



Texas Commission on Environmental Quality Waste Permits Division Correspondence Cover Sheet

Date: October 27, 2025

Facility Name: Temple Recycling & Disposal Facility

Permit or Registration No.: MSW-692B

Nature of Correspondence:

Initial/New

Response/Revision to TCEQ Tracking No.:
_____ (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.

Table 1 - Municipal Solid Waste Correspondence

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

Table 2 - Industrial & Hazardous Waste Correspondence

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



October 27, 2025

Project No. US0022880.8845

Municipal Solid Waste Permits Section, MC 124
Texas Commission on Environmental Quality
P.O. Box 13067
Austin, Texas 78711-3067

**PERMIT NOTICE MODIFICATION
TEMPLE RECYCLING & DISPOSAL FACILITY
INTERIM LEACHATE CONTAINMENT POND
MSW PERMIT NO. 692B**

Dear MSW Permits Section Representative,

On behalf of USA Waste of Texas Landfills Inc. (USA Waste), WSP USA Inc. (WSP) hereby submits this request for a Municipal Solid Waste Permit Notice Modification in accordance with 30 TAC §305.70 (k)(11) to the current MSW Permit No. 692B for the Temple Recycling & Disposal Facility (Temple RDF). The changes to the issued MSW Permit No. 692B will maintain and/or improve the permitted quality or method of disposal of waste at the Temple RDF.

The main contents of this permit mod include the following:

Permit Modification Item No.	Proposed Modification	Modification Classification Reference
1	Modifications to procedures for treatment and disposal of leachate and contaminated water permitting the installation of an Interim Leachate Containment Pond	Title 30 to the Texas Administrative Code (30 TAC) §305.70(k)(11)

Interim Leachate Containment Pond

The current permitted procedures for treating and disposing of leachate and contaminated water collected at this site are:

- Store liquids in on-site storage tanks and utilize on-site tanker trucks to transport the liquid to a Publicly Owned Treatment Works (POTW) for treatment
- Store liquids on-site in permitted leachate containment Ponds A and B prior to disposal of the leachate and contaminated water from the permitted leachate containment ponds into the sanitary sewer system for treatment at a POTW

The requested modification to this plan would permit, in addition to the current practices, an Interim Leachate Containment Pond to store leachate and contaminated water collected at the site prior to disposal of the leachate and contaminated water into the sanitary sewer system for treatment at a POTW. The location of the proposed Interim Leachate Containment Pond is depicted on the revised Figure III-1-2 and is located within the permitted waste footprint, in an area to be developed for waste placement many years in the future.

The proposed Interim Leachate Containment Pond will neither impact the permitted waste volume to be received nor impact the permitted final waste grades. At time of construction of future Tract 1C, Cell 1, the Interim Leachate Containment Pond and its components will be removed.

Permit Modification Overview

As a permit notice modification, this submittal does not require a full permit application. A permit notice modification application with only the portions of the permit and attachments to which changes are being proposed will be submitted. Additionally, as per 30 TAC §305.70 (k)(11), this permit modification will require notice.

The following drawings from the existing Part III, Site Development Plan and Part III, Waste Management Unit Design have been revised or added in accordance with the requested modifications:

- Figure III-1-2: Schematic View of Various Waste Disposal, Processing, and Storage Areas
- Figure III-3-10.1: Leachate Containment Pond Top of Subgrade Map
- Figure III-3-10.2: Leachate Containment Pond Top of Clay Map
- Figure III-3-10.3: Leachate Containment Pond Profiles

Consistent with TCEQ requirements, this submittal includes the Part I Application Form (Form TCEQ-20650) and Landowner Map and List. In accordance with 30 TAC §305.70 (k)(11), WSP has remitted payment of the \$150 notice modification application fee. The payment receipt, Application Form, and Landowner Map and List are included as Enclosure A of this request submittal. Per 30 TAC §305.70(k),

A Summary and Explanation of Changes table is included as Enclosure B with this submittal and lists the sections and figures from the current permit that have been revised or added in accordance with the requested modifications. The marked redline-strikeout pages and unmarked replacement pages are included with this request submittal as Enclosure C and Enclosure D, respectively.

The proposed permit amendment materials, which include this letter and Enclosures A-D, are being submitted digitally to the TCEQ. In addition, three (3) copies of the proposed amendment materials will be submitted in hardcopy form to the TCEQ. The minor permit amendment package will be posted to a publicly accessible website as indicated in form TCEQ-20650, Application Form, Section 5 – Application URL.

Upon receipt and review of this material, if you or your staff have any questions, please contact Chad Ireland at (281) 589-5900 or by email at [REDACTED] and Jayson Lang at (512) 823-2893 or by email at [REDACTED]

Sincerely,

WSP USA Inc.



Keshab Gyawali, PE
Lead Consultant, Civil Engineer



Chad E. Ireland, PE
Assistant Vice President, Geological Engineer
Waste Facility Engineering Team Lead
Civil, Ground Engineering & Materials Service Line Leader

EWT/CEI/kjc

CC: Charles ("Chuck") A. Rivette, PE – Director of Planning and Project Development (USA Waste)
Jayson Lang, PE – Texas Oklahoma Market Area Engineer (USA Waste)
Chad E. Ireland, PE – Lead Consultant and Waste Services Industry Group Leader (WSP)

LIST OF ENCLOSURES

- | | |
|-------------|--|
| Enclosure A | TCEQ Form 20650, Fee Payment Receipt, and Landowner Map and List |
| Enclosure B | Summary and Explanation of Changes Table |
| Enclosure C | Redline-Strikeout Pages (<i>Marked Revisions</i>) |
| Enclosure D | Replacement Pages (<i>Unmarked Revisions</i>) |

ENCLOSURE A

Part I Form & Fee Payment Receipt

Temple Recycling & Disposal Facility

Bell County, Texas

MSW No. 692B

**Notice Modification
Permit Amendment**

October 2025

TCEQ-20650
Application Form



Texas Commission on Environmental Quality

Application Form for Municipal Solid Waste Permit or Registration Modification or Temporary Authorization

Application Tracking Information

Facility Name: _____

Permittee or Registrant Name: _____

MSW Authorization Number: _____

Initial Submission Date: _____

Revision Date: _____

Instructions for completing this form are provided in [form TCEQ-20650-instr](#)¹. 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
<input type="checkbox"/> Initial Submission <input type="checkbox"/> Notice of Deficiency (NOD) Response
2. Authorization Type
<input type="checkbox"/> Permit <input type="checkbox"/> Registration
3. Application Type
<input type="checkbox"/> Modification with Public Notice <input type="checkbox"/> Modification without Public Notice <input type="checkbox"/> Temporary Authorization (TA) <input type="checkbox"/> Modification for Name Change or Transfer
4. Application Fee
<p>Amount</p> <p>The application fee for a modification or temporary authorization is \$150.</p> <p>Payment Method</p> <input type="checkbox"/> Check <input type="checkbox"/> Online through ePay portal www3.tceq.texas.gov/epay/ If paid online, enter ePay Trace Number: XXXXXXXXXX

¹ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/20650-instr.pdf

5. Electronic Versions of Application

For modifications that require notice, TCEQ will publish electronic versions of the application online. Applicants must provide a clean copy of the administratively complete application and technically complete application. TCEQ will also publish electronic versions of NOD responses online. <https://www.wm.com/wm/permits-texas/permits.jsp>

6. Party Responsible for Mailing Notice

For modifications that require notice, indicate who will be responsible for mailing notice:

Applicant Agent in Service Consultant

Contact Name: _____

Title: _____

Email Address: _____

7. 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."

8. Facility General Information

Facility Name: _____

Contact Name: _____ Title: _____

MSW Authorization Number (if existing): _____

Regulated Entity Reference Number: **RN** _____

Physical or Street Address: _____

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

Phone Number: _____

Latitude (Degrees, Minutes, Seconds): _____

Longitude (Degrees, Minutes, Seconds): _____

9. Facility Types

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

10. Description of the Revisions to the Facility

Provide a brief description of revisions to permit or registration conditions and supporting documents referred to by the permit or registration, and a reference to the specific provisions under which the modification or temporary authorization application is being made. Also, provide an explanation of why the modification or temporary authorization is needed:

11. Facility Contact Information

Site Operator (Permittee or Registrant)

Name: _____

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: _____

Operator (if different from *Site Operator*)

Name: _____

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: _____

Consultant Name: _____

Texas Board of Professional Engineers Firm Registration Number: _____

Contact Name: _____ Title: _____

Mailing Address: _____

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

Phone Number: _____

Email Address: _____

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

Name: _____

Mailing Address: _____

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

Phone Number: _____

Email Address: _____

12. Ownership Status of the Facility

Is this a modification that changes the legal description, the property owner, or the Site Operator (Permittee or Registrant)?

Yes No

If the answer is "No", skip this section.

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: _____

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: _____

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 Brynn Myers 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: Brynn Myers

Email Address: bmyers@templetx.gov

Signature: [Handwritten Signature] Date: 4.16.25

Notary

SUBSCRIBED AND SWORN to before me by the said _____

On this 16 day of April, 2025

My commission expires on the 15 day of February, 2027

[Handwritten Signature]

Notary Public in and for
Bell County, Texas

Approved As To Form

[Handwritten Signature]
City Attorney's Office



Note: Application Must Bear Signature and Seal of Notary Public

Attachments for Permit or Registration Modification with Public Notice

Refer to instruction document **200650-instr** for professional engineer seal requirements.

Attachments Table 1. Required attachments.

Required Attachments	Attachment Number
Land Ownership Map	
Landowners List	
Marked (Redline/Strikeout) Pages	
Unmarked Revised Pages	

Attachments Table 2. Additional attachments as applicable.

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input type="checkbox"/> TCEQ Core Data Form(s)	
<input type="checkbox"/> Signatory Authority Delegation	
<input type="checkbox"/> Fee Payment Receipt	
<input type="checkbox"/> Confidential Documents	

Attachments for Permit or Registration Modification without Public Notice, or Temporary Authorization

Refer to instruction document **200650-instr** for professional engineer seal requirements.

Attachments Table 3. Required attachments for modifications.

Required Attachments for Modification	Attachment Number
Marked (Redline/Strikeout) Pages	
Unmarked Revised Pages	

Attachments Table 4. Additional attachments for modifications and temporary authorizations, as applicable.

