

Texas Commission on Environmental Quality Waste Permits Division Correspondence Cover Sheet

Date: <u>April 13, 2023</u> Facility Name: <u>City of Georgetown Transfer Station</u> Permit or Registration No.: _____ Nature of Correspondence:

- Initial/New
- Response/Revision to TCEQ Tracking No.: 27668330 (from subject line of TCEQ letter regarding initial submission)

Affix this cover sheet to the front of your submission to the Waste Permits Division. Check appropriate box for type of correspondence. Contact WPD at (512) 239-2335 if you have questions regarding this form.

Applications	Reports and Notifications
New Notice of Intent	Alternative Daily Cover Report
Notice of Intent Revision	Closure Report
New Permit (including Subchapter T)	Compost Report
New Registration (including Subchapter T)	Groundwater Alternate Source Demonstration
🗌 Major Amendment	Groundwater Corrective Action
🗌 Minor Amendment	Groundwater Monitoring Report
Limited Scope Major Amendment	Groundwater Background Evaluation
Notice Modification	Landfill Gas Corrective Action
Non-Notice Modification	Landfill Gas Monitoring
Transfer/Name Change Modification	Liner Evaluation Report
Temporary Authorization	🗌 Soil Boring Plan
Uvoluntary Revocation	Special Waste Request
Subchapter T Disturbance Non-Enclosed Structure	Other:
Other:	

Table 1 - Municipal Solid Waste Correspondence

Table 2 - Industrial & Hazardous Waste Correspondence

Applications	Reports and Responses
New	Annual/Biennial Site Activity Report
🗌 Renewal	CPT Plan/Result
Post-Closure Order	Closure Certification/Report
🗌 Major Amendment	Construction Certification/Report
Minor Amendment	CPT Plan/Result
CCR Registration	Extension Request
CCR Registration Major Amendment	Groundwater Monitoring Report
CCR Registration Minor Amendment	Interim Status Change
Class 3 Modification	Interim Status Closure Plan
Class 2 Modification	Soil Core Monitoring Report
Class 1 ED Modification	Treatability Study
Class 1 Modification	Trial Burn Plan/Result
Endorsement	Unsaturated Zone Monitoring Report
Temporary Authorization	Waste Minimization Report
Voluntary Revocation	Other:
335.6 Notification	
Other:	



April 13, 2023

Mr. Cody Seal Municipal Solid Waste Permits – MC 124 Texas Commission on Environmental Quality P.O. Box 13087 Austin, TX 78711

 Re: Response to Second Technical Notice of Deficiency (TCEQ Tracking No. 27668330) City of Georgetown Transfer Station City of Georgetown, Texas CN600412043/RN101999233 TCEQ Registration Application Number MSW-40331

Dear Mr. Seal:

On behalf of the City of Georgetown, Burns & McDonnell is submitting the enclosed response to the second technical notice of deficiency (NOD) provided via email on March 15, 2023 from the Texas Commission on Environmental Quality (TCEQ) for the City of Georgetown registration application. The registration application has been revised to address the NOD. The NOD comments and responses are provided in the following NOD table. Please use the pages included in this response to replace the corresponding pages in registration application.

Attached are three unmarked copies of the pages that were revised to address the NOD. In addition, one redline/strikeout copy is also attached.

We appreciate your review of the enclosed materials and look forward to your comments. If you have any questions, please do not hesitate to contact me.

Sincerely,

Metter f. Em

Matt Evans, PE Project Manager

ME/egc

Copies submitted: Electronic Copy, 3 unmarked copies, and 1 marked copy

cc: Jennifer Bettiol, City of Georgetown



Mr. Cody Seal Page 2 April 13, 2023

ltem No.	NOD Description	Response
1	Include language specifying that waste generated outside the boundaries of Texas that meet the requirements of being classified as Class 1 waste, defined by 30 TAC 330.3(21), will not be accepted. In the recent revision this language was included in two different statements but not directly relating to each other. On page 49, update the revised statement from the NOD 1 response to: "The parametric limitations of each type of waste constituents to be managed by this facility will not exceed the concentrations listed in the table under 30 TAC §335.521(a)(1)." Also state the following waste will not be accepted: waste containing free-standing liquids, waste exceeding 1,500 mg/kg TPH, and "Regulated Hazardous Waste" as defined in 40 CFR 261.3.	 Part I/II, Section 2.1 has been revised to specify that waste generated outside the boundaries of Texas that meet the requirements of being classified as Class 1 waste, defined by 30 TAC 330.3(21), will not be accepted. Part I/II, Section 2.2.1 has been revised to state that the parametric limitations of each type of waste constituents to be managed by this facility will not exceed the concentrations listed in the table under 30 TAC 335.521(a)(1). In addition, Section 2.2.2 has been modified to state that waste containing free-standing liquids, waste exceeding 1,500 mg/kg TPH, and "Regulated Hazardous Waste" as defined in 40 CFR 261.3 will not be accepted.
2	Include a statement using the language: "Materials accepted for landfill disposal at the proposed Georgetown TS will continue to be disposed in a permitted landfill within 50 miles, such as [insert examples of landfills here]." This will satisfy the referenced rule language "the intended destination of the solid waste received at this facility"	Part I/II, Section 1.2, Section 2.1, and Section 2.2.3, Part III, Section 1.2, and Part IV, Section 3.1 have been modified to state that materials accepted for landfill disposal at the proposed Georgetown Transfer Station will be disposed in a permitted landfill within 50 miles, such as the TDS Landfill located in Creedmoor, Texas.
3	Provide the TxDOT's response as discussed in previous communications. This should include the location and surface type of roads used for access within one mile of the facility and the weight limits of the roads.	TxDOT's response has been included in Part I/II, Appendix I/II-C. Part I/II, Section 10.1 has been revised to include the surface types and weight limits of the roads used for access within one mile of the facility.
4	Include language explaining that the roll-off containers used in the Citizens' Collection Station activities will not be involved in the waste processing under the registration activities.	Part IV, Section 5.3 has been revised to state that the roll-off containers used in the citizen's collection station activities will not be involved in the waste processing under the registration activities.
5	Include a statement using the language: "All sampling and analysis will be done according to EPA-approved methods in accordance with 30 TAC 330.203(c)(2)."	Part IV, Section 4.1 has been revised to state that all sampling and analysis will be done according to EPA-approved methods in accordance with 30 TAC 330.203(c)(2).



