



March 26, 2021

Project No. 1894269

Bobbie Harris Rogans, License & Permit Specialist
Texas Commission on Environmental Quality
Business & Program Services Section, Waste Permit Division
PO Box 13087, MC-126
Austin, Texas 78711-3087

**RESPONSE TO TCEQ ADMINISTRATIVE NOTICE OF DEFICIENCY LETTER
MSW TYPE IV PERMIT MAJOR AMENDMENT APPLICATION
USA WASTE OF TEXAS LANDFILLS, INC.
HOUSTON, HARRIS COUNTY, TEXAS
MUNICIPAL SOLID WASTE PERMIT NUMBER: 2185A
TRACKING NO. 25937311; RN102664232/CN602560930**

Dear Ms. Rogans:

On behalf of the USA Waste of Texas Landfill, Inc., Golder Associates Inc. (Golder) is submitting this response to the Texas Commission on Environmental Quality's (TCEQ's) Administrative Notice of Deficiency (NOD) regarding the above-referenced Proposed Municipal Solid Waste Permit Number 2185A. The TCEQ's NOD letter was dated March 12, 2021.

The responses presented herein are cross-referenced to the NOD comments using the unique deficiency identifier in the NOD and quoting the original comments. We have also included an itemized list of the revised or new pages for the permit application in review.

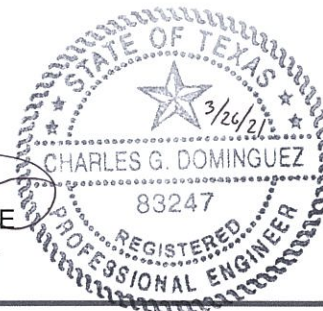
One original and three (3) copies of the revised permit application materials and the redline-strikeout revisions are included with this letter. The redline-strikeout revisions are organized per the order of the NOD comments. This response package will be posted to a publicly accessible website as indicated in Section 5 of the Part I application form of the permit application and a copy of this submittal will be placed at the Fairbanks Landfill located at 8205 Fairbanks N. Houston Rd., Houston, Texas, 77064, and will be available for review Monday through Friday, 6:00 am to 5:00 pm, and Saturday, 6:00 am to 2:00 pm. The application will also be available for review at the Hillendahl Neighborhood Library located at 2436 Gessner Road, Houston, Texas, 77080 should the library reopen to the public during the public viewing period.

We trust this response is sufficient to address the deficiencies identified by the TCEQ. Upon review of this response, if you have questions, please contact the undersigned at 281-821-6868.

Sincerely,

Golder Associates Inc.

Charles G. Dominguez, PE
Principal and Vice President



Phillip R. Matthews II, PE
Principal-Practice/Program Leader

Golder Associates Inc.
14950 Heathrow Forest Parkway, Suite 280, Houston, Texas, USA 77032

T: +1 281 821-6868

List of Revised/New Pages

Part	Revised/New Pages
PAA	<ul style="list-style-type: none"> ■ Binder Cover Pages ■ Parts I-IV Title Pages
I	<ul style="list-style-type: none"> ■ Part I Permit Application Form ■ TCEQ Core Data Form ■ Figure I-B-1

ID ¹	App. Part	App. Section	Location ²	Citation	Deficiency Description/Resolution
Comment A1	I	Page 1	Section 5	330.57(I)(1)	Please provide the URL address of a publicly accessible internet web site where the application and all revisions to that application will be posted, also please post the application on a valid website.
<i>Response A1</i>					<i>Page 1, Section 5 of the Part I application has been revised to include the URL address where the electronic version of the application is directly accessible to the public. The application and this response are posted at https://www.wm.com/wm/permits-texas/permits.jsp</i>