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input type="checkbox"/> TCEQ Core Data Form(s)	
<input type="checkbox"/> Signatory Authority Delegation	
<input type="checkbox"/> Fee Payment Receipt	
<input type="checkbox"/> Confidential Documents	

Attachments for Permit or Registration Name Change or Transfer Modification

Refer to instruction document **200650-instr** for professional engineer seal requirements.

Attachments Table 5. Required attachments.

Required Attachments	Attachment Number
TCEQ Core Data Form(s)	
Property Legal Description	
Property Metes and Bounds Description	
Metes and Bounds Drawings	
On-Site Easements Drawing	
Land Ownership Map	
Land Ownership List	
Property Owner Affidavit	
Verification of Legal Status	
Evidence of Competency	

Attachments Table 6. Additional attachments as applicable.

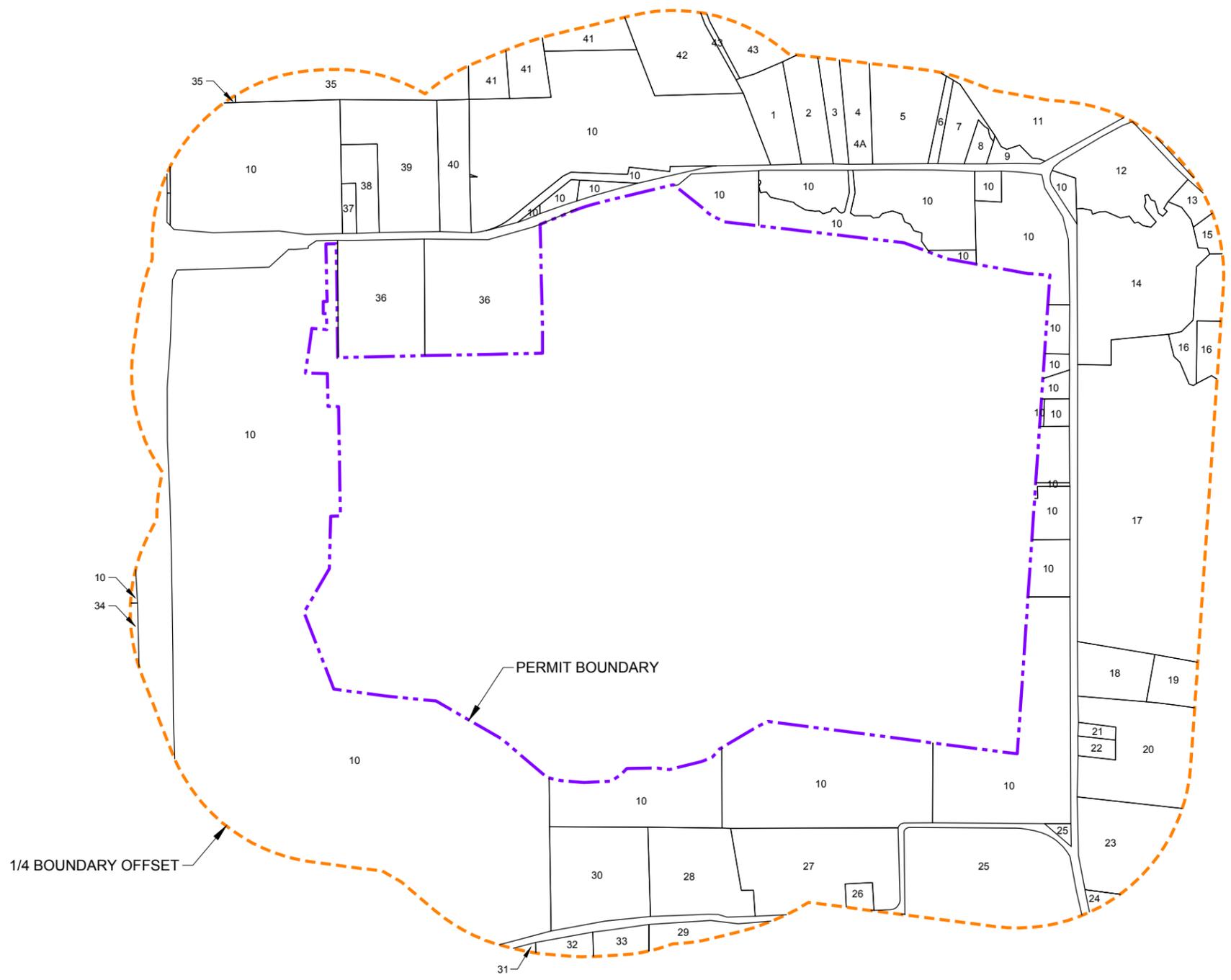
Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input type="checkbox"/> Signatory Authority Delegation	
<input type="checkbox"/> Fee Payment Receipt	
<input type="checkbox"/> Confidential Documents	
<input type="checkbox"/> Final Plat Record of Property	
<input type="checkbox"/> Assumed Name Certificate	

Appendix 1B:
Landowner Map and Landowner List

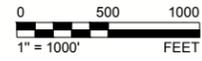


LEGEND
 - - - PERMIT BOUNDARY
 44 PARCEL IDENTIFIER - SEE LAND OWNERSHIP LIST

NOTE(S)
 1. ADJACENT AND POTENTIALLY AFFECTED LANDOWNERS INFORMATION WAS OBTAINED FROM



FOR PERMITTING PURPOSES ONLY



Path: \\wsp-jbwan-net\user\chad\US022880\CTX_Data\wspmanagement\Templates\template09_permit.dwg | File Name: US022880.8845-01-C-07.dwg

1	2025-10-27	ISSUED FOR PERMITTING PURPOSES	KG	TNB	CEI	CEI
REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED

SEAL

WSP USA INC.
 TEXAS REGISTRATION F-2263

CLIENT

CONSULTANT

WSP USA INC.
 9655 KATY FREEWAY, SUITE 200
 HOUSTON, TEXAS 77024
 USA
 281-589-5900
 www.golder.com

PROJECT
 TEMPLE RECYCLING AND DISPOSAL FACILITY
 LEACHATE POND PERMIT MODIFICATION MSW 692B
 BELL COUNTY, TEXAS

TITLE
LAND OWNERSHIP MAP

PROJECT NO. US0022880.8845 PERMIT SECTION PART III, ATT. 1 REV. 0 2 of 5 FIGURE III-1-3

1 in. IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

**TEMPLE RECYCLING & DISPOSAL FACILITY
TCEQ PERMIT NO. MSW 692B
ADJACENT AND POTENTIALLY AFFECTED LANDOWNERS LIST**

See Adjacent and Potentially affected Landownership Map - (Figure IB-1)

1. Jose Jesus and Joel C. Arroyo
4350 Little Flock Rd
Temple, Texas 76501-7419
2. Jose J. and Maria Arroyo
4350 Little Flock Rd
Temple, Texas 76501
3. Willie B. Hill
3517 Oakview Dr.
Temple, Texas 76502
4. Rosemary Tolbert
4498 Little Flock Road
Temple, Texas 76501-7170
- 4A. Angel Maria Tolbert & Corbann Daniel Love
4490 Little Frock Rd
Temple, Texas 76501
5. Johnny and Lisa Jarosek
4698 Little Flock Road
Temple, Texas 76501-7178
6. Johnny and Lisa Jarosek
4698 Little Flock Road
Temple, Texas 76501-7178
7. Johnny and Lisa Jarosek
4698 Little Flock Road
Temple, Texas 76501-7178
8. Johnny and Lisa I. Jarosek
4698 Little Flock Road
Temple, Texas 76501-7178

**TEMPLE RECYCLING & DISPOSAL FACILITY
TCEQ PERMIT NO. MSW 692B
ADJACENT AND POTENTIALLY AFFECTED LANDOWNERS LIST**

See Adjacent and Potentially affected Landownership Map - (Figure IB-1)

1. Jose Jesus and Joel C. Arroyo
4350 Little Flock Rd
Temple, Texas 76501-7419
2. Jose J. and Maria Hernandez
4350 Little Flock Rd
Temple, Texas 76501
3. Willie B. Hill
3517 Oakview Dr.
Temple, Texas 76502
4. Rosemary Tolbert
4498 Little Flock Road
Temple, Texas 76501-7170
- 4A. Angel Maria Tolbert & Corbann Daniel Love
4490 Little Frock Rd
Temple, Texas 76501
5. Johnny and Lisa Jarosek
4698 Little Flock Road
Temple, Texas 76501-7178
6. Johnny and Lisa Jarosek
4698 Little Flock Road
Temple, Texas 76501-7178
7. Johnny and Lisa Jarosek
4698 Little Flock Road
Temple, Texas 76501-7178
8. Johnny and Lisa I. Jarosek
4698 Little Flock Road
Temple, Texas 76501-7178

9. Johnny and Lisa Jarosek
4698 Little Flock Road
Temple, Texas 76501-7178

10. City of Temple
PO Box 987
Temple, Texas 76501

11. Lyle C. Meier
920 E 6th Ave
Belton, Texas 76313

12. John Malcik, Jr.
550 Cemetery Road
Temple, Texas 76501-7109

13. Primitive Baptist Church
C/O Little Flock Cemetery Association
PO Box 55
Temple, Texas 76503-0055

14. Ralph Joseph Buscemi Jr.
975 Bobby White Rd
Temple, Texas 76501

15. Little Flock Cemetery Assoc.
PO Box 55
Temple, Texas 76504

16. Erika Magdelana Boehme
2210 51st Ter.
Temple, Texas 76504-6973

17. Daniel J. Kruppa and Wife, Mary Helen Kruppa
12415 Muller Sky Ct.
Tomball, Texas 77377-1519

18. Ruben and Yadira Arroyo Hernandez
1701 Bob White Raod
Temple, Texas 76501-7183

19. Billy Wayne Mitchell ETUX Josephine
1701 Bob White Road, Unit 200
Temple, Texas 76501-7106
20. Paige Flick Begley
24811 Vario Ln
San Antonio, Texas 78260
21. Jose Ines Ramirez
1753 Bob White Road
Temple, Texas 76501-7106
22. Bernice M. Bryson
1791 Bob White Road
Temple, Texas 76501-7106
23. Billy Alton Ray ETAL
1975 Bob White Road
Temple, Texas 76501-7503
24. Jesse Padilla Sisneros
801 N 10th Street
Temple, Texas 76501-2647
25. Joe R. and Keith Allen Moore
11803 Bonnie Ln
Belton, Texas 76513
26. William P. et ux Patricia A. Proctor
4420 Tower Road
Temple, Texas 76501-7153
27. William P. Proctor
4420 Tower Road
Temple, Texas 76501-7153
28. Manuel Davila Leija
4180 Tower Rd
Temple, Texas 76501
29. Theresa Marie Lee
4210 Stagecoach Trail
Temple, Texas 76502-3233