Mr. Cody Seal Page 3 April 13, 2023

6	In Section 3.0 of Part III, the transfer station states that it will comply with 30 TAC 330.303 in that it will construct, maintain, and operate to manage runoff. Include a plan to handle run off and contaminated water related to the Citizens' Collection Station activities. Include language that all containers will satisfy 30 TAC 330.211.	Part III, Section 3.0 has been revised to include a plan to handle run off and contaminated water related to the Citizen's Collection Station activities, and to state that all containers will satisfy 30 TAC 330.211.
7	As discussed in previous communication, provide newspaper clippings showing the name of the newspaper, date, and the notice itself printed in a publication that will suffice in publishing notice along with verification documents. As soon as this item has been completed or if you have any questions, please reach out to Keiandre Mcgruder at Keiandre.Mcgruder@tceq.texas.gov.	Newspaper clippings that show the name of the newspaper, date, and the notice itself printed in a publication have been emailed to Keiandre Mcgruder.



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:	
Permittee or Registrant Name:	
MSW Authorization Number:	_
Initial Submission Date:	
Revision Date:	

Instructions for completing this Part I Application Form are provided in <u>TCEQ 00650-instr</u>¹. Include a <u>Core Data Form (TCEQ 10400)</u>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 <u>mswper@tceq.texas.gov</u>, 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 <u>www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf</u>

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 <u>305.62(j)(1)</u>

□ \$150—Other Permits, Landfill Limited Scope Major Amendments, Permit Amendments for Storage and Processing Facilities, and Registrations

Payment Method

Check

Online through ePay portal <u>www3.tceq.texas.gov/epay/</u>

If paid online, enter ePay Trace Number: _____

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

6. Party Responsible	for Publishing Notice	
Indicate who will be respons	ible for publishing notice:	
Applicant	Agent in Service	Consultant
Contact Name:		
Title:		
Email Address:		

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 <u>www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw_notice.html</u> to determine if an alternative language notice is required.
Is an alternative language notice required for this application?
□ Yes □ No
Indicate the alternative language:

8. Public Place for Copy of <i>I</i>

Name of the Public Place: _____

Physical Address:

City: _____ County: _____ State: <u>TX</u> Zip Code: _____

Phone Number:

9. **Consolidated Permit Processing**

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

No Yes

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			
Underground Injection Control Program under Texas Injection Well Act			
National Pollutant Discharge Elimination System Program under Clean Water Act; Waste Discharge Program under Texas Water Code, Chapter 26			
Prevention of Significant Deterioration Program under Federal Clean Air Act (FCAA); Nonattainment Program under the FCAA			
National Emission Standards for Hazardous Air Pollutants Preconstruction Approval under the FCAA			

Permit or Approval	Received	Pending	Not Applicable
Ocean Dumping Permits under Marine Protection Research and Sanctuaries Act			
Dredge or Fill Permits under Clean Water Act			
Licenses under the Texas Radiation Control Act			
Other (describe):			
Other (describe):			

12. Facility General Information	on		
Facility Name:			
Contact Name:	Title:		
MSW Authorization Number (if existing	ıg):		
Regulated Entity Reference Number:	RN		
Physical or Street Address (if availab	e):		
City: Cou	nty: State: <u>TX</u> Zip Code:		
Phone Number:	-		
Latitude (Degrees, Minutes Seconds)	:		
Longitude (Degrees, Minutes Second	s):		
Benchmark Elevation (above mean se	ea level): feet		
Description of facility location with re	spect to known or easily identifiable landmarks:		
Access routes from the nearest United States or state highway to the facility:			
Coastal Management Program			
Is the facility within the Coastal Mana	gement Program boundary?		

13. Facility	Types	
🗌 Туре I	🗌 Type IV	🗌 Type V
🗌 Туре ІАЕ	🗌 Type IVAE	Type VI

14. Activit	ies 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):		

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.

17. Facility Contact Information

-				
Site Operator (Permitt	ee or Registrant)			
Name:				
Customer Reference Num	ber: CN			
Contact Name:		Title:		
Mailing Address:				
City:	County:		State:	_ Zip Code:
Phone Number:				
Email Address:				
Texas Secretary of State	(SOS) Filing Number: _			
Operator (if different f	rom Site Operator)			
Name:				
Customer Reference Num				
Contact Name:		Title:		
Mailing Address:				
City:				Zip Code:
Phone Number:				
Email Address:				
Texas Secretary of State	(SOS) Filing Number: _			
Consultant (if applicab	le)			
Firm Name:				
Consultant Name:				
Texas Board of Profession				
Contact Name:		Title:		
Mailing Address:				
City:				_ Zip Code:
Phone Number:				
Email Address:				
Agent in Service (requ	ired for out-of-state a	applicants)		
Name:				
Mailing Address:				
City:				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 (Perm property?	ittee or Registrant) own all the facility units and all the facility	
🗌 Yes 🗌 No		
If "No", provide the following	information for other owners.	
Owner Name:		
Mailing Address:		
	County: State: <u>TX</u> Zip Code:	
Phone Number:		
Email Address:		
20. Other Government I	Entities Information	

