department
Contact Person's Name: Dr. Tim Lambert MD
Mailing Address: 1720 Commerce St.
City: Garland County: Dallas State: TX Zip Code: 75040
Phone Number: (972) 205-3370
Email Address: TLambert@garlandtx.gov

County Judge Information

County Judge's Name: Judge Margaret O'Brien
Mailing Address: 140 N. Garland Avenue
City: Garland County: Dallas State: TX Zip Code: 75040
Phone Number: (214) 643-4773
Email Address: JP21Court@dallascounty.org

County Health Authority

Agency Name: Dallas County Health & Human Services
Contact Person's Name: Philip Huang, MD, MPH, Director
Mailing Address: 2377 N. Stemmons Freeway
City: Dallas County: Dallas State: TX Zip Code: 75207
Phone Number: (214) 819-2000
Email Address: Philip.Huang@dallascounty.org

State Representative Information

District Number: 112
State Representative's Name: Rep. Angie Chen Button
District Office Mailing Address: 1201 International Parkway #130
City: Richardson County: Dallas State: TX Zip Code: 75081
Phone Number: (972) 234-8980
Email Address: Angie.Button@house.texas.gov

State Senator Information

District Number: 2
State Senator's Name: Senator Bob Hall
District Office Mailing Address: Alliance Building #2, 6537 Horizon Road, Suite B-1
City: Rockwall County: Rockwall State: TX Zip Code: 75032
Phone Number: (972) 722-3131
Email Address: Bob.Hall@senate.texas.gov

Council of Governments (COG)

COG Name: NCTCOG
COG Representative's Name: Mike Eastland
COG Representative's Title: Executive Director
Mailing Address: 616 Six Flags Drive, PO Box 5888
City: Arlington County: Tarrant State: TX Zip Code: 76005
Phone Number: (817) 640-3300
Email Address: MEastland@nctcog.org

River Basin Authority

Authority Name: Trinity River Authority
Contact Person's Name: Kevin Ward, General Manager
Watershed Sub-Basin Name: Mills Branch of Rowlett Creek (0820B_01)
Mailing Address: PO Box 60
City: Arlington County: Tarrant State: TX Zip Code: 76004
Phone Number: (817) 467-4343
Email Address: wardk@trinityra.org

U.S. Army Corps of Engineers District

Indicate the U.S. Army Corps of Engineers district in which the facility is located:

- Albuquerque, NM
- Galveston, TX
- Ft. Worth, TX
- Tulsa, OK

Local Government Jurisdiction

Within City Limits of: Garland

Within Extraterritorial Jurisdiction of: N/A

Is the facility located in an area in which the governing body of the municipality or county has prohibited the storage, processing, or disposal of municipal or industrial solid waste?

Yes No

If "Yes", provide a copy of the ordinance or order as an attachment.

Signature Page

Site Operator or Authorized Signatory

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: Uriel Villalpando Title: Director

Email Address: uvillalp@garlandtx.org

Signature: [Handwritten Signature] Date: 10-12-2022

Operator or Principal Executive Officer Designation of Authorized Signatory

To be completed by the operator if the application is signed by an authorized representative for the operator.

I hereby designate _____ as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality 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.

Operator or Principal Executive Officer Name: _____

Email Address: _____

Signature: _____ Date: _____

Notary

SUBSCRIBED AND SWORN to before me by the said Uriel Villalpando

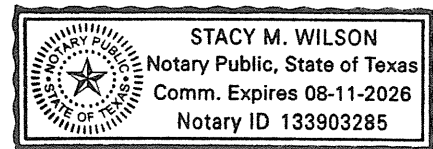
On this 12th day of October, 2022

My commission expires on the 11th day of August, 2026

Stacy M. Wilson

Notary Public in and for

Tarrant County, Texas



Note: Application Must Bear Signature & Seal of Notary Public

Part I Attachments

Refer to instruction document 00650-instr for professional engineer seal requirements.

Attachments Table 1. Required attachments.