30. Daniel Sierra
3891 Steeple Chase Ct
Midlothian, Texas 76005
31. Michael B. Slagle
9500 CR 163
Bangs, Texas 76823
32. Temple Economic Development Corporation
201 W Ave A STE 103
Temple, Texas 76501
33. Temple Economic Development Corporation
201 W Ave A STE 103
Temple, Texas 76501
34. Ridge at Knob Creek Development Inc.
2002 Rustic Manor Dr.
Temple, Texas 76502
35. Pechal Cabinets LLC
3505 E Adams Ave
Temple, Texas 76501
36. ONCOR Electric Delivery
Attn State & Local Tax
PO Box 139100
Dallas, Texas 75313
37. Patrick J. Rincones
3306 Little Flock Road
Temple, Texas 76501-7177
38. Sheila Marie Lucky
3314 W Avenue H
Temple, Texas 76501
39. William Moore
110 Lauria Ct
Littleton, NC 27850
40. Sergio and Natalia Peralta
3506 E Avenue H

Temple, Texas 76501

41. Portsmouth Holdings LLC
3440 Preston Ridge Rd, STE 500
Alpharetta, GA 30005
42. MIRI Group LLC
1035 Crescent Dr.
Belton, Texas 76513
43. Walter H. & Tereda C. Huggins
209 E Upshaw Ave
Temple, Texas 76501

All adjoining information was obtained from the Bell County Appraisal District Website on October 27, 2025.

No mineral interest ownerships under the facility were identified based on a search of the real property appraisal records.

Appendix IF:
Application Fee Payment

Your transaction is complete. Thank you for using TCEQ ePay.

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt and the vouchers for your records. An email receipt has also been sent.

Transaction Information

Trace Number: [REDACTED]
Date: 11/12/2025 04:02 PM
Payment Method: CC - Authorization [REDACTED]
ePay Actor: KELLY CROWE
Actor Email: [REDACTED]
IP: 98.57.180.87
TCEQ Amount: \$150.00
Texas.gov Fee: \$3.63
Texas.gov Price: \$153.63*

* This service is provided by Texas.gov, the official website of Texas. The price of this service includes funds that support the ongoing operations and enhancements of Texas.gov, which is provided by a third party in partnership with the State.

Payment Contact Information

Name: KELLY CROWE
Company: WSP USA INC
Address: 9655 KATY FREEWAY SUITE 200, HOUSTON, TX 77024
Phone: 281-821-6834

Cart Items

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
793514	NONHAZARDOUS WASTE PERMIT - MODIFICATIONS		\$100.00
793515	30 TAC 305.53B HWP NOTIFICATION FEE		\$50.00
TCEQ Amount:			\$150.00

[ePay Again](#)

[Exit ePay](#)

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt for your records.

ENCLOSURE B

Summary and Explanation of Changes Table

Temple Recycling & Disposal Facility

Bell County, Texas

MSW No. 692B

**Notice Modification
Permit Amendment**

October 2025

Temple RDF – Permit Amendment

Summary and Explanation of Changes Table

	Replacement Section	Page(s)	Explanation of Changes
Part III	Part III, Site Development Plan	Cover	<ul style="list-style-type: none"> Updated cover with submittal details
		Pg. III-i	<ul style="list-style-type: none"> Updated Table of Contents with submittal details
		Pgs. III-7	<ul style="list-style-type: none"> Added text describing the proposed Interim Leachate Containment Pond to Section 2.2.6 Leachate Storage/Evaporation Ponds
		Figure III-1-2: Schematic View of Various Waste Disposal, Processing, and Storage Areas	<ul style="list-style-type: none"> Added footprint of the proposed Interim Leachate Containment Pond
	Attachment 3: Waste Management Unit Design	Cover	<ul style="list-style-type: none"> Updated cover with submittal details
		Pgs. III-3-i to III-3-iii	<ul style="list-style-type: none"> Updated Table of Contents
		Pg. III-3-25	<ul style="list-style-type: none"> Revised Section 6.2.1.6 Leachate Storage text to include the proposed interim leachate collection pond
		Figure III-3-10.1: Interim Leachate Containment Pond (Full)	<ul style="list-style-type: none"> NEW Leachate Containment Pond Top of Subgrade Map
		Figure III-3-10.2: Interim Leachate Containment Pond Profiles	<ul style="list-style-type: none"> NEW Leachate Containment Pond Top of Clay Map
		Figure III-3-10.3: Interim Leachate Containment Pond Details	<ul style="list-style-type: none"> NEW Leachate Containment Pond Profiles
	Attachment 7: Closure Plan	Cover	<ul style="list-style-type: none"> Updated cover with submittal details
		Pg. III-7-8	<ul style="list-style-type: none"> Revised Section 6.0 Closure of Storage and Processing Units include the proposed interim leachate collection pond

ENCLOSURE C

Redline-Strikeout Pages

Marked Revisions

Temple Recycling & Disposal Facility

Bell County, Texas

MSW No. 692B

Notice Modification

Permit Amendment

October 2025

Part III
Site Development Plan

SITE DEVELOPMENT PLAN

Temple Recycling & Disposal Facility

Temple, Bell County, Texas

TCEQ Permit MSW-692B

Owner/Site Operator/Permittee:



City of Temple
201 N. Main
Temple, Texas 76501

~~GOLDER ASSOCIATES~~ WSP USA INC.
Professional Engineering Firm
Registration Number F-25782263

INTENDED FOR PERMITTING
PURPOSES ONLY

Operator:



Waste Management of Texas, Inc.
9708 Giles Lane
Austin, Texas 78781

Submitted By:

~~Golder Associates~~ WSP USA Inc.
Professional Engineering Firm Registration Number F-2578F-2263
500 Century Plaza Drive, Suite 190 9655 Katy Freeway, Suite 200, Houston, Texas 77024 USA

Submitted: June 2016
Revised: January 2017
Revised: April 2017
Revised: October 2025

Project No. 1400336US0022880.8845

Table of Contents

1.0	INTRODUCTION.....	1
1.1	Site Location and History	1
1.2	Proposed Expansion	1
1.3	Land Use and Zoning.....	2
1.3.1	Zoning	2
1.3.2	Character of Surrounding Land Use	2
1.4	Adequacy of Access Roads and Highways	3
2.0	GENERAL FACILITY DESIGN	4
2.1	Facility Access and Control–§330.63(b)(1).....	4
2.2	Waste Movement–§330.63(b)(2)	5
2.2.1	Citizen Collection Station	65
2.2.2	Whole Tire Staging Area.....	6
2.2.3	Reusable Materials Staging Area	6
2.2.4	Liquid Waste Stabilization Area	87
2.2.5	Leachate Storage/Evaporation Ponds.....	87
2.3	Protection of Endangered Species–§330.63(b)(5).....	98
3.0	FACILITY SURFACE WATER DRAINAGE DESIGN–§330.63(C)	109
4.0	WASTE MANAGEMENT UNIT DESIGN–§330.63(D)(4).....	1140
5.0	GEOLOGY AND SOILS–§330.63(E)	1244
6.0	GROUNDWATER CHARACTERIZATION AND MONITORING–§330.63(F)	1342
7.0	LANDFILL GAS MANAGEMENT–§330.63(G)	1443
8.0	CLOSURE–§330.63(H) & (J)	1544
9.0	POST-CLOSURE–§330.63(I) & (J).....	1645

List of Attachments

- Attachment 1 General Facility Design
- Attachment 2 Surface Water Drainage Report
- Attachment 3 Waste Management Unit Design
- Attachment 4 Geology Report
- Attachment 5 Groundwater Characterization and Monitoring
- Attachment 6 Landfill Gas Management Plan
- Attachment 7 Closure Plan
- Attachment 8 Post Closure Plan
- Attachment 9 Closure and Post Closure Cost Estimate

GOLDER ASSOCIATES WSP USA INC.
 Professional Engineering Firm
 Registration Number F-~~25782263~~

**INTENDED FOR PERMITTING
 PURPOSES ONLY**

[https://wspnlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/temple rdi/31404444.te draft/iii_sdp_rev3a-20250505.docx](https://wspnlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/temple%20rdi/31404444.te%20draft/iii_sdp_rev3a-20250505.docx)[https://wspnlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/temple rdi/31404444.te draft/iii_sdp_rev3a-20240509.docx](https://wspnlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/temple%20rdi/31404444.te%20draft/iii_sdp_rev3a-20240509.docx)[https://wspnlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/waste management of texas temple 692b/permit mod leachate collection pond/5-working documents/2024_0509-draft/06062024-draft/2024_0812-draft/iii_sdp_rev3a-20240509.docx](https://wspnlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/waste%20management%20of%20texas%20temple%20692b/permit%20mod%20leachate%20collection%20pond/5-working%20documents/2024_0509-draft/06062024-draft/2024_0812-draft/iii_sdp_rev3a-20240509.docx)

Submitted: June 2016
 Revised: January 2017
 Revised: April 2017
 Revised: October 2025

2.2.4 Large Item Salvage/White Goods Staging Area

Large items and white goods removed from the active face are typically staged on the ground near the active face. The large items and white goods are subsequently transferred into steel roll-off containers for staging until transported to an off-site recycler. White goods containing CFCs are not accepted at the facility. The roll-off containers will be removed from the site when completely full or otherwise every 180 days or less to ensure that these materials do not create a nuisance.

The large item staging area is located on open ground within the proposed waste footprint; no construction details of the staging area is required. The location of the large item staging area may be adjusted based on site operation conditions.