Texas Department of Transportation		
District:		
District Engineer's Name:		_
Mailing Address:		
City:	County:	State: <u>TX</u> Zip Code:
Phone Number:		
Email Address:		

Local Government Authority	Responsible for Road Main	tenance (if applicable)
Government or Agency Name:		
Contact Person's Name:		
Mailing Address:		
City:	_ County:	State: <u>TX</u> Zip Code:
Phone Number:		
Email Address:		
City Mayor Information		
City Mayor's Name:		
Mailing Address:		
City:	County:	State: <u>TX</u> Zip Code:
Phone Number:		
Email Address:		
City Health Authority		
Authority Name:		
Contact Person's Name:		
Mailing Address:		
City:	County:	State: <u>TX</u> Zip Code:
Phone Number:		
Email Address:		
County Judge Information		
County Judge's Name:		
Mailing Address:		
City:	County:	State: <u>TX</u> Zip Code:
Phone Number:		
Email Address:		
County Health Authority		
Agency Name:		
Contact Person's Name:		
Mailing Address:		
City:	_ County:	_ State: <u>TX</u> Zip Code:
Phone Number:		
Email Address:		

State Representative Inform	nation	
District Number:		
State Representative's Name:		
District Office Mailing Address:		
City:	County:	State: <u>TX</u> Zip Code:
Phone Number:		
Email Address:		
State Senator Information		
District Number:		
State Senator's Name:		
District Office Mailing Address:		
City:	County:	State: <u>TX</u> Zip Code:
Phone Number:		
Email Address:		
Council of Governments (CO	G)	
COG Name:		
COG Representative's Name:		
COG Representative's Title:		
Mailing Address:		
City:	County:	State: <u>TX</u> Zip Code:
Phone Number:		
Email Address:		
River Basin Authority		
Authority Name:		
Contact Person's Name:		
Watershed Sub-Basin Name:		
Mailing Address:		
City:	County:	State: <u>TX</u> Zip Code:
Phone Number:		
Email Address:		
U.S. Army Corps of Engineer	s District	
Indicate the U.S. Army Corps o	f Engineers district in which the	e facility is located:
🗌 Albuquerque, NM	🗌 Galveston, TX	
🗌 Ft. Worth, TX	🗌 Tulsa, OK	

Local Government Jurisdiction

Within City Limits of: _____

Within Extraterritorial Jurisdiction of:

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:	Title:
Email Address:	
Signature	Date: 4/13 2023
Operator or Principal Executive Officer Desig	gnation 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	Vennifer Bettiol
On this <u>13</u> day of <u>April</u> , <u>みしみ</u> ろ	
My commission expires on the <u>38</u> day of <u>Septem</u>	<u>ber, 2025</u>
Notary Public in and for Williamson County, Texas	DANIELLE DUTRA Notary Public, State of Te Comm. Expires 09-28-20
County, Texas	Notary ID 133358560

Note: Application Must Bear Signature & Seal of Notary Public

-2025

Part I Attachments

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

Required Attachments	Attachment Number
Supplementary Technical Report	
Property Legal Description	
Property Metes and Bounds Description	
Facility Legal Description	
Facility Metes and Bounds Description	
Metes and Bounds Drawings	
On-Site Easements Drawing	
Land Ownership Map	
Landowners List	
Mailing Labels (printed and electronic)	
Texas Department of Transportation (TxDOT) County Map	
General Location Map	
General Topographic Map	
Verification of Legal Status	
Property Owner Affidavit	
Evidence of Competency	

Attachments Table 1. Required attachments.

Attachments Table 2. Additional attachments as applicable.

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
TCEQ Core Data Form(s)	
Signatory Authority Delegation	
Fee Payment Receipt	
Confidential Documents	
Waste Storage, Processing and Disposal Ordinances	
Final Plat Record of Property	

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
Certificate of Fact (Certificate of Incorporation)	
Assumed Name Certificate	
Other (describe):	
Other (describe):	
Other (describe):	





General and Existing Conditions Part I/II (§330.59 – §300.61)



City of Georgetown Transfer Station

Part I/II Application Project No. 115655

> Revision 3 4/13/2023



General and Existing Conditions Part I/II (§330.59 – §300.61)

prepared for

City of Georgetown Transfer Station 250 W. L. Walden Drive Georgetown, Texas

TCEQ MSW PERMIT NUMBER MSW 40331 TCEQ REGISTRY NUMBER FOR FACILITY – RN101999233 CITY OF GEORGETOWN TCEQ CUSTOMER – CN600412043

Project No. 115655

Revision 3 4/13/2023

prepared by



4-13-2023

Burns & McDonnell Engineering Company, Inc. Austin, Texas

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1.0 INTRODUCTION

1.1 Introduction

The proposed new Georgetown Transfer Station (TS) will be a Type V municipal solid waste (MSW) processing facility located in central Williamson County, Texas. The proposed TS facility will replace the functions of the existing Georgetown Transfer Station facility (Current Permit/Registration number MSW466A) and will be located on the same tract of land owned by the City on which the current facility is located. The proposed TS facility will significantly improve the ability of the City of Georgetown (City) to serve the waste management needs of the City and surrounding area into the future. For example, the current facility is open-air and the new facility will enclose the waste management operations. The facility and property will be owned by the City of Georgetown and operated by a private operator (currently Texas Disposal Systems (TDS) operates the facility).