Required Attachments	Attachment Number
Supplementary Technical Report	Parts I/II Section 2
Property Legal Description	Parts I/II Section 13
Property Metes and Bounds Description	Parts I/II Section 13
Facility Legal Description	Parts I/II Section 13
Facility Metes and Bounds Description	Parts I/II Section 13
Metes and Bounds Drawings	Parts I/II Section 13
On-Site Easements Drawing	Parts I/II Section 13
Land Ownership Map	Parts I/II Section 5
Landowners List	USB Flash Drive
Mailing Labels (printed and electronic)	USB Flash Drive
Texas Department of Transportation (TxDOT) County Map	Parts I/II Section 4
General Location Map	Parts I/II Section 4
General Topographic Map	Parts I/II Section 4
Verification of Legal Status	Parts I/II Section 15
Property Owner Affidavit	Parts I/II Section 14
Evidence of Competency	Parts I/II Section 16

Attachments Table 2. Additional attachments as applicable.

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input checked="" type="checkbox"/> TCEQ Core Data Form(s)	
<input checked="" type="checkbox"/> Signatory Authority Delegation	Parts I/II Section 17
<input checked="" type="checkbox"/> Fee Payment Receipt	
<input type="checkbox"/> Confidential Documents	
<input type="checkbox"/> Waste Storage, Processing and Disposal Ordinances	
<input checked="" type="checkbox"/> Final Plat Record of Property	Parts I/II Section 13

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input type="checkbox"/> Certificate of Fact (Certificate of Incorporation)	
<input type="checkbox"/> Assumed Name Certificate	
Other (describe):	
Other (describe):	
Other (describe):	

**CITY OF GARLAND TRANSFER STATION FACILITY
GARLAND, DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-12A**

MAJOR PERMIT AMENDMENT APPLICATION

**PARTS I/II
GENERAL APPLICATION REQUIREMENTS**

Prepared for

City of Garland

June 2022

Revised October 2022



Prepared by

Weaver Consultants Group, LLC
TBPE Registration No. F-3727
6420 Southwest Boulevard, Suite 206
Fort Worth, Texas 76109
817-735-9770

WCG Project No. 0647-003-11-11

This document is issued for permitting purposes only.

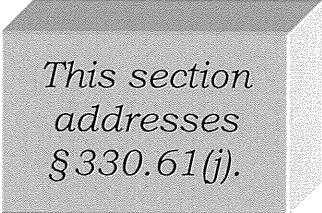
- **Industrial Waste (Nonhazardous):** Solid waste resulting from or incidental to any process of industry or manufacturing, or mining or agricultural operations, classified as follows:
 - Class 2 Industrial Solid Waste – Any individual solid waste or combination of industrial solid wastes that are not described as Hazardous, Class 1, or Class 3, as defined in Title 30 TAC §335.506 (relating to Class 2 Waste Determination).
 - Class 3 Industrial Solid Waste – Inert and essentially insoluble industrial solid waste, usually including, but not limited to, materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc., that are not readily decomposable as further defined in Title 30 TAC §335.507 (relating to Class 3 Waste Determination).
- **Construction-Demolition Waste:** Waste resulting from construction or demolition projects; includes all materials that are directly or indirectly the by-products of construction work or that result from demolition of buildings and other structures, including, but not limited to, paper, cartons, gypsum board, wood, excelsior, rubber, and plastics.
- **Special wastes:** Certain special wastes including dead animals that are incidental to routine collection of municipal solid waste and that can be systematically processed along with other solid waste. A special waste acceptance plan is included in Part IV – SOP, Appendix IVA.

Consistent with Title 30 TAC §330.15(e), the facility will not accept the following:

- Regulated hazardous waste
- Radioactive waste
- PCBs
- Liquid Wastes
- Certain special wastes, including:
 - hazardous waste from conditionally exempt small-quantity generators that may be exempt from full controls under Chapter 335, Subchapter N of this title (relating to Household Materials Which Could Be Classified as Hazardous Wastes);
 - Class 1 industrial nonhazardous waste;
 - untreated medical waste;
 - municipal wastewater treatment plant sludges, other types of domestic sewage treatment plant sludges, and water-supply treatment plant sludges;
 - septic tank pumpings;

9 GENERAL GEOLOGY AND SOILS STATEMENT

According to the Bureau of Economic Geology (BEG) Geologic Atlas of Texas, Dallas Sheet (1987) the site is located upon an outcrop of the Austin Chalk Formation. The Austin Chalk Formation is characterized as calcareous marine limestone with lesser occurrences of shale, clay lenses, and bentonite seams.