ID ¹	App. Part	App. Section	Location ²	Citation	Deficiency Description/Resolution
Comment A2	I	Parts I-IV			Please revise and resubmit new Title Pages to include the City of Houston.
Response A2					Parts I-IV Title Pages and Binder cover pages have been revised to clarify that the site is located in the City of Houston.
Comment A3	I	Part I	Section 8		This NOD item is only for public places that are closed to the public due to the COVID-19 pandemic or where the public is not able to come in and look at the application. <u>This issue applies to your application.</u> Please search for other public places where the application may be placed for public viewing. Only after you have exhausted all public places and can demonstrate such, you may be able to post as a LINK on an accessible web page and place the application at your facility and make it reasonably accessible to the public. Request for posting as a LINK should be made to the person noted in the attached letter.
Response A3					USA Waste identified as potential options: <ul style="list-style-type: none"> • Carverdale Community Center at 9920 Porto Rico Road • Houston Fire Station 66 at 5800 Teague • Houston Police Department Northwest Substation at 9000 Teague

ID ¹	App. Part	App. Section	Location ²	Citation	Deficiency Description/Resolution
					<p><i>These facilities are either closed or would not agree to making the application available to the public for viewing.</i></p> <p><i>USA Waste also considered placing the application at the TCEQ Regional Office. However, that option is not available as the Region Office is not accepting visitors at this time.</i></p> <p><i>The application is currently at the Hillendahl Neighborhood Library. The library is not currently open, and the application is not available through the Go Curbside Program because it is not barcoded in the library's system and cannot be properly tracked. However, the application will remain at the library in the event that the library does reopen to the public and/or they are able to make the document available in their Go Curbside Program. USA Waste will also make the application available at their nearest operating facility – the Fairbanks Landfill located at 8205 Fairbanks N. Houston Rd., Houston, Texas, 77064 – and will provide an area where the public may view the document. The available hours for review will be Monday through Friday, 6:00 am to 5:00 pm, and Saturday, 6:00 am to 2:00 pm. In addition, the application is already available on a publicly accessible web site at https://www.wm.com/wm/permits-texas/permits.jsp</i></p>

ID ¹	App. Part	App. Section	Location ²	Citation	Deficiency Description/Resolution
Comment A4	I	Page 3	Section 12	330.59(c)(1)(A)	Please verify the latitude and longitude. If correct in the Part I Application Form, please update the Core Data Form (CDF) and resubmit.
Response A4					The Core Data Form has been updated to include the latitude and longitude for the site benchmark.
Comment A5	I	Page 12	Attachment C	39.5(b)	Please verify and revise City Mayor's address to P.O. Box 1562 Houston, Texas 77002 and please confirm the Mayor's telephone number.
Response A5					The Part I Application Form, Section 20 has been updated to change the City of Houston Mayor's address to P.O. Box 1562 Houston, Texas 77002 and a revised telephone number of 713-837-0311.
Comment A6	I	Part I	Section 20 Page 8		Please verify and revise Harris County Public Health Department Contact Person's Name to Gwen Sims, Deputy Director.
Response A6					The Part I Application Form, Section 20 has been revised to identify Ms. Gwen Sims as the Harris County Public Health Department contact person and to provide her contact information.

ID ¹	App. Part	App. Section	Location ²	Citation	Deficiency Description/Resolution
Comment A7	I	Part I	Section 20 Page 8		Please verify and revise Houston-Galveston Area Council Contact Person's name to Mr. Charles Wemple, Executive Director.
Response A7					The Part I Application Form, Section 20 has been revised to identify Mr. Charles Wemple as the HGAC Executive Director and to provide his contact information.
Comment A8	I	Part I	Section 20 Page 9		Please verify and revise the Harris County Flood Control District Contact Person's Suite No. to 120.
Response A8					The Part I Application Form, Section 20 has been revised to identify Mr. Russell "Russ" Poppe, PE as the Executive Director and to provide his contact information.
Comment A9	I	Part I	Section 20 Page 9		Please confirm whether the facility isn't within the Coastal Management Program boundary. If the facility is within the boundary zone, please revise.
Response A9					Based on review of the Texas General Land Office, Coastal Zone Boundary Map, the site is not located within the Coastal Management Program boundary. This map is located at https://www.glo.texas.gov/coast/coastal-management/forms/files/CoastalBoundaryMap.pdf