1.2 Registration Approach

Through this application, the City seeks an approved registration from the Texas Commission on Environmental Quality (TCEQ) for construction and operation of the proposed new Georgetown Transfer Station, under the requirements of and as allowable by 30 TAC §330.9(e). The facility will comply with §330.9(e)(1) by ensuring that ten percent or greater, by weight or weight equivalent, of the total incoming waste stream is recovered for reuse or recycling. Reuse and recycling of at least 10 percent will be ensured through on-site composting and citizen drop-off of recyclables at the Georgetown TS. Additionally, a portion of the incoming waste has already been reduced through the City's sourceseparation recycling program. Estimated annual recycling and recordkeeping practices related to 30 TAC §330.9(e)(1) requirements are included in the Site Operating Plan (Part IV of this application). Additionally, the remaining non-recyclable and non-reusable incoming materials will be transferred to a permitted MSW landfill located within 50 miles of the Transfer Station to comply with requirements in 30 TAC §330.9(e)(2), such as the TDS Landfill (RN102962107) located in Creedmoor, Texas, consistent with the current operations of the existing transfer station facility.

The intent of the registration is to improve the transfer station facility while maintaining the existing permit boundary as presented on the figures included in Appendix/II-A, General Location Maps and defined by the metes and bounds presented in Appendix I/II-4. The area of the current closed landfill shall remain part of the permit boundary. It should be noted that figures and drawings presented as part of the transfer station facility design include a boundary of the transfer station project site that is limited to the area where changes and modifications are to occur as part of the transfer station improvements and should not be misconstrued as a desire to withdraw the closed landfill from the permitted area.

2.0 SUPPLEMENTARY TECHNICAL REPORT

2.1 Facility Description

The proposed new Georgetown Transfer Station (TS) will be a Type V municipal solid waste (MSW) processing facility located in central Williamson County, Texas. The proposed TS facility will replace the functions of the existing Georgetown Transfer Station facility (Current Permit/Registration number MSW466A) and will be located on the same tract of land owned by the City on which the current facility is located. The transfer station is located on WL Walden Drive and N College St.

The proposed TS facility will significantly improve the ability of the City of Georgetown (City) to serve the waste management needs of the City and surrounding area into the future. For example, the current facility is open-air and the new facility will enclose the waste management operations. The facility and property will be owned by the City of Georgetown and operated by Texas Disposal Systems (TDS), the City's current TS facility operator.

The facility will comply with §330.9(e)(1) by ensuring that ten percent or greater, by weight or weight equivalent, of the total incoming waste stream is recovered for reuse or recycling. Reuse and recycling of at least 10 percent will be ensured through on-site composting and citizen drop-off of recyclables at the Georgetown TS. Additionally, a portion of the incoming waste has already been reduced through the City's source-separation recycling program. The remaining non-recyclable and non-reusable incoming materials will be transferred to a permitted MSW landfill located within 50 miles of the Transfer Station to comply with requirements in 30 TAC §330.9(e)(2), such as the TDS Landfill (RN102962107) located in Creedmoor, Texas, consistent with the current operations of the existing transfer station facility.

Waste transfer activities will occur in the solid waste transfer station building. The building is a preengineered metal building with metal siding and a concrete tipping floor. Collection vehicles will enter through the truck entrance and proceed through the scales and to the transfer station building tipping floor. Three top load chutes are used to move waste into transfer trailers in two transfer trailer truck lane bays below. The waste materials will be moved from the tipping floor using mobile material handling unit. The area behind the top load chutes has been designed with enough room to allow for the mobile material handler to maneuver behind and tamp the waste to gain better compaction. The facility has a high roof for improved ventilation and visibility, as well as ventilation fans. No significant air pollution emissions are expected to result from the operation of the facility.

- 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, provided the containers have been triple rinsed, crushes, or rendered unusable upon receipt at the gate,
- Incidental amount of non-regulated asbestos-containing materials (NRACM) defined as 10 percent of the waste received on an annual basis,
- 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 solid waste management facility,
- Waste generated outside the boundaries of Texas that contains any industrial waste (Texas Class 1 Non-Hazardous Industrial Waste (NHIW), as defined by 30 TAC §335.505 and 30 TAC §330.3(21), will not be accepted),
- Other wastes not described above and approved for acceptance at the facility by the executive director.

Per 30 TAC §330.15(e), the facility will not accept any of the following waste materials:

- Regulated hazardous waste
- Polychlorinated Biphenyl (PCBs)
- Liquid wastes
- Specific special wastes, including:
 - Hazardous waste from conditionally exempt small-quantity generations that may be exempt from full controls under 30 TAC §335(n)
 - Untreated medical waste
 - Municipal wastewater treatment plant sludges, other types of domestic sewage treatment plant sludges, and waters-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 shipping or storing any material that has been listed as a hazardous constituent in 40 CFR, Part 261, Appendix VIII but has not been listed as a commercial chemical product in 40 CFR, Section 261.33(e) (f)
- Used oil (except for recycling)
- Lead acid storage batteries (except for recycling)
- Used oil filters from internal combustion engines (except for recycling)

The parametric limitations of each type of waste constituents to be managed by this facility will not exceed the concentrations listed in the table under 30 TAC §335.521(a)(1). In addition, the following waste will not be accepted: waste containing free-standing liquids, waste exceeding 1,500 mg/kg TPH, and "Regulated Hazardous Waste" as defined in 40 CFR 261.3.