*This section
addresses
§ 330.61(j).*

The Austin Chalk Formation is underlain by the Eagle Ford Formation. The contact between the Austin Chalk Formation and the older, underlying Eagle Ford Formation occurs approximately 14 miles west of the site at its closest extent.

Regional Cretaceous aquifers beneath the MSW transfer station include the Woodbine and Trinity aquifers. The Woodbine Formation is classified by the Texas Water Development Board (TWDB) (Ashworth and Hopkins, 1995) as a minor Texas aquifer, which is located above the underlying Trinity Aquifer. The Paluxy, Glen Rose, and underlying Twin Mountain formations comprise the Trinity Aquifer. These aquifers are separated by approximately 500 feet of low permeability sediments and are not hydraulically connected (Harden, 2004).

According to the US Department of Agriculture's Natural Resources Conservation Service website regarding the Soil Survey of Dallas County, the soils beneath the site consist largely of Houston Black Clay with smaller areas of Lewisville silty clay and Lewisville-Urban land complex soils. The Houston Black soil series consist of deep (up to 100 inches depth) clayey soils that form on level to gently sloping uplands due to weathering of underlying shale or marl sediments. The Natural Resources Conservation Service (NRCS) describes the Houston Black Clay as firm to hard, a black color grading to shades of brown and olive at depth, plastic with a high shrink-swell potential, slow permeability, calcareous, and alkaline with few to common gypsum and calcite crystals and seams. The Houston Black Clay is described as moderately well drained with 1 to 3 percent slopes. The Lewisville silty clay is described as well drained with 5 to 8 percent slopes. The Lewisville-Urban land complex is described as well drained with 0 to 4 percent slopes. All three soil types are reported to be clayey with low permeability, high water capacity, and high shrink-swell potential.

**NOTICE OF APPOINTMENT
Agent for the Applicant**

Mr. Toby Baker
Executive Director
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Dear Mr. Baker:

This letter is to advise that the City of Garland has duly appointed Uriel Villalpando, Director, as the Agent for the Application. Uriel Villalpando is hereby authorized to execute and deliver permit applications, permit amendments and modifications, compliance related documentation, and any and all other documents as required in connection with this permit application for the City of Garland Transfer Station Facility.

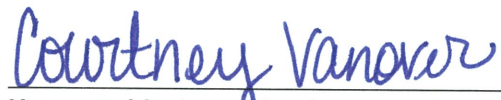
Very truly yours,

CITY OF GARLAND

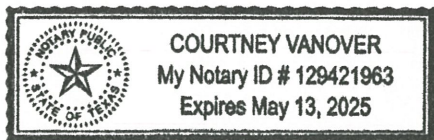


Bryan Bradford
City Manager

SWORN TO AND SUBSCRIBED BEFORE ME by Bryan J. Bradford on the 10
day of October, 2022, which witness my hand and seal of office.



Notary Public in and for the State of Texas



Printed Name

My Commission Expires 5.13.25

**CITY OF GARLAND TRANSFER STATION FACILITY
GARLAND, DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-12A**

MAJOR PERMIT AMENDMENT APPLICATION

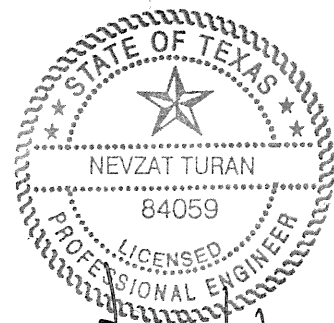
PART III – SITE DEVELOPMENT PLAN

Prepared for

City of Garland

June 2022

Revised October 2022



[Handwritten Signature]
10/12/2022

Prepared by

Weaver Consultants Group, LLC

TBPE Registration No. F-3727

6420 Southwest Blvd., Suite 206

Fort Worth, Texas 76109

817-735-9770

WCG Project No. 0647-003-11-11

This document is issued for permitting purposes only.

2 GENERAL FACILITY DESIGN

2.1 Facility Access

2.1.1 Adequacy of Access Roads and Highways §330.63(a)

Vehicles bound for the Garland TS will access the Garland TS entrance from Commerce Street, East Centerville Road, and State Highway 66. The entrance is located approximately ¼ mile southeast of State Highway 66 on Commerce Street as shown on Figure I/II-4.1 in Section 4 of Parts I/II. Commerce Street, State Highway 66, and East Centerville Road are public roads maintained by Dallas County and the Texas Department of Transportation (TxDOT).