2.2.5 Liquid Waste Stabilization Area

The facility is authorized to perform on-site liquid waste processing. Liquid wastes will be directed to the on-site liquid stabilization processing area prior to being disposed of in the landfill. The procedures followed to locate and stabilize liquid waste are described in Part IV, Site Operating Plan. The current liquid waste stabilization area is located as shown on Part III, Attachment 1, Figure III-1-2. The Liquid Waste Stabilization Area may be relocated periodically as needed during development and filling of the landfill.

Liquid waste stabilization is performed in steel frac tank(s) or containers that are situated within a lined waste disposal area. The size of the containers used for liquid stabilization may be adjusted based on site operation conditions.

2.2.6 Leachate Storage/Evaporation Ponds

There are two existing leachate ponds that have been approved by the TCEQ:

- Pond A: A modular steel tank constructed of a reinforced steel frame with a geomembrane liner underlain by a clay layer is currently in use. For operating purposes, this tank is called Pond A. Pond A was authorized by a permit modification approved by TCEQ in early 2002.
- Pond B: On November 17, 2004, TCEQ approved a permit modification to the facility's Leachate and Contaminated Water Plan authorizing the construction of up to two additional in-ground ponds labeled Pond A and Pond B. Only one of these in-ground ponds has been constructed to date. For operating purposes, the pond constructed is called Pond B.

Locations of the existing leachate ponds are shown on Part III, Attachment 1, Figure III-1-2. Construction and design details of these leachate ponds are provided in Part II, Appendix IIF.

[A proposed interim leachate containment pond is shown on Part III, Attachment 1, Figure III-1-2. Construction and design details of the proposed pond are provided in Part III, Attachment 3, Figures III-3-10.1 to III-3-10.3.](#)

[https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/temple rdl/31404444.tem3 - cell 3 construction/5 technical work/leachate pond/final draft/iii_sdp_rev3a-20250505.docx](https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/temple%20rd/31404444.tem3-cell%203%20construction/5%20technical%20work/leachate%20pond/final%20draft/iii_sdp_rev3a-20250505.docx)[https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/waste management of texas - temple 692b/permit mod - leachate collection pond/5 - working documents/2024_0509 draft/06062024 draft/2024_0812 draft/iii_sdp_rev3a-20240509.docx](https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/waste%20management%20of%20texas-temple%20692b/permit%20mod-leachate%20collection%20pond/5-working%20documents/iii_sdp_rev3a-20240509.docx)

**Part III, Attachment 3:
Waste Management Unit Design**

PART III, ATTACHMENT 3

WASTE MANAGEMENT UNIT DESIGN

Temple Recycling & Disposal Facility

Temple, Bell County, Texas

TCEQ Permit MSW-692B

Owner/Site Operator/Permittee:



City of Temple
201 N. Main
Temple, Texas 76501

GOLDER ASSOCIATES WSP USA INC.
Professional Engineering Firm
Registration Number F-25782263

Operator:



Waste Management of Texas, Inc.
9708 Giles Lane
Austin, Texas 78781

INTENDED FOR PERMITTING
PURPOSES ONLY

Submitted By:

Golder Associates WSP USA Inc.
500 Century Plaza Drive, Suite 1909655 Katy Freeway, Suite 200
Houston, TX 77073-77024 USA
Professional Engineering Firm Registration Number F-25782263

Submitted: June 2016
Revised: January 2017
Revised: April 2017
Revised: May 2017
Revised: October 2025

Project No. 4400336US0022880.8845

Table of Contents

1.0	INTRODUCTION.....	1
2.0	OPERATIONAL CONSIDERATION	2
2.1	All-Weather Operations – §330.63(d)(4)(A)	2
2.2	Landfill Operational Method – §330.63(d)(4)(B), (C), and (E)	2
3.0	SOLID WASTE DATA – §330.63(D)(4)(D)	4
3.1	Estimated Rate of Solid Waste Disposal & Site Life	4
4.0	GEOTECHNICAL ANALYSES.....	5
4.1	Geotechnical Investigations	5
4.2	Geotechnical Summary	7
4.2.1	Laboratory Tests	7
4.2.2	Site Stratigraphy.....	10
4.2.3	Soil Properties.....	10
4.2.3.1	Stratum I.....	10
4.2.3.2	Stratum II.....	11
4.2.3.3	Stratum III.....	11
4.3	Engineering Analyses	12
4.3.1	Settlement Analysis	12
4.3.2	Stability Analysis	12
4.3.2.1	Stability Analysis of Excavated Slopes	13
4.3.2.2	Stability of Protective Cover on the Cell Sideslopes	13
4.3.2.3	Stability of the Interior Waste Slopes	14
4.3.2.4	Stability of Final Filled Configuration.....	14
4.3.2.5	Stability of Final Cover System	15
5.0	LINER DESIGN.....	16
5.1	Disposal Cell Liner System Design	16
5.2	Liner Quality Control Plan	16
6.0	LEACHATE MANAGEMENT	17
6.1	Contaminated Water Management and Minimization	18
6.1.1	Landfill Construction	18
6.1.2	Surface Water Management	18
6.1.3	Cover Practices.....	19
6.2	Leachate Management System	19
6.2.1	Leachate Collection System Design and Operation	21
6.2.1.1	Leachate Drainage Layer.....	21
6.2.1.2	Leachate Collection Pipes	22

GOLDER ASSOCIATES WSP USA INC.
Professional Engineering Firm
Registration Number F-25782263

**INTENDED FOR PERMITTING
 PURPOSES ONLY**

[https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/temple rdf/31404444.tem3 - cell 3 construction/5 technical work/leachate pond/final draft/iii-3_rev3a-20251027.docx](https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/temple%20rdf/31404444.tem3-cell%203%20construction/5%20technical%20work/leachate%20pond/final%20draft/iii-3_rev3a-20251027.docx)
[https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/waste management of texas - temple 692b/permit mod - leachate collection pond/5_working documents/2024_0509_draft/06062024_draft/2024_0812_draft/iii-3_rev3a-20240509_redline.docx](https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/waste%20management%20of%20texas-temple%20692b/permit%20mod-leachate%20collection%20pond/5_working%20documents/2024_0509_draft/06062024_draft/2024_0812_draft/iii-3_rev3a-20240509_redline.docx)

Submitted: June 2016
 Revised: January 2017
 Revised: April 2017
Revised: October 2025

6.2.1.3	Leachate Collection Sumps	22
6.2.1.4	Leachate Pump and Riser System	23
6.2.1.5	Leachate Transfer	23
6.2.1.6	Leachate Storage	23
6.2.1.7	Leachate Treatment and Disposal	24 <u>24</u>
6.2.1.8	Leachate Recirculation.....	24 <u>24</u>
6.2.1.9	Leachate Collection System Maintenance.....	25 <u>25</u>
6.3	Leachate Collection System Recordkeeping and Documentation.....	25 <u>25</u>
7.0	OVERLINER SYSTEM DESIGN.....	26 <u>26</u>
7.1	Point of Compliance Demonstration	27 <u>27</u>
7.2	Settlement Analysis.....	27 <u>27</u>
7.3	Stability Analysis	28 <u>28</u>
7.3.1	Stability of Protective Cover on the Overliner	28 <u>28</u>
7.3.2	Overliner Leachate Collection System.....	28 <u>28</u>
7.3.3	Gas Collection and Control System Considerations.....	29 <u>29</u>
8.0	MANAGEMENT OF GAS CONDENSATE AND MONITORING WELL WATER	30 <u>30</u>
8.1	Gas Collection System Condensate	30 <u>30</u>
8.2	Monitoring Well Water	30 <u>30</u>

List of Tables

Table III-3-1	Coordinates and Elevations of Borings Advanced at the Proposed Expansion
Table III-3-2	Soil Laboratory Testing
Table III-3-3	Properties of Stratum I
Table III-3-4	Properties of Stratum II
Table III-3-5	Properties of Stratum III

List of Figures

Figure III-3-1	Final Contour Map
Figure III-3-2	Basegrade Layout
Figure III-3-3.1	Fill Cross-Section Location Map
Figure III-3-3.2	Fill Cross-Section A-A'
Figure III-3-3.3	Fill Cross-Section B-B'
Figure III-3-3.4	Fill Cross-Section C-C'
Figure III-3-4	Geotechnical Analyses, Section Locations
Figure III-3-5.1	Liner and Leachate Collection System Details I
Figure III-3-5.2	Liner and Leachate Collection System Details II
Figure III-3-5.3	Liner and Leachate Collection System Details III
Figure III-3-5.4	Liner and Leachate Collection System Details IV
Figure III-3-5.5	Liner and Leachate Collection System Details V
Figure III-3-5.6	Liner and Leachate Collection System Details VI
Figure III-3-6	Underdrain System Layout
Figure III-3-7	Overliner Grading Plan
Figure III-3-8	Overliner Details
Figure III-3-9.1	Eastern Cross-Section

GOLDER ASSOCIATES WSP USA INC.
 Professional Engineering Firm
 Registration Number F-~~2578~~2277463

**INTENDED FOR PERMITTING
 PURPOSES ONLY**

[https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/temple rd/31404444.tem3 - cell 3 construction/5 technical work/leachate pond/final draft/iii-3_rev3a-20251027.docx](https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/temple%20rd/31404444.tem3-cell%203%20construction/5%20technical%20work/leachate%20pond/final%20draft/iii-3_rev3a-20251027.docx)[https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/waste management of texas - temple 692b/permit mod - leachate collection pond/5_working documents/2024_0509_draft/06062024_draft/2024_0812_draft/iii-3_rev3a-20240509_redline.docx](https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/waste%20management%20of%20texas-temple%20692b/permit%20mod-leachate%20collection%20pond/5_working%20documents/2024_0509_draft/06062024_draft/2024_0812_draft/iii-3_rev3a-20240509_redline.docx)

Submitted: June 2016
 Revised: January 2017
 Revised: April 2017
 Revised: October 2025

- Figure III-3-9.2 Overliner Cross Section
[Figure III-3-10.1 Leachate Containment Pond Top of Subgrade Map](#)
[Figure III-3-10.2 Leachate Containment Pond Top of Clay Map](#)
[Figure III-3-10.3 Leachate Containment Pond Profiles](#)