ID ¹	App. Part	App. Section	Location ²	Citation	Deficiency Description/Resolution
Comment A10	I	Part I	Section 2 Page 5		Please revise Part I Site and Applicant Information, Section 2.3, Page 5, of the Geographic Coordinates to match the general coordinates on the CDF. If the CDF is correct, please revise and resubmit.
Response A10					The Core Data Form has been updated to include the latitude and longitude for the site benchmark.
Comment 11	I	Part I	Figure 1-B-1	305.45(a)(6)(D)	The Landowner's map submitted did not include Adjacent Landowner #44 Mr. Hebert Emma P Tre ET AL, c/o Victor E Hebert, 5651 Triway Lane, Houston, Texas 77041-7421. Please resubmit a revised the adjacent landowner's map to include this landowner
Response 11					Figure 1-B-1 has been revised to identify the location of adjacent landowner #44.
Comment 12	I	Part I	Page 10	281.5(1)	Please resubmit a revised signed notarized signature page.
Response 12					A revised Part I Form signature page is provided.

REDLINE/STRIKEOUT CHANGES

PERMIT AMENDMENT APPLICATION

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Volume 1 of 3

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, TX 77494

Submitted By:



Golder Associates Inc.
14950 Heathrow Forest Pkwy
Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

Submitted: February 2021
Administrative NOD 1: March 2021

Project No. 1894269

PERMIT AMENDMENT APPLICATION

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Volume 2 of 3

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
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Submitted By:



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PERMIT AMENDMENT APPLICATION

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PERMIT AMENDMENT APPLICATION

Hawthorn Park Recycling & Disposal
Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Volume 1 of 3

PERMIT AMENDMENT APPLICATION

Hawthorn Park Recycling & Disposal
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City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Volume 2 of 3

PERMIT AMENDMENT APPLICATION

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Volume 3 of 3

February 2021

Administrative NOD 1: March 2021

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PART I

SITE AND APPLICANT INFORMATION

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, TX 77494



Submitted By:



Golder Associates Inc.
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Houston, TX 77032 USA

Professional Engineering Firm Registration Number F-2578

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Professional Engineering Firm
Registration Number F-2578

**INTENDED FOR PERMITTING
PURPOSES ONLY**

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PART II

EXISTING CONDITIONS AND CHARACTER OF THE FACILITY

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



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PART III
SITE DEVELOPMENT PLAN

Hawthorn Park Recycling and Disposal Facility

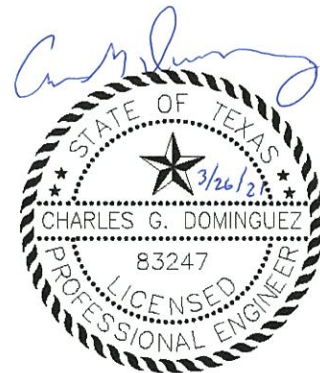
City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



**USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494**



Submitted By:



**Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578**

**GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578**

**INTENDED FOR PERMITTING
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PART III, ATTACHMENT 1

GENERAL FACILITY DESIGN

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

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Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

Submitted: February 2021
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Project No. 1894269

PART III, ATTACHMENT 2

FACILITY SURFACE WATER DRAINAGE REPORT

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



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Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

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PART III, ATTACHMENT 3

WASTE MANAGEMENT UNIT DESIGN

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



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PART III, ATTACHMENT 3
APPENDIX III-3D
LINER QUALITY CONTROL PLAN
(LQCP)

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



**USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494**



Submitted By:



**Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578**

**GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578**

**INTENDED FOR PERMITTING
PURPOSES ONLY**

HAWTHORN PARK RECYCLING & DISPOSAL FACILITY
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-2185A

PERMIT AMENDMENT APPLICATION

PART III – FACILITY INVESTIGATION AND DESIGN
ATTACHMENT 4
GEOLOGY REPORT

Prepared for:

USA Waste of Texas Landfill, Inc.
24275 Katy Freeway, Suite 450
Katy, TX 77494

February 2021



Biggs & Mathews Environmental, Inc.
Firm Registration No. 50222

3/26/2021

Prepared by:

BIGGS & MATHEWS ENVIRONMENTAL
1700 Robert Road, Suite 100 ♦ Mansfield, Texas 76063 ♦ 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS
FIRM REGISTRATION No. F-256

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS
FIRM REGISTRATION No. 50222