As noted in Parts I/II, Section 8.0 and in the Traffic Study included in Appendix I/IIA, the site access roads, Commerce Street (formerly Garland Road), North Country Club Road, East Centerville Road, and State Highway 66, will continue to provide adequate access to the site throughout the life of the facility. No improvements to roadways, driveways or shoulders are necessary or proposed for this application.

Commerce Street is asphalt-paved to support the waste hauling vehicles and trailers transferring waste to the Hinton Landfill and is mainly utilized by the City departments and a few commercial or industrial facilities and residences. The entrance road is constructed of asphalt pavement from the Commerce Street connection and has been designed for the traffic flow experienced by the Garland TS.

In accordance with Title 30 TAC §330.61(i)(4), TxDOT was contacted to determine if any traffic or location restrictions apply to the facility. TxDOT's approval of the Traffic Study is included in Parts I/II, Appendix I/IIA.

2.1.2 Fences and Access Control §330.63(b)(1)

Vehicle access to the Garland TS building is controlled by the scalehouse and TS spotter during operating hours. An attendant is on site at the scalehouse and/or in the Garland TS building during operating hours to regulate access to the Garland TS. Outside operating hours, a gate constructed of suitable fencing materials located at the facility entrance on Commerce Street is and will continue to be locked to prevent unauthorized vehicle access. Vehicle access to the site at points other than the entry gates will be prevented by a minimum 6-foot-high chain link, 4-foot barbed wire, or sheet metal fence located around the perimeter of the Garland TS property.

**CITY OF GARLAND TRANSFER STATION FACILITY
GARLAND, DALLAS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-12A**

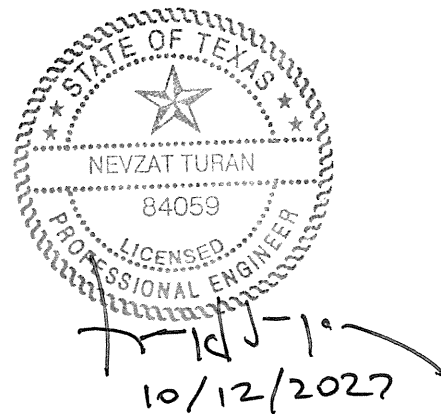
**MAJOR PERMIT AMENDMENT APPLICATION
PART IV – SITE OPERATING PLAN**

Prepared for

City of Garland

June 2022

Revised October 2022



Prepared by

Weaver Consultants Group, LLC
TBPE Registration No. F-3727
6420 Southwest Boulevard, Suite 206
Fort Worth, Texas 76109
817-735-9770

Project No. 0647-003-11-11

This document is intended for permitting purposes only.

2 WASTE ACCEPTANCE AND ANALYSIS (30 TAC §§330.203 AND 330.205)

2.1 Properties and Characteristics of Waste (§330.203(a))

The major classifications of solid waste accepted at the Garland TS include household waste, yard waste, commercial waste, Class 2 and Class 3 non-hazardous industrial waste, and construction–demolition waste. The waste classifications are defined in Title 30 TAC §330.3.

The Garland TS accepts waste generated from residential, commercial, institutional, municipal, manufacturing, industrial, recreational, and construction sources within the Garland TS service area. Wastes accepted include paper, food wastes, glass, aluminum and other metals, plastics, grass clippings, other organic wastes, wood wastes, textiles, bricks, and other inert materials. The TS will accept special wastes in accordance with Appendix IVA.

Consistent with Title 30 TAC §330.15 the facility will not accept Class 1 non-hazardous industrial wastes, regulated hazardous wastes, regulated asbestos - containing material (RACM), liquid wastes, radioactive wastes, PCB wastes, infectious medical wastes, and other wastes prohibited by TCEQ regulations.

Class 2 industrial solid waste is any individual solid waste or combination of industrial solid wastes that cannot be described as Class 1 or Class 3, as defined in Title 30 TAC §335.506 (relating to Class 2 waste determination). Class 3 industrial solid waste is any inert and essentially insoluble industrial solid waste, including materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc., that are not readily decomposable as defined in Title 30 TAC §335.507 (relating to Class 3 waste determination). Class 2 and Class 3 industrial solid wastes may be accepted at the TS, provided processing of these wastes does not interfere with proper operation of the TS.