List of Appendices

- Appendix III-3A Volume and Site Life Calculations
 III-3A-1 Airspace Calculations
 III-3A-2 Site Life Calculations
Appendix III-3B Settlement Analysis
Appendix III-3C Stability Analysis
 III-3C-1 Excavation Stability
 III-3C-2 Sideslope Stability
 III-3C-3 Interior Waste Slope Stability
 III-3C-4 Final-Filled Configuration Stability
 III-3C-5 Final Cover Stability
Appendix III-3D Geosynthetic Drainage Layer Analysis
 III-3D-1 Leachate Collection System Sideslope Drainage Layout
 III-3D-2 Lateral Drain Analysis for Final Cover
Appendix III-3E Leachate Collection System Calculations
 III-3E-1 HELP Model Evaluation
 III-3E-1a Groundwater Inflow
 III-3E-2 HDPE Pipe Analyses
 III-3E-2a Header Pipe Perforation
 III-3E-2b Header Pipe Sizing
 III-3E-2c Pipe Structural Design
 III-3E-2d Equipment Loading Calculations
 III-3E-3 Sump Capacity Calculation
Appendix III-3F Liner Quality Control Plan
 III-3F-1 Geosynthetic Research Institute (GRI) Test Methods
 III-3F-2 Groundwater Level Data
 III-3F-3 Underdrain System Calculations
 III-3F-3a Underdrain Seepage Calculation
 III-3F-3b Underdrain Pipe Sizing Calculation
 III-3F-3c Underdrain Geocomposite Calculations
 III-3F-4 Ballast Calculations
Appendix III-3G Overliner System Design Analysis
 III-3G-1 Overliner Settlement Analysis
 III-3G-2 Overliner Liner Strain Analysis
 III-3G-3 Point of Compliance Demonstration
 III-3G-3a Overliner System Leakage Rate Calculations
 III-3G-3b Infiltration Rate Calculations
 III-3G-3c MULTIMED Output Files
 III-3G-4 Leachate Collection System Overliner Drainage Layout
 III-3G-5 Overliner Veneer Stability
Appendix III-3H Overliner System Quality Control Plan
 III-3H-1 Geosynthetic Institute (GSI) Test Methods

GOLDER ASSOCIATES WSP USA INC.
Professional Engineering Firm
Registration Number F-25782277463

**INTENDED FOR PERMITTING
PURPOSES ONLY**

Both existing leachate storage and evaporation ponds are constructed with geomembrane and compacted clay liners. Both ponds have open tops and one foot of freeboard will be maintained to prevent overtopping from a 25-year, 24-hour rainfall event.

A proposed Interim Leachate Containment Pond will be located within the boundary of Tract 1C, which is the last cell area to be constructed for waste placement per the sites development sequence of the landfill and will be constructed with a geomembrane and a compacted clay liner. The Interim Leachate Pond will be decommissioned and removed prior to construction of Tract 1C liner construction. This pond will have an open top and two feet of freeboard will be maintained to prevent overtopping from a 25-year, 24-hour rainfall event.

Leachate storage time in the existing ponds and the proposed pond will depend on evaporation and leachate recirculation volumes. The locations of the existing leachate ponds and the proposed interim leachate containment pond are shown on Part III, Attachment 1, Figure III-1-2. Construction and design details of these existing leachate storage and evaporation ponds and the proposed interim leachate containment pond are provided in Part II, Appendix IIF and Part III, Attachment 3, Figures III-3-10.1 – III-3-10.4, respectively.

Leachate from these ponds is either evaporated, recirculated or discharged to the City of Temple sanitary sewer system.

Construction of any leachate storage/evaporation pond not constructed at the time of permit issuance of MSW-692B will need to be authorized by a permit modification.

6.2.1.7 Leachate Treatment and Disposal

Leachate that is not recirculated will be managed as discussed in Sections 6.2.1.5 and 6.2.1.6 above. Disposal of leachate, as required, will be done at an appropriately authorized facility.

6.2.1.8 Leachate Recirculation

In disposal cells containing a standard Subtitle D liner system (i.e., a compacted clay/geomembrane composite) and leachate collection system, leachate and gas condensate may be recirculated back into the waste. Leachate recirculation may consist of spray application during dry conditions using a portable tank(s) at the active face, injecting leachate through a perforated pipe or well buried in the refuse, or discharging leachate in an area excavated into waste and backfilled with highly permeable material (e.g., gravel or tire chips). Leachate will not be recirculated to the active face during rainy or wet periods. The automated leachate pumps will prevent leachate depth greater than 30 cm from accumulating over the liner and will be in operation during leachate recirculation activities. The application of leachate will be in a manner so as to not cause leachate accumulation, ponding, or other operational problems. The Temple Recycling and

Part III, Attachment 7:

Closure Plan

PART III, ATTACHMENT 7

CLOSURE PLAN

Temple Recycling & Disposal Facility

Temple, Bell County, Texas

TCEQ Permit MSW-692B

Owner/Site Operator/Permittee:



**City of Temple
201 N. Main
Temple, Texas 76501**

**WSP USA INC.
Professional Engineering Firm
Registration Number F-2263**

Operator:



**Waste Management of Texas
9708 Giles Lane
Austin, Texas 78781**

**INTENDED FOR PERMITTING
PURPOSES ONLY**

Submitted By:

**WSP USA Inc.
9655 Katy Freeway, Suite 200
Houston, TX 77024 USA
Professional Engineering Firm Registration Number F-2578**

**Submitted: June 2016
Revised: January 2017
Revised: April 2017
Revised: September 2024
Revised: October 2025**

Project No.US0022880.8845

Table of Contents

1.0	INTRODUCTION.....	1
2.0	FINAL COVER	2
2.1	Final Cover Design.....	2
2.2	Final Cover Installation Procedure.....	2
2.3	Quality Control and Testing Frequency	3
2.4	Vegetation	3
2.5	Soil Loss.....	3
3.0	MAXIMUM INVENTORY OF WASTES	4
4.0	MAXIMUM CLOSURE AREA	5
5.0	CLOSURE COMPLETION SCHEDULE	6
5.1	Implementation of the Closure Plan.....	6
5.2	Certification of Final Facility Closure.....	6
6.0	CLOSURE OF STORAGE AND PROCESSING UNITS	8

List of Tables

Table III-7-1 Areas with Final Cover

List of Figures

Figure III-7-1 Final Contour Map
 Figure III-7-2.1 Final Cover Details I
 Figure III-7-2.2 Final Cover Details II
 Figure III-7-3.1 Fill Cross-Sections Location Map
 Figure III-7-3.2 Fill Cross-Section A-A'
 Figure III-7-3.3 Fill Cross-Section B-B'
 Figure III-7-3.4 Fill Cross-Section C-C'
 Figure III-7-4 Maximum Closure Area

WSP USA Inc.
Professional Engineering Firm
Registration Number F-2263

List of Appendices

Appendix III-7A Final Cover Quality Control Plan
 Appendix III-7B TCEQ Closure Plan Form
 Appendix III-7C TNRCC Final Cover Acceptance Letter for Tracts 1A and 1B
 Appendix III-7D TCEQ Final Cover System Evaluation Report Approval Letters

**INTENDED FOR PERMITTING
 PURPOSES ONLY**

[https://wspnlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/temple rdl/31404444.tem3 - cell 3 construction/5 technical work/leachate pond/final draft/iii-7_text_rev2_20250505.docx](https://wspnlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/temple%20rd/31404444.tem3-cell%203%20construction/5%20technical%20work/leachate%20pond/final%20draft/iii-7_text_rev2_20250505.docx)
[https://wspnlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/waste management of texas-temple 692b/permit mod-leachate collection pond/5-working documents/leachate pond/final draft/iii-7_text_rev2_20250505.docx](https://wspnlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/waste%20management%20of%20texas-temple%20692b/permit%20mod-leachate%20collection%20pond/5-working%20documents/leachate%20pond/final%20draft/iii-7_text_rev2_20250505.docx)

6.0 CLOSURE OF STORAGE AND PROCESSING UNITS

Closure for the storage and processing units at the site is addressed as follows:

- Liquid waste stabilization area: Upon closure, the waste remaining in the stabilization tank will be properly stabilized and disposed of in the landfill. The stabilization tank will be disposed of within the landfill.
- Tire staging area: At time of closure, tires in the staging area will be processed by grinding or other means to reduce size to quartered or split and disposed of in the landfill or another authorized facility.
- Large Item/White Goods Storage Area: Large items/white goods stored on-site at time of closure will be either transported offsite for recycling or disposed of at an authorized facility.
- Recyclable material staging area: Recyclable materials will transported off-site for to recyclable material end user locations.
- Leachate evaporation ponds: The leachate evaporation ponds will remain in use during the post-closure care period. At the end of the post-closure care period, the leachate evaporation ponds will be closed as follows: empty the ponds by discharging the leachate to the sanitary sewer system via existing piping and pumping system; demuck the bottom of the ponds and dispose of the materials at an authorized facility; pressure wash the geomembrane liner and the metal parts of Pond A and discharge the cleaning water to an authorized facility; remove the geomembrane liner and the metal parts of Pond A and dispose of the material at an authorized facility; inspect the subgrade below the geomembrane liner; backfill the ponds with soils; and grade and seed the surface.
- Citizen Collection Station: Upon closure, waste remaining at the Citizen Collection Station will be transported to the landfill disposal area for disposal. The Citizen Collection Station will either be dismantled or a "Notice of Intent to Operate a Citizen's Collection Station" will be submitted to TCEQ.