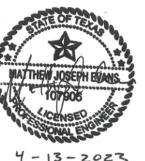
2.2.2 Service Area and Population Equivalent

The proposed City of Georgetown TS will provide waste disposal services for the City of Georgetown. The facility is designed with a maximum transfer capacity of 1,080 tons per day, based on an hourly loadout capacity of 120 tons per hour. With current operating hours of 8 a.m. to 5 p.m. Monday – Friday and 8 a.m. to 3 p.m. on Saturdays (i.e., 52 hours per week), this is equivalent to a maximum transfer rate of 342,780 tons per year. The average population equivalent of the design capacity (i.e., 1,080 tons per day) is 324,480 persons, estimated as:

$$\frac{(1,080 \ tons/day)(2,000 \ lbs/ton)}{(5 \ lbs/person/day)} = 324,480 \ persons$$

Based on Texas Water Development Board (TWDB) population projections, the City of Georgetown population will not exceed the design capacity population equivalent until the projected population reaches 332,521 persons in 2070.

The maximum amount of solid waste to be received daily and annually projected for five years is shown in Table l/ll- 1. The initial waste acceptance rate is anticipated to be similar to the existing operations of the Georgetown TS, which varies but averaged approximately 36 tons per hour in 2021. During



operations, the actual hourly and daily waste acceptance rates will vary. Over the life of the facility, the waste acceptance rate is anticipated to increase due to factors such as population growth, but will not exceed the design capacity of 1,080 tons per day.

	Maximum Waste Acceptance Rate		
Year	Daily (tons per day)	Annually (tons per year)	
2021	1,080	342,780	
2022	1,080	342,780	
2023	1,080	342,780	
2024	1,080	342,780	
2025	1,080	342,780	

 Table I/II- 1: Five-Year Maximum Waste Acceptance Rates (2021-2025)

2.2.3 Material Handling and Diversion Requirements

Materials accepted for landfill disposal at the existing transfer station are disposed at the TDS Landfill (MSW Permit 2123) located in Creedmoor, Texas, which is 44 miles from the transfer station location. Materials accepted for landfill disposal at the proposed Georgetown TS will continue to be disposed in a permitted landfill within 50 miles such as the TDS Landfill, consistent with registration requirements in 30 TAC §330.9(e)(2). No solid waste unloading, storage, disposal, or processing operations will occur within any easement, buffer zone, or right-of-way that crosses the transfer station.

Diversion requirements under 30 TAC §330.9(e)(1) are met by the facility through both existing sourceseparated recycling programs in the service area and additional material diversion at the transfer station. The operator of the Georgetown Transfer Station is the exclusive provider of solid waste and recycling services for residential and commercial customers within the City Limits and a non-exclusive provider of solid waste and recycling services to residential and commercial customers in the extra-territorial jurisdiction (ETJ) and other contractually obligated customers located in special districts (e.g., Municipal Utility Districts). Recent annual reporting data indicates that diverted materials through the current transfer station (i.e., source-separated recyclables collected from residential and commercial entities in Georgetown and the ETJ, source-separated recyclables from the citizen drop-off area, yard waste or brush, C&D recyclables, white goods/appliances, and automotive) exceeds the 10 percent diversion requirement under 30 TAC §330.9(e)(1). For fiscal year (FY) 2021, the Georgetown TS reported approximately 8,157 tons per month of material. Of this, 1,353 tons per month (or 16.581 percent) was types of materials accepted and diverted is expected to be similar to current operations. All necessary data will be collected to track conformance with 30 TAC §330.9(e)(1) requirements.

2.2.4 Site Development Plan

The site plans and drawings are included in Part III this registration application as Appendix III-A. The transfer station consists of a covered steel-frame transfer station, a scale house, a community drop-off, yard waste drop-off, and garden center. The Georgetown transfer station SOP (Part IV of this application) describes the operation, record-keeping, and safety procedures to operate the site consistent with TCEQ regulations.

2.3 Oil and Water Wells

A discussion of oil and water is provided in Section 9.5.

10.0 TRANSPORTATION

10.1 Traffic Information

No significant changes in traffic volumes or vehicle types are anticipated to result from the proposed Georgetown TS replacing the existing Georgetown TS at this site. Consistent with TAC §330.61(i)(4), the Texas Department of Transportation (TxDOT) was contacted to confirm continued adequacy of the access roads and highways (submittal included in Appendix I/II-C). The response from John Peters, the Area Engineer, dated Monday, March 13, 2023, is included in Appendix I/II-C. All roads that will be used for access within one mile of the facility are paved. Vehicles using the facility will all be within the standard size and weight limits (80,000 pounds) listed on the TDMV website.

10.2 Airport Impact

There in one small public-use airport (Georgetown Municipal Airport) and five small private-use airports within six miles of the proposed facility. The nearest airport is Georgetown Municipal Airport located approximately 1.5 miles north/northwest of the proposed facility. Locations of public and private airports within six miles of the proposed facility are shown on Figure A-10 in Appendix I/II-A.

Title 30 TAC §330.61(i)(5) requires an airport impact evaluation and coordination with the Federal Aviation Administration (FAA) for landfill units and landfill mining operations only and were therefore not conducted for the proposed transfer station facility.

APPENDIX I/II-C TRANSPORTATION

Clapper, Eric

From:	Clapper, Eric
Sent:	Wednesday, March 15, 2023 1:41 PM
То:	John Peters
Cc:	Kyle Russell; Shane Brown; Evans, Matthew (Matt)
Subject:	RE: City of Georgetown Transfer Station Registration Application

Thanks for your response, John. Please note that the proposed redesign of the existing transfer station is not expected to be different from the existing transfer station facility, which is located at the same location. However, as with other growing cities, over time traffic volume to the transfer station facility will likely increase as population increases. We will communicate your concerns and recommendations to the City for them to consider as the traffic volumes to the facility increase.