2.2 Volume and Rate of Transfer (§330.203(b) and §330.205(a) and (b))

The Garland TS serves the individuals and City collection system for the City of Garland. The TS will receive a maximum of 1,500 tons per day (tpd) of municipal solid waste for transfer to the Hinton Landfill or other properly permitted MSW disposal facilities. As economic conditions, population growth, and waste

generation rates change, the volume of incoming waste processed at the TS could increase or decrease.

Physical capacity of the existing solid waste TS building is higher than 1,500 tpd. In the future, the City may seek authorization to increase the maximum amount of waste received daily under the provisions of Title 30 TAC §305.62(j)(1)(C), unless future rule changes allow a different submittal.

The TS operation is designed to transfer all solid waste to the landfill on the same day it is received. The average length of time that waste remains at the facility is four hours. The maximum time waste material will be stored in the TS will not exceed 72 hours as discussed in Section 7.10. Waste will only be stored in the TS building. The city's brush collection trucks containing brush may park overnight at the site if they arrive at the end of workdays (i.e., not enough time to deliver to the landfill). The maximum amount of waste to be stored is 1,000 tons. If such accumulations occur, additional waste materials will not be received until the adverse conditions are abated.

If for any reason Hinton Landfill is not able to take solid waste, other properly permitted MSW landfills may be utilized. The intended destination of the liquids generated by the facility is the City of Garland POTW. Any recyclable materials collected at the site will be removed by authorized third party contractors or in the future by the City if the City seeks authorization to operate a recyclables facility.

In addition to the MSW transfer operations, the facility transfers source-separated recyclable materials (mixture of paper, glass, metal, plastic, etc. recyclables that are collected using separate bins at the source – e.g., residential customers). Source-separated recyclable materials that are not comingled with waste are collected from the residences of the City of Garland serviced by the City's collection fleet. This operation transfers over 12,000 tons per year of source-separated recyclables to a third-party material recovery facility. No sorting of recyclables occurs at the site – only transfer operations.

The Garland TS will maintain documentation in the operating record that all wastes leaving the facility are being adequately managed by other licensed or permitted facilities. All municipal solid wastes received at the Garland TS will be transferred to an authorized Type I municipal solid waste landfill facility.

7.2.1 Load Inspection Procedure

A properly trained qualified facility staff person will visually inspect incoming waste loads. Should any indication of prohibited waste be detected, appropriate TS personnel will stop unloading of the vehicle to allow facility personnel to conduct a thorough evaluation of the load. The driver will be directed to park in a load inspection area of the tipping floor separated from other incoming waste, and transfer operation will be stopped. The load inspector will break up a portion of waste placed in the loading pit and inspect the material for any prohibited waste. Known prohibited waste will be placed back into the vehicle through the loading tunnel or from the loading pit, and the driver will be instructed to depart the facility. Should any regulated hazardous waste be detected, the entire load will be refused.

In addition to the above procedure, incoming loads will be inspected on a random basis. The TS supervisor will be responsible for determining the random load inspection schedule. The driver of the randomly selected load will be notified and instructed to proceed as above to a load inspection area.

The TS supervisor will maintain and include in the operating record the load inspection reports for randomly inspected loads. Load inspection reports, recorded on standardized forms, will be completed for each inspected load. The reports will include at a minimum, the date and time of inspection, the name and address of the hauling company and driver, the type of vehicle, the size and source of the load, contents of the load, indicators of prohibited waste, and results of the inspection. A copy of the load inspection report form is included in Appendix IVA of this SOP.

7.3 Spill Prevention and Control (§330.227)

The transfer station building has been designed to control and contain spills and contaminated water. Any spill that would occur on the tipping floor will flow into the unloading pit. Contaminated water generated by the Garland TS will consist of wash water resulting from wash water applied to the unloading pit and the transfer trailer loading tunnel. This wash water is collected in the lift station and pumped to the City of Garland sanitary sewer system. The facility has been designed sufficient to control and contain a worst-case spill within the TS.