ENCLOSURE D

Replacement Pages

Unmarked Revisions

Temple Recycling & Disposal Facility

Bell County, Texas

MSW No. 692B

Notice Modification

Permit Amendment

October 2025

Part III
Site Development Plan

SITE DEVELOPMENT PLAN

Temple Recycling & Disposal Facility

Temple, Bell County, Texas

TCEQ Permit MSW-692B

Owner/Site Operator/Permittee:



City of Temple
201 N. Main
Temple, Texas 76501



WSP USA INC.
Professional Engineering Firm
Registration Number F-2263

INTENDED FOR PERMITTING
PURPOSES ONLY

Operator:



Waste Management of Texas, Inc.
9708 Giles Lane
Austin, Texas 78781

Submitted By:

WSP USA Inc.
Professional Engineering Firm Registration Number F-2263
9655 Katy Freeway, Suite 200, Houston, Texas 77024 USA

Submitted: June 2016
Revised: January 2017
Revised: April 2017
Revised: October 2025

Project No. US0022880.8845

Table of Contents

1.0	INTRODUCTION.....	1
1.1	Site Location and History	1
1.2	Proposed Expansion	1
1.3	Land Use and Zoning.....	2
1.3.1	Zoning	2
1.3.2	Character of Surrounding Land Use	2
1.4	Adequacy of Access Roads and Highways	3
2.0	GENERAL FACILITY DESIGN	4
2.1	Facility Access and Control–§330.63(b)(1).....	4
2.2	Waste Movement–§330.63(b)(2)	5
2.2.1	Citizen Collection Station	5
2.2.2	Whole Tire Staging Area.....	6
2.2.3	Reusable Materials Staging Area	6
2.2.4	Liquid Waste Stabilization Area	7
2.2.5	Leachate Storage/Evaporation Ponds.....	7
2.3	Protection of Endangered Species–§330.63(b)(5).....	8
3.0	FACILITY SURFACE WATER DRAINAGE DESIGN–§330.63(C)	9
4.0	WASTE MANAGEMENT UNIT DESIGN–§330.63(D)(4).....	10
5.0	GEOLOGY AND SOILS–§330.63(E)	11
6.0	GROUNDWATER CHARACTERIZATION AND MONITORING–§330.63(F)	12
7.0	LANDFILL GAS MANAGEMENT–§330.63(G)	13
8.0	CLOSURE–§330.63(H) & (J)	14
9.0	POST-CLOSURE–§330.63(I) & (J).....	15

List of Attachments

Attachment 1	General Facility Design
Attachment 2	Surface Water Drainage Report
Attachment 3	Waste Management Unit Design
Attachment 4	Geology Report
Attachment 5	Groundwater Characterization and Monitoring
Attachment 6	Landfill Gas Management Plan
Attachment 7	Closure Plan
Attachment 8	Post Closure Plan
Attachment 9	Closure and Post Closure Cost Estimate



WSP USA INC.
Professional Engineering Firm
Registration Number F-2263

**INTENDED FOR PERMITTING
 PURPOSES ONLY**

2.2.4 Large Item Salvage/White Goods Staging Area

Large items and white goods removed from the active face are typically staged on the ground near the active face. The large items and white goods are subsequently transferred into steel roll-off containers for staging until transported to an off-site recycler. White goods containing CFCs are not accepted at the facility. The roll-off containers will be removed from the site when completely full or otherwise every 180 days or less to ensure that these materials do not create a nuisance.

The large item staging area is located on open ground within the proposed waste footprint; no construction details of the staging area is required. The location of the large item staging area may be adjusted based on site operation conditions.

2.2.5 Liquid Waste Stabilization Area

The facility is authorized to perform on-site liquid waste processing. Liquid wastes will be directed to the on-site liquid stabilization processing area prior to being disposed of in the landfill. The procedures followed to locate and stabilize liquid waste are described in Part IV, Site Operating Plan. The current liquid waste stabilization area is located as shown on Part III, Attachment 1, Figure III-1-2. The Liquid Waste Stabilization Area may be relocated periodically as needed during development and filling of the landfill.

Liquid waste stabilization is performed in steel frac tank(s) or containers that are situated within a lined waste disposal area. The size of the containers used for liquid stabilization may be adjusted based on site operation conditions.

2.2.6 Leachate Storage/Evaporation Ponds

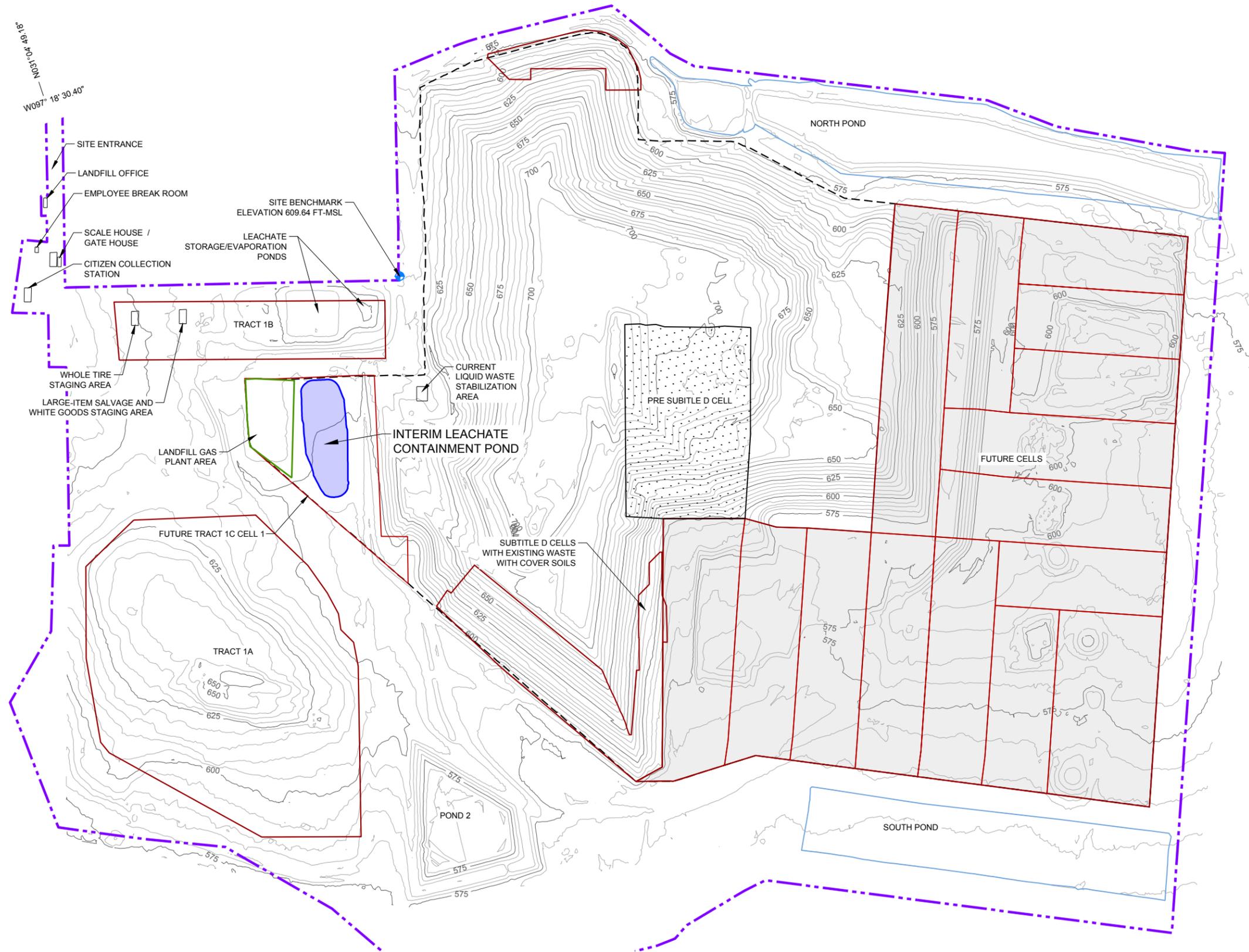
There are two existing leachate ponds that have been approved by the TCEQ:

- Pond A: A modular steel tank constructed of a reinforced steel frame with a geomembrane liner underlain by a clay layer is currently in use. For operating purposes, this tank is called Pond A. Pond A was authorized by a permit modification approved by TCEQ in early 2002.
- Pond B: On November 17, 2004, TCEQ approved a permit modification to the facility's Leachate and Contaminated Water Plan authorizing the construction of up to two additional in-ground ponds labeled Pond A and Pond B. Only one of these in-ground ponds has been constructed to date. For operating purposes, the pond constructed is called Pond B.

Locations of the existing leachate ponds are shown on Part III, Attachment 1, Figure III-1-2. Construction and design details of these leachate ponds are provided in Part II, Appendix IIF.

A proposed interim leachate containment pond is shown on Part III, Attachment 1, Figure III-1-2. Construction and design details of the proposed pond are provided in Part III, Attachment 3, Figures III-3-10.1 to III-3-10.3.

Path: \\wsp-pcham\net\US\Current\Bell\US022880\PROJECT\DWG\1 - File Name: US022880.8845-TR1C-Cell1_Leachate Pond.dwg | Last Edited By: us022880.8845-TR1C-Cell1 | File Name: US022880.8845-TR1C-Cell1_Leachate Pond.dwg | Printed By: USA0701305 | Date: 2025-11-06 Time: 11:38 PM



LEGEND

- PERMIT BOUNDARY
- WASTE FOOTPRINT
- POND GRADE BREAK
- FUTURE CELL BOUNDARY
- INTERIM LEACHATE CONTAINMENT POND
- PRE-SUBTITLE D CELLS
- + SITE BENCHMARK

NOTE(S)

1. LANDFILL TOPOGRAPHY COMPILED BY DRONE SURVEY BY HYDREX DATED FEBRUARY 18, 2025.

FOR PERMITTING PURPOSES ONLY

1	2025-10-27	ISSUED FOR PERMITTING PURPOSES	KG	TNB	CEI	CEI
REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED

SEAL

WSP USA INC.
TEXAS REGISTRATION F-2263

CLIENT

CONSULTANT

WSP USA INC.
9655 KATY FREEWAY, SUITE 200
HOUSTON, TEXAS 77024
USA
281-589-5900
www.wsp.com

PROJECT
TEMPLE RECYCLING AND DISPOSAL FACILITY
LEACHATE POND PERMIT MODIFICATION MSW 692B
BELL COUNTY, TEXAS

TITLE
**SCHEMATIC VIEW OF VARIOUS WASTE DISPOSAL,
PROCESSING, AND STORAGE AREAS**

PROJECT NO. US022880.8845	PERMIT SECTION PART III, ATT. 1	REV. 0	1 of 5	FIGURE III-1-2
------------------------------	------------------------------------	-----------	--------	-------------------

1 in. IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

**Part III, Attachment 3:
Waste Management Unit Design**

PART III, ATTACHMENT 3

WASTE MANAGEMENT UNIT DESIGN

Temple Recycling & Disposal Facility

Temple, Bell County, Texas

TCEQ Permit MSW-692B

Owner/Site Operator/Permittee:



City of Temple
201 N. Main
Temple, Texas 76501

Operator:



Waste Management of Texas, Inc.
9708 Giles Lane
Austin, Texas 78781

Submitted By:

WSP USA Inc.
9655 Katy Freeway, Suite 200
Houston, TX 77024 USA
Professional Engineering Firm Registration Number F-2263



WSP USA INC.
Professional Engineering Firm
Registration Number F-2263

INTENDED FOR PERMITTING
PURPOSES ONLY

Submitted: June 2016
Revised: January 2017
Revised: April 2017
Revised: May 2017
Revised: October 2025

Project No. US0022880.8845

Table of Contents

1.0	INTRODUCTION.....	1
2.0	OPERATIONAL CONSIDERATION	2
2.1	All-Weather Operations – §330.63(d)(4)(A)	2
2.2	Landfill Operational Method – §330.63(d)(4)(B), (C), and (E)	2
3.0	SOLID WASTE DATA – §330.63(D)(4)(D)	4
3.1	Estimated Rate of Solid Waste Disposal & Site Life	4
4.0	GEOTECHNICAL ANALYSES.....	5
4.1	Geotechnical Investigations	5
4.2	Geotechnical Summary	7
4.2.1	Laboratory Tests	7
4.2.2	Site Stratigraphy.....	10
4.2.3	Soil Properties.....	10
4.2.3.1	Stratum I.....	10
4.2.3.2	Stratum II.....	11
4.2.3.3	Stratum III.....	11
4.3	Engineering Analyses	12
4.3.1	Settlement Analysis	12
4.3.2	Stability Analysis	12
4.3.2.1	Stability Analysis of Excavated Slopes	13
4.3.2.2	Stability of Protective Cover on the Cell Sideslopes.....	13
4.3.2.3	Stability of the Interior Waste Slopes	14
4.3.2.4	Stability of Final Filled Configuration.....	14
4.3.2.5	Stability of Final Cover System	15
5.0	LINER DESIGN.....	16
5.1	Disposal Cell Liner System Design	16
5.2	Liner Quality Control Plan	16
6.0	LEACHATE MANAGEMENT	17
6.1	Contaminated Water Management and Minimization	18
6.1.1	Landfill Construction	18
6.1.2	Surface Water Management	18
6.1.3	Cover Practices.....	19
6.2	Leachate Management System	19
6.2.1	Leachate Collection System Design and Operation	21
6.2.1.1	Leachate Drainage Layer.....	21
6.2.1.2	Leachate Collection Pipes	22
6.2.1.3	Leachate Collection Sumps	22



WSP USA INC.
Professional Engineering Firm
Registration Number F-2263

INTENDED FOR PERMITTING
PURPOSES ONLY

[https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/temple rdf/3140444.tem3 - cell 3 construction/5 technical work/leachate pond/final draft/iii-3_rev3a-20251027.docx](https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/temple%20rd/3140444.tem3%20-%20cell%203%20construction/5%20technical%20work/leachate%20pond/final%20draft/iii-3_rev3a-20251027.docx)

Submitted: June 2016
 Revised: January 2017
 Revised: April 2017
 Revised: October 2025

6.2.1.4	Leachate Pump and Riser System	23
6.2.1.5	Leachate Transfer	23
6.2.1.6	Leachate Storage	23
6.2.1.7	Leachate Treatment and Disposal	24
6.2.1.8	Leachate Recirculation.....	24
6.2.1.9	Leachate Collection System Maintenance.....	25
6.3	Leachate Collection System Recordkeeping and Documentation.....	25
7.0	OVERLINER SYSTEM DESIGN.....	26
7.1	Point of Compliance Demonstration	27
7.2	Settlement Analysis.....	27
7.3	Stability Analysis	28
7.3.1	Stability of Protective Cover on the Overliner	28
7.3.2	Overliner Leachate Collection System.....	28
7.3.3	Gas Collection and Control System Considerations.....	29
8.0	MANAGEMENT OF GAS CONDENSATE AND MONITORING WELL WATER	30
8.1	Gas Collection System Condensate	30
8.2	Monitoring Well Water	30

List of Tables

Table III-3-1	Coordinates and Elevations of Borings Advanced at the Proposed Expansion
Table III-3-2	Soil Laboratory Testing
Table III-3-3	Properties of Stratum I
Table III-3-4	Properties of Stratum II
Table III-3-5	Properties of Stratum III

List of Figures

Figure III-3-1	Final Contour Map
Figure III-3-2	Basegrade Layout
Figure III-3-3.1	Fill Cross-Section Location Map
Figure III-3-3.2	Fill Cross-Section A-A'
Figure III-3-3.3	Fill Cross-Section B-B'
Figure III-3-3.4	Fill Cross-Section C-C'
Figure III-3-4	Geotechnical Analyses, Section Locations
Figure III-3-5.1	Liner and Leachate Collection System Details I
Figure III-3-5.2	Liner and Leachate Collection System Details II
Figure III-3-5.3	Liner and Leachate Collection System Details III
Figure III-3-5.4	Liner and Leachate Collection System Details IV
Figure III-3-5.5	Liner and Leachate Collection System Details V
Figure III-3-5.6	Liner and Leachate Collection System Details VI
Figure III-3-6	Underdrain System Layout
Figure III-3-7	Overliner Grading Plan
Figure III-3-8	Overliner Details
Figure III-3-9.1	Eastern Cross-Section
Figure III-3-9.2	Overliner Cross Section
Figure III-3-10.1	Leachate Containment Pond Top of Subgrade Map



WSP USA INC.
Professional Engineering Firm
Registration Number F-2263

**INTENDED FOR PERMITTING
 PURPOSES ONLY**

[https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared documents/temple rdf/31404444.tem3 - cell 3 construction/5 technical work/leachate pond/final draft/iii-3_rev3a-20251027.docx](https://wsponlinenam.sharepoint.com/sites/us-wastemanagementtexas/shared%20documents/temple%20rd/31404444.tem3%20-%20cell%203%20construction/5%20technical%20work/leachate%20pond/final%20draft/iii-3_rev3a-20251027.docx)

Submitted: June 2016
 Revised: January 2017
 Revised: April 2017
 Revised: October 2025

Figure III-3-10.2 Leachate Containment Pond Top of Clay Map
Figure III-3-10.3 Leachate Containment Pond Profiles

List of Appendices

Appendix III-3A	Volume and Site Life Calculations
III-3A-1	Airspace Calculations
III-3A-2	Site Life Calculations
Appendix III-3B	Settlement Analysis
Appendix III-3C	Stability Analysis
III-3C-1	Excavation Stability
III-3C-2	Sideslope Stability
III-3C-3	Interior Waste Slope Stability
III-3C-4	Final-Filled Configuration Stability
III-3C-5	Final Cover Stability
Appendix III-3D	Geosynthetic Drainage Layer Analysis
III-3D-1	Leachate Collection System Sideslope Drainage Layout
III-3D-2	Lateral Drain Analysis for Final Cover
Appendix III-3E	Leachate Collection System Calculations
III-3E-1	HELP Model Evaluation
III-3E-1a	Groundwater Inflow
III-3E-2	HDPE Pipe Analyses
III-3E-2a	Header Pipe Perforation
III-3E-2b	Header Pipe Sizing
III-3E-2c	Pipe Structural Design
III-3E-2d	Equipment Loading Calculations
III-3E-3	Sump Capacity Calculation
Appendix III-3F	Liner Quality Control Plan
III-3F-1	Geosynthetic Research Institute (GRI) Test Methods
III-3F-2	Groundwater Level Data
III-3F-3	Underdrain System Calculations
III-3F-3a	Underdrain Seepage Calculation
III-3F-3b	Underdrain Pipe Sizing Calculation
III-3F-3c	Underdrain Geocomposite Calculations
III-3F-4	Ballast Calculations
Appendix III-3G	Overliner System Design Analysis
III-3G-1	Overliner Settlement Analysis
III-3G-2	Overliner Liner Strain Analysis
III-3G-3	Point of Compliance Demonstration
III-3G-3a	Overliner System Leakage Rate Calculations
III-3G-3b	Infiltration Rate Calculations
III-3G-3c	MULTIMED Output Files
III-3G-4	Leachate Collection System Overliner Drainage Layout
III-3G-5	Overliner Veneer Stability
Appendix III-3H	Overliner System Quality Control Plan
III-3H-1	Geosynthetic Institute (GSI) Test Methods



WSP USA INC.
Professional Engineering Firm
Registration Number F-2263

**INTENDED FOR PERMITTING
PURPOSES ONLY**

Both existing leachate storage and evaporation ponds are constructed with geomembrane and compacted clay liners. Both ponds have open tops and one foot of freeboard will be maintained to prevent overtopping from a 25-year, 24-hour rainfall event.

A proposed Interim Leachate Containment Pond will be located within the boundary of Tract 1C, which is the last cell area to be constructed for waste placement per the sites development sequence of the landfill and will be constructed with a geomembrane and a compacted clay liner. The Interim Leachate Pond will be decommissioned and removed prior to construction of Tract 1C liner construction. This pond will have an open top and two feet of freeboard will be maintained to prevent overtopping from a 25-year, 24-hour rainfall event.

Leachate storage time in the existing ponds and the proposed pond will depend on evaporation and leachate recirculation volumes. The locations of the existing leachate ponds and the proposed interim leachate containment pond are shown on Part III, Attachment 1, Figure III-1-2. Construction and design details of the existing leachate storage and evaporation ponds and the proposed interim leachate containment pond are provided in Part II, Appendix IIF and Part III, Attachment 3, Figures III-3-10.1 – III-3-10.4, respectively.

Leachate from these ponds is either evaporated, recirculated or discharged to the City of Temple sanitary sewer system.

Construction of any leachate storage/evaporation pond not constructed at the time of permit issuance of MSW-692B will need to be authorized by a permit modification.