Thanks,

Eric Clapper \ Burns & McDonnell

№ 262-751-5420 eclapper@burnsmcd.com \ burnsmcd.com 4225 Executive Square, Suite 500, La Jolla, CA 92037

Please consider the environment before printing this email.

From: John Peters <John.Peters@txdot.gov>
Sent: Monday, March 13, 2023 3:01 PM
To: Clapper, Eric <eclapper@burnsmcd.com>
Cc: Kyle Russell <Kyle.Russell@txdot.gov>; Shane Brown <Tommy.Brown@txdot.gov>
Subject: RE: City of Georgetown Transfer Station Registration Application

Afternoon Eric-

I do not recall any conversations with anyone on the facility upgrade so thanks for reaching out.

One concern I would have if more traffic is added to FM 971 is the intersection of FM971 and Morrow needs to be looked at.

Safety improvements may be justified if traffic numbers increase here.

This could include left turn lane, right turn lane and may warrant a signal. Have you performed any traffic studies here?

I do know the City is looking at doing a schematic along the FM 971 corridor from Gann to SH 130 and these improvements may be included in that plan.

Other than the above mentioned intersection I do not have any other concerns nearby on TxDOT roadways.

Thanks,

John



John C. Peters, P.E. | Area Engineer Georgetown Area Office 2727 S. Austin Ave Georgetown, Tx 78626 Phone: (512) 930-6002 | Email: John.Peters@TxDOT.gov

From: Clapper, Eric <<u>eclapper@burnsmcd.com</u>>
Sent: Friday, March 10, 2023 10:45 AM
To: John Peters <<u>John.Peters@txdot.gov</u>>
Subject: RE: City of Georgetown Transfer Station Registration Application

This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi John,

I just wanted to check in regarding my email below. Thanks!

Eric Clapper \ Burns & McDonnell

№ 262-751-5420 eclapper@burnsmcd.com \ burnsmcd.com 4225 Executive Square, Suite 500, La Jolla, CA 92037

Please consider the environment before printing this email.

From: Clapper, Eric
Sent: Monday, February 27, 2023 2:03 PM
To: John.Peters@txdot.gov
Subject: City of Georgetown Transfer Station Registration Application

Good afternoon John,

I'm inquiring about the City of Georgetown Transfer Station registration application that Burns & McDonnell is working on for a redesign of the transfer station on behalf of the City of Georgetown. I believe you may have been in contact with my colleague Matt Evans previously.

The TCEQ Solid Waste Regulations require coordination with TxDOT and other applicable public roadway owners when a TCEQ permit modification application is submitted to confirm continued adequacy of the access roads and highways. I have included some notes below from when we initially reached out to TxDOT. Once we receive a response from TxDOT, we need to include it in our application. Would you be able to provide an update on a response from TxDOT?

Project Summary:

- The Landfill Address is 250 W. L. Walden Drive, Georgetown, Texas, 78626
- The existing transfer station is currently active, and the proposed redesigned transfer station is not expected to materially change the number and type of vehicle traffic from current existing conditions:

- The site is accessed by entrances on W L Walden Drive and N College Street, which may be accessed via SH 130 and/or I-35.
- Current operations manage approximately 96,000 tons per year, which requires an average truck traffic rate of 60 vehicles per day.
- Waste collection and transfer vehicles have gross weights of approximately 45,000 to 54,000 pounds.
- Based on a review of available information, it is the opinion of Burns & McDonnell that the current load ratings of highways used to access this site are adequate to handle the waste vehicle traffic.

TCEQ Requirements - The Landfill owner shall:

(1) provide data on the availability and adequacy of roads that the owner or operator will use to access the site;

(2) provide data on the volume of vehicular traffic on access roads within one mile of the proposed facility, both existing and expected, during the expected life of the proposed facility;

(3) project the volume of traffic expected to be generated by the facility on the access roads within one mile of the proposed facility;

(4) submit documentation of coordination of all designs of proposed public roadway improvements such as turning lanes, storage lanes, etc., associated with site entrances with the agency exercising maintenance responsibility of the public roadway involved. In addition, the owner or operator shall submit documentation of coordination with the Texas Department of Transportation for traffic and location restrictions;

Please let me know if you have any questions.

Thanks,

Eric Clapper \ Burns & McDonnell

■ 262-751-5420 eclapper@burnsmcd.com \ burnsmcd.com 4225 Executive Square, Suite 500, La Jolla, CA 92037

Please consider the environment before printing this email.

×	

From:Evans, Matthew (Matt)Sent:Thursday, February 24, 2022 2:26 PMTo:John.Peters@txdot.govCc:jennifer.bettiol@georgetown.orgSubject:City of Georgetown Solid Waste Transfer Station Project

Mr. Peters,

I hope this email finds you well. We are working on preparing a registration application for a redesign of the City of Georgetown solid waste transfer station. The proposed facility will be constructed at the location of the current transfer station and will replace the existing transfer station facility. The TCEQ Solid Waste Regulations require coordination with TxDOT and other applicable public roadway owners when a TCEQ permit modification application is submitted.

Project Summary:

- The facility address is 250 W. L. Walden Drive, Georgetown, Texas, 78626
- The existing transfer station is currently active, and the proposed redesigned transfer station is not expected to materially change the number and type of vehicle traffic from current existing conditions:
 - The site is accessed by entrances on W L Walden Drive and N College Street, which may be accessed via SH 130 and/or I-35.
 - Current operations manage approximately 96,000 tons per year, which requires an average truck traffic rate of 60 vehicles per day.
 - Waste collection and transfer vehicles have gross weights of approximately 45,000 to 54,000 pounds.
- Based on a review of available information, it is the opinion of Burns & McDonnell that the current load ratings of highways used to access this site are adequate to handle the waste vehicle traffic.