7.4 Operating Hours (§330.229)

The Garland TS is authorized for waste acceptance from 7:00 am to 7:00 pm Monday through Saturday, in order to provide uninterrupted services to the public. The TS is closed on Sunday. There is no hourly limitation on conducting waste acceptance or other activities within the waste acceptance hours. The Garland TS is authorized for facility operations from 5:00 am to 9:00 pm Monday through Saturday. Facility operations include non-waste acceptance

**CITY OF GARLAND TRANSFER STATION FACILITY
GARLAND, DALLAS COUNTY, TEXAS**

MAJOR PERMIT AMENDMENT APPLICATION

SITE OPERATING PLAN

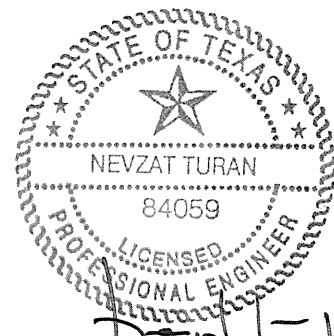
**APPENDIX IVA
SPECIAL WASTE ACCEPTANCE PLAN**

Prepared for

City of Garland

June 2022

Revised October 2022



Prepared by

10/12/2022

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WCG Project No. 0647-03-11-11

This document is issued for permitting purposes only.

1 INTRODUCTION

This Special Waste Acceptance Plan (SWAP) outlines the acceptance requirements and review and approval process that will be used to accept special waste, as defined by the Texas Commission on Environmental Quality (TCEQ) for transfer at the City of Garland Transfer Station Facility (Garland TS). The operator of the transfer station is the City of Garland.

The TCEQ solid waste regulations define a special waste as “any solid waste or combination of solid wastes that because of its quantity, concentration, physical, or chemical characteristics, or biological properties requires special handling and disposal to protect the human health or the environment.”

This plan has been developed per Title 30 TAC §330.203(a) which requires special waste to be identified as part of the MSW application. Only those special wastes specifically listed below will be accepted at this facility without prior written approval from the Executive Director. Any requests for approval of special waste will be in accordance with Title 30 Texas Administrative Code (TAC) §330.171(b). The following special wastes may be accepted at this facility for disposal or recycling as indicated for each item.

- Dead animals and slaughterhouse waste that are incidental to routine collection of municipal solid waste and that can be systematically processed along with other solid waste.
- Dead animal carcasses and dead animal contaminated waste from the City of Garland Animal Services Department.
- Drugs, contaminated foods, or contaminated beverages, other than those contained in normal household waste.
- Empty containers which have been used for pesticides, herbicides, fungicides or rodenticides will be accepted for disposal provided the containers have been triple rinsed, crushed or rendered unusable upon receipt at the gate.
- Incidental amounts of non-regulated asbestos-containing materials (NRACM). The incidental amount is defined as the maximum of 10 percent of the waste received on an annual basis by scale weight (annual basis is defined as the latest 4 consecutive quarters).
- Waste from oil, gas, and geothermal activities subject to regulation by the Railroad Commission of Texas when those wastes are to be processed, treated, or disposed of at a municipal solid waste management facility. Only

those wastes authorized for disposal at a municipal solid waste management facility will be accepted.

- used motor oil and cooking oil (separately collected and recycled);
- lithium ion batteries (separately collected and recycled);
- used-oil filters from internal combustion engines (separately collected and recycled) and;
- Waste other than as described above and approved for acceptance by the Executive Director case-by-case basis.
- lead acid storage batteries (may be separately collected and recycled in the future if needed or mandated by elected officials);

No special waste will be received at the facility unless it is compatible with the compaction and loading equipment operated at the facility or unless modifications are made to the facility to accommodate the special waste. Any changes in operations will be approved in writing by the Executive Director of the TCEQ prior to implementation.

The following wastes will not be accepted at the Garland TS:

- Regulated hazardous waste
- Radioactive waste
- PCBs
- Liquid Wastes
- Certain special wastes, including:
 - hazardous waste from conditionally exempt small-quantity generators that may be exempt from full controls under Chapter 335, Subchapter N of this title (relating to Household Materials Which Could Be Classified as Hazardous Wastes);
 - Class 1 industrial nonhazardous waste;
 - untreated medical waste;
 - municipal wastewater treatment plant sludges, other types of domestic sewage treatment plant sludges, and water-supply treatment plant sludges;
 - septic tank pumpings;
 - grease and grit trap wastes;
 - wastes from commercial or industrial wastewater treatment plants, air pollution control facilities, and tanks, drums, or containers used for sipping or storing any material that has been listed as a hazardous