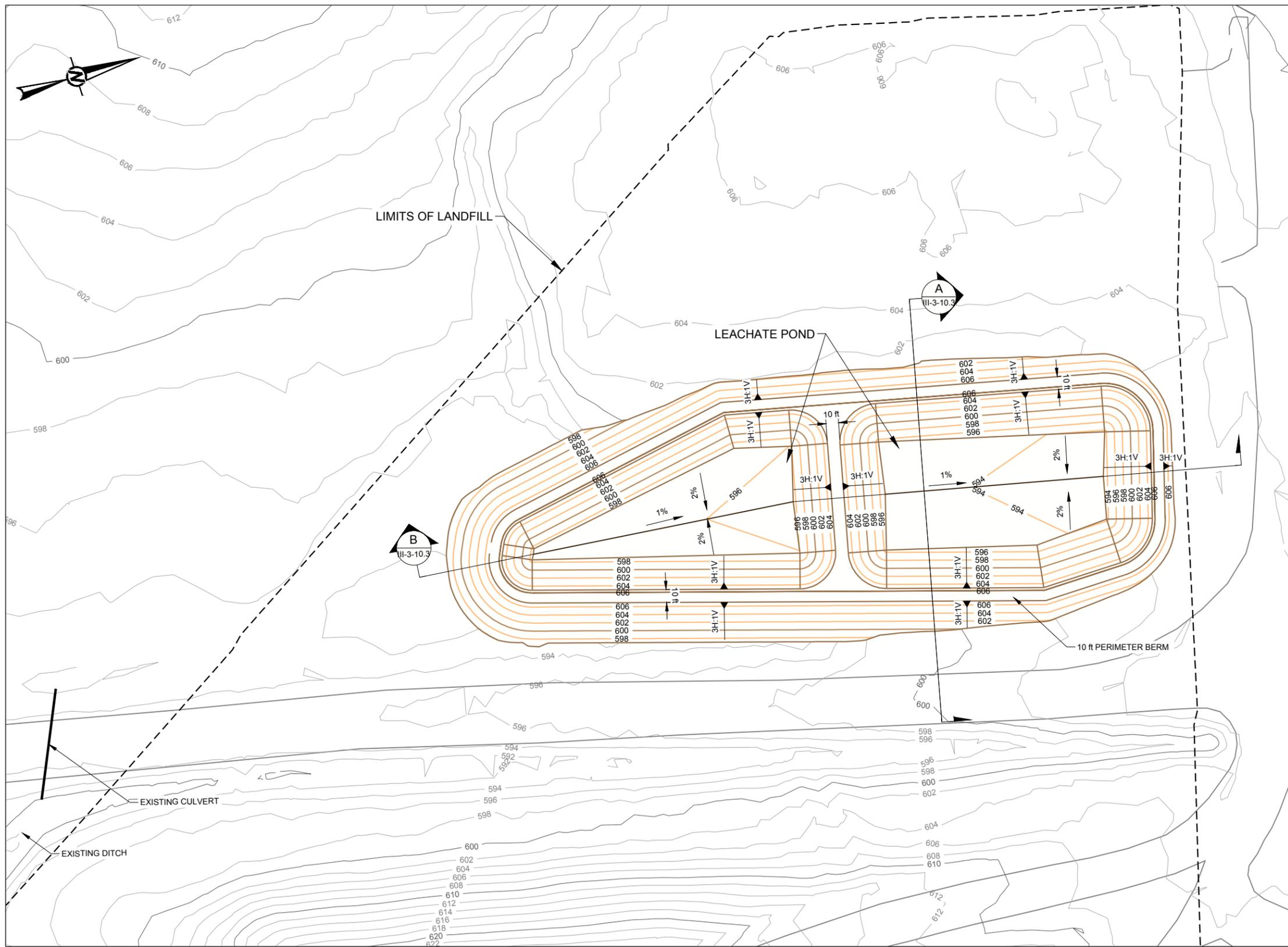
6.2.1.7 Leachate Treatment and Disposal

Leachate that is not recirculated will be managed as discussed in Sections 6.2.1.5 and 6.2.1.6 above. Disposal of leachate, as required, will be done at an appropriately authorized facility.

6.2.1.8 Leachate Recirculation

In disposal cells containing a standard Subtitle D liner system (i.e., a compacted clay/geomembrane composite) and leachate collection system, leachate and gas condensate may be recirculated back into the waste. Leachate recirculation may consist of spray application during dry conditions using a portable tank(s) at the active face, injecting leachate through a perforated pipe or well buried in the refuse, or discharging leachate in an area excavated into waste and backfilled with highly permeable material (e.g., gravel or tire chips). Leachate will not be recirculated to the active face during rainy or wet periods. The automated leachate pumps will prevent leachate depth greater than 30 cm from accumulating over the liner and will be in operation during leachate recirculation activities. The application of leachate will be in a manner so as to not cause leachate accumulation, ponding, or other operational problems. The Temple Recycling and

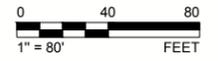
Path: \\wsp-pblan\net\ascent\mfr\del\US0022880\CTX_Data\wspmanagement\Temp\409_project\us0022880\8845-Att-3\cell\leachate\pond\02_PROD\02\DWG | File Name: US0022880.8845-01_C-002.dwg | Last Edited By: us0022880.8845-01 | Printed By: USA0701305 | Date: 2025-11-06 | Time: 3:23:07 PM



- LEGEND**
- - - PERMIT BOUNDARY
 - - - LIMITS OF WASTE
 - TOP OF LEACHATE POND SUBGRADE BREAKLINES
 - TOP OF LEACHATE POND SUBGRADE MAJOR CONTOURS - 10 ft
 - TOP OF LEACHATE POND SUBGRADE MINOR CONTOURS - 2 ft
 - EXISTING GROUND MAJOR CONTOURS - 10 ft
 - EXISTING GROUND MINOR CONTOURS - 2 ft
 - SITE ROAD FEATURES

NOTE(S)
 1. EXISTING GROUND BY HYDREX DRONE SURVEY DATED FEBRUARY 18, 2025.

FOR PERMITTING PURPOSES ONLY



1	2025-10-27	ISSUED FOR PERMITTING PURPOSES	KG	TNB	CEI	CEI
REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED



CLIENT
WSP
CONSULTANT
 WSP USA INC.
 9655 KATY FREEWAY, SUITE 200
 HOUSTON, TEXAS 77024
 USA
 281-589-5900

PROJECT
 TEMPLE RECYCLING AND DISPOSAL FACILITY
 LEACHATE POND PERMIT MODIFICATION MSW 692B
 BELL COUNTY, TEXAS
TITLE
LEACHATE CONTAINMENT POND
TOP OF SUBGRADE MAP
PROJECT NO. US0022880.8845 **PERMIT SECTION** PART III, ATT. 3 **REV.** 0 **3 of 5** **FIGURE** III-3-10.1

1 in. IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

Part III, Attachment 7:

Closure Plan

PART III, ATTACHMENT 7

CLOSURE PLAN

Temple Recycling & Disposal Facility

Temple, Bell County, Texas

TCEQ Permit MSW-692B

Owner/Site Operator/Permittee:



City of Temple
201 N. Main
Temple, Texas 76501

Operator:



Waste Management of Texas
9708 Giles Lane
Austin, Texas 78781

Submitted By:

WSP USA Inc.
9655 Katy Freeway, Suite 200
Houston, TX 77024 USA
Professional Engineering Firm Registration Number F-2578



WSP USA INC.
Professional Engineering Firm
Registration Number F-2263

INTENDED FOR PERMITTING
PURPOSES ONLY

Submitted: June 2016
Revised: January 2017
Revised: April 2017
Revised: September 2024
Revised: October 2025

Project No. US0022880.8845

Table of Contents

1.0	INTRODUCTION.....	1
2.0	FINAL COVER	2
2.1	Final Cover Design.....	2
2.2	Final Cover Installation Procedure.....	2
2.3	Quality Control and Testing Frequency	3
2.4	Vegetation	3
2.5	Soil Loss.....	3
3.0	MAXIMUM INVENTORY OF WASTES	4
4.0	MAXIMUM CLOSURE AREA	5
5.0	CLOSURE COMPLETION SCHEDULE	6
5.1	Implementation of the Closure Plan.....	6
5.2	Certification of Final Facility Closure.....	6
6.0	CLOSURE OF STORAGE AND PROCESSING UNITS	8

List of Tables

Table III-7-1 Areas with Final Cover

List of Figures

Figure III-7-1	Final Contour Map
Figure III-7-2.1	Final Cover Details I
Figure III-7-2.2	Final Cover Details II
Figure III-7-3.1	Fill Cross-Sections Location Map
Figure III-7-3.2	Fill Cross-Section A-A'
Figure III-7-3.3	Fill Cross-Section B-B'
Figure III-7-3.4	Fill Cross-Section C-C'
Figure III-7-4	Maximum Closure Area

List of Appendices

Appendix III-7A	Final Cover Quality Control Plan
Appendix III-7B	TCEQ Closure Plan Form
Appendix III-7C	TNRCC Final Cover Acceptance Letter for Tracts 1A and 1B
Appendix III-7D	TCEQ Final Cover System Evaluation Report Approval Letters



**INTENDED FOR PERMITTING
PURPOSES ONLY**

6.0 CLOSURE OF STORAGE AND PROCESSING UNITS

Closure for the storage and processing units at the site is addressed as follows:

- Liquid waste stabilization area: Upon closure, the waste remaining in the stabilization tank will be properly stabilized and disposed of in the landfill. The stabilization tank will be disposed of within the landfill.
- Tire staging area: At time of closure, tires in the staging area will be processed by grinding or other means to reduce size to quartered or split and disposed of in the landfill or another authorized facility.
- Large Item/White Goods Storage Area: Large items/white goods stored on-site at time of closure will be either transported offsite for recycling or disposed of at an authorized facility.
- Recyclable material staging area: Recyclable materials will transported off-site for to recyclable material end user locations.
- Leachate evaporation ponds: The leachate evaporation ponds will remain in use during the post-closure care period. At the end of the post-closure care period, the leachate evaporation ponds will be closed as follows: empty the ponds by discharging the leachate to the sanitary sewer system via existing piping and pumping system; demuck the bottom of the ponds and dispose of the materials at an authorized facility; pressure wash the geomembrane liner and the metal parts of Pond A and discharge the cleaning water to an authorized facility; remove the geomembrane liner and the metal parts of Pond A and dispose of the material at an authorized facility; inspect the subgrade below the geomembrane liner; backfill the ponds with soils; and grade and seed the surface.
- Citizen Collection Station: Upon closure, waste remaining at the Citizen Collection Station will be transported to the landfill disposal area for disposal. The Citizen Collection Station will either be dismantled or a "Notice of Intent to Operate a Citizen's Collection Station" will be submitted to TCEQ.