TCEQ Requirements - The solid waste facility owner shall:

(1) provide data on the availability and adequacy of roads that the owner or operator will use to access the site;

(2) provide data on the volume of vehicular traffic on access roads within one mile of the proposed facility, both existing and expected, during the expected life of the proposed facility;

(3) project the volume of traffic expected to be generated by the facility on the access roads within one mile of the proposed facility;

(4) submit documentation of coordination of all designs of proposed public roadway improvements such as turning lanes, storage lanes, etc., associated with site entrances with the agency exercising maintenance responsibility of the public roadway involved. In addition, the owner or operator shall submit documentation of coordination with the Texas Department of Transportation for traffic and location restrictions;

Thanks in advance for your time and response and have a good day,

Matt Evans, PE* \ Burns & McDonnell

Project Manager o 952-222-7249 \ M 612-240-2094 \ F 952-229-2923 maevans@burnsmcd.com \ burnsmcd.com 8201 Norman Center Drive, Suite 500, Bloomington, MN 55437 *Registered in: GA, MN, MT, ND, SD, TX, WY





Site Development Plan Part III (30 TAC 330.63)



City of Georgetown Transfer Station

Part III Application Project No. 115655

> Revision 3 4/13/2023



Site Development Plan Part III (30 TAC 330.63)

prepared for

City of Georgetown Transfer Station 250 W. L. Walden Drive Georgetown, Texas

TCEQ MSW PERMIT NUMBER MSW 40331 TCEQ REGISTRY NUMBER FOR FACILITY – RN101999233 CITY OF GEORGETOWN TCEQ CUSTOMER – CN600412043

Project No. 115655

Revision 3 4/13/2023

prepared by



4-13-2023

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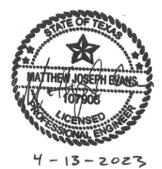
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1.0 SITE DEVELOPMENT PLAN

1.1 Introduction

The following Part III – Site Development Plan (SDP) has been prepared for the Georgetown Transfer Station consistent with Title 30 Texas Administrative Code (TAC) §330.63.

Part III – SDP addresses the general facility design, closure plan, and cost estimate for closure. Site design plans for the Georgetown Transfer Station are presented in Appendix III-A.

1.2 Background

The Georgetown Transfer Station will provide an efficient means to process and transfer waste that is generated in the City of Georgetown and surrounding area and transfer the waste to a Texas Commission on Environmental Quality (TCEQ) permitted MSW landfill. This facility will comply with 30 TAC \$330.9(e)(1) by ensuring that the incoming waste has been reduced by 10 percent through a source separated recycling program and onsite citizen drop-off recycling including mixed residential recycling (e.g., plastic, paper, metal, glass), yard waste, and used oil. Estimated annual recycling and recordkeeping practices related to 30 TAC \$330.9(e)(1) requirements are included in the Site Operating Plan (Part IV of this application). Additionally, in accordance with Title 30 Texas Administrative Code (TAC) \$330.9(e)(2), non-recyclable waste will be transferred to a permitted MSW landfill located within 50 miles of the transfer station, such as the TDS Landfill (RN 102962107) located in Creedmoor Texas.

Support facilities for the Georgetown Transfer Station include a gate house, truck scales, garden center building, truck wash, covered public drop-off area, and collection and transfer equipment parking/staging area.

1.3 Site Location

The Georgetown Transfer Station is located near the intersection of West Walden Drive and North College Street. The new transfer station building will replace the existing transfer station facility on the current property that includes a closed landfill.

1.4 Land Use and Zoning [§330.63(a)]

Information related to zoning is provided in Part I/II of this application.

3.0 FACILITY SURFACE WATER DRAINAGE REPORT [§330.63(C)]

(c) Facility surface water drainage report. The owner or operator of a municipal solid waste (MSW) facility shall include a statement that the facility design complies with the requirements of §330.303 of this title (relating to Surface Water Drainage for Municipal Solid Waste Facilities). Additionally, applications for landfill and compost units shall include a surface water drainage report to satisfy the requirements of Subchapter G of this chapter (relating to Surface Water Drainage) and shall include the following.

Consistent with 30 TAC §330.303, the transfer station and Citizens' Collection Station will be constructed, maintained, and operated to manage run-on and runoff from during the peak discharge of a 25-year rainfall event and prevent the off-site discharge of waste and feedstock materials, including but not limited to both in-process and/or processed materials. Surface water drainage in and around the facility will be controlled to minimize water running onto, into, and off the treatment area.

Additionally, consistent with 30 TAC §330.211, the roll-offs in the Citizen's Collection Station are covered with a canopy, preventing rainfall from landing in them. The roll-offs will be maintained in a clean condition so that they do not constitute a nuisance and retard the harborage, feeding, and propagation of vectors. The containers will be designed to prevent spillage or leakage during storage, handling, or transport.

3.1 Surface Water Drainage

This facility will comply with 30 TAC §330.303. This facility will be constructed, maintained, and operated to manage run-on and runoff during the peak discharge of a 25-year rainfall event and will prevent the off-site discharge of waste and feedstock material, including, but not limited to, in-process and/or processed materials. Surface water drainage in and around the facility will be controlled to minimize surface water running onto, into, and off the treatment area.

3.2 Flood Control Analysis

As shown in Figure A-11 (Part I/II), a portion of the registration boundary is located within the 100-year floodplain. The transfer station facility is not located in the 100-year floodplain, and no waste processing activities will be performed within the 100-year floodplain. The extent of the 100-year flood plain is presented on CG-401 included in Appendix III-A.





Site Operating Plan Part IV (30 TAC §330.65)



City of Georgetown Transfer Station

Part IV Application Project No. 115655

> Revision 3 4/13/2023



Site Operating Plan Part IV (30 TAC §330.65)

prepared for

City of Georgetown Transfer Station 250 W. L. Walden Drive Georgetown, Texas

TCEQ MSW PERMIT NUMBER MSW 40331 TCEQ REGISTRY NUMBER FOR FACILITY – RN101999233 CITY OF GEORGETOWN TCEQ CUSTOMER – CN600412043

Project No. 115655

Revision 3 4/13/2023

prepared by



4-13-2023

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Reuse and recycling of at least 10 percent will be ensured through the diversion of recyclables, composting of yard trimmings and leaves, and mulching of wood waste. Non-recoverable waste received at the site is transferred to a Type I Municipal Solid Waste Landfill within 50 miles of the Georgetown TS for disposal, such as the TDS Landfill (RN102962107) located in Creedmoor, Texas.

3.2 Receipt of Industrial Waste

Class 1 industrial wastes are not accepted at the City of Georgetown transfer facility.

3.3 Receipt of Special Waste

Special Wastes (per 30 TAC §330.3) are accepted at the City of Georgetown transfer station, and the following procedures will be followed at the site:

- Lead acid batteries are accepted for recycling at the facility. They are staged under cover and removed from the site by an authorized recycler a minimum of once a month (more often as needed). The average staging time is approximately two weeks. The maximum number of lead acid batteries that will be staged at the facility at any given time is 50 batteries.
- Used oil will be temporarily stored in a container until transported off-site by an authorized hauler to an approved oil recycling facility. The container's size and material may vary if the container is replaced. The container shall be made of steel, HDPE, or other material compatible with the storage of used oil, be double walled or have sufficient secondary containment to contain the entire volume of the container, and have a maximum capacity of 1,000 gallons. The container will be located at the hazmat storage building at the used oil drop off location shown on Drawing CG-010 in Appendix IV-A. The used oil will be removed from the site at least quarterly. Contaminated Waste will be sampled and handled in accordance with Section 4.0 Contaminated Water Plan, in the Site Operating Plan.
- Used oil filters from internal combustion engines (to include filters which have been crushed and/or processed to remove free-flowing used oil) are collected in a covered drum at the facility. A licensed recycler removes the oil filters on a weekly basis, with an average staging time of 3 days. They are not emptied, crushed, or otherwise processed on-site. The maximum amount of used oil filters staged at the facility at any given time will not exceed two drums.

3.4 **Prohibited Wastes**

Wastes authorized above shall not contain, or the transfer station will not accept the following:

4.0 CONTAMINATED WATER MANAGEMENT [§330.207]

4.1 Contaminated Water Management Plan

All liquids resulting from the operation of the transfer station will be disposed of in a manner that will not cause surface water or groundwater pollution. The operator will send wastewater off site to an authorized facility (i.e., City of Georgetown sanitary sewer system) through sanitary sewer connection. Wastewaters discharged to a treatment facility permitted under Texas Water Code, Chapter 26 will not:

- 1. Interfere with or pass-through the treatment facility processes or operations
- 2. Interfere with or pass-through its sludge processes, use, or disposal
- 3. Otherwise be inconsistent with the prohibited discharge standards, including 40 code of federal regulations part 403, general pretreatment regulations for existing and new source pollution

Analyses for wastes received will be made for benzene, lead, and total petroleum hydrocarbons (TPH). Effluent from the facility will be analyzed annually for TPH, fats, oil, and grease, and pH. Records of each analysis will be maintained at the facility for a minimum of three years. All sampling and analysis will be done according to EPA-approved methods in accordance with 30 TAC 330.203(c)(2).

Contaminated water and leachate will be collected and contained until properly managed. This facility does not process grease trap waste, or septage; and is not a mobile liquid waste processing unit. Off-site discharge of contaminated waters will be made only after specific written approval under the Texas Pollutant Discharge Elimination System authority. The facility will abide by the daily effluent design standard under 30 TAC 330.207(g). The daily effluent design standard for oil and grease concentration leaving the facility and entering a public sewer system will not exceed 200 milligrams per liter.

northeast side of the site in the area labeled "CANOPY" on Drawing CS-101. Waste materials to be collected in the roll-off containers include MSW, scrap metal, and wood waste. The roll-off containers used in the citizen's collection station activities will not be involved in the waste processing under the registration activities. When a roll-off reaches capacity, the operator will use a hook-truck to move the roll-offs and unload it in the MSW transfer station building or metal and wood waste stockpiles. Rules will be posted governing the use of the facility to include who may use it, what may or may not be deposited, etc. The operator will provide for the collection of deposited waste on a scheduled basis and supervise the facility in order to maintain it in a sanitary condition. Containers and roll-offs used to collect MSW will be under a covered canopy as shown on Drawing CG-010 in Appendix IV-A, and will be of suitable strength to minimize vector scavenging and rupturing. Containers and roll-offs will maintained in a clean condition as not to constitute a nuisance or harbor, feed, or propagate vectors. Containers will be designed for safe handling. Containers that are emptied manually will be capable of being serviced without physical contact with waste. Containers that are mechanically handled will be designed to prevent spillage or leakage during storage, handling or transport.