HAWTHORN PARK RECYCLING & DISPOSAL FACILITY
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-2185A

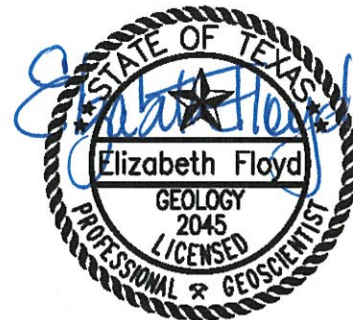
PERMIT AMENDMENT APPLICATION

PART III – FACILITY INVESTIGATION AND DESIGN
ATTACHMENT 5
GROUNDWATER MONITORING PLAN

Prepared for:

USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494

Prepared by:



February 2021

Biggs & Mathews Environmental, Inc.
Firm Registration No. 50222

3/26/2021

BIGGS & MATHEWS ENVIRONMENTAL
1700 Robert Road, Suite 100 ♦ Mansfield, Texas 76063 ♦ 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS
FIRM REGISTRATION NO. F-256

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS
FIRM REGISTRATION NO. 50222

PART III, ATTACHMENT 6

LANDFILL GAS MANAGEMENT PLAN

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, TX 77494



Submitted By:



Golder Associates Inc.
14950 Heathrow Forest Pkwy
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Professional Engineering Firm Registration Number F-2578

GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

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PART III, ATTACHMENT 7

CLOSURE PLAN

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

**INTENDED FOR PERMITTING
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Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

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PART III, ATTACHMENT 8

POST-CLOSURE PLAN

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

GOLDER ASSOCIATES INC.
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PART III, ATTACHMENT 9

CLOSURE AND POST-CLOSURE COST ESTIMATE

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



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Katy, Texas 77494



Submitted By:



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PART IV

SITE OPERATING PLAN

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



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CLEAN/UNMARKED PAGES

PERMIT AMENDMENT APPLICATION

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Volume 1 of 3

Owner/Site Operator/Permittee:



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Submitted By:



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PERMIT AMENDMENT APPLICATION

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

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Volume 2 of 3

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PERMIT AMENDMENT APPLICATION

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Volume 3 of 3

Owner/Site Operator/Permittee:



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Submitted By:



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**PERMIT AMENDMENT
APPLICATION**

**Hawthorn Park Recycling & Disposal
Facility**

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Volume 1 of 3

**PERMIT AMENDMENT
APPLICATION**

**Hawthorn Park Recycling & Disposal
Facility**

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Volume 2 of 3

**PERMIT AMENDMENT
APPLICATION**

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Volume 3 of 3

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PART I

SITE AND APPLICANT INFORMATION

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



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Project No. 1894269

Facility Name: Hawthorn Park Recycling and Disposal Facility
Permittee/Registrant Name: USA Waste of Texas Landfills, Inc.
MSW Authorization #:2185A
Initial Submittal Date: 2/8/2021
Revision Date: 3/26/2021



Texas Commission on Environmental Quality
Part I Application Form for New Permit, Permit
Amendment, or Registration for a
Municipal Solid Waste Facility

1. Reason for Submittal
<input type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Notice of Deficiency (NOD) Response

2. Authorization Type
<input checked="" type="checkbox"/> Permit <input type="checkbox"/> Registration

3. Application Type
<input type="checkbox"/> New Permit <input checked="" type="checkbox"/> Permit Major Amendment <input type="checkbox"/> Permit Major Amendment (Limited Scope) <input type="checkbox"/> New Registration

4. Application Fees
Amount <input checked="" type="checkbox"/> \$2,050 for Permits and Permit Amendments <input type="checkbox"/> \$150 for Registrations
Payment Method <input type="checkbox"/> Check <input checked="" type="checkbox"/> Online through ePay portal < https://www3.tceq.texas.gov/epay/ >
If paid online, enter ePay Trace Number: 582EA000420758

5. Application URL
Is the application submitted for a Type I Arid Exempt (AE) or Type IV AE facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If the answer is "No", provide the URL address of a publicly accessible internet web site where the application and all revisions to that application will be posted. http://www.wm.com/wm/permits-texas/permits.jsp

6. Application Publishing

Party Responsible for Publishing Notice:

Applicant Agent in Service Consultant

Contact Name: **Charles G. Dominguez, PE** Title: **Principal**

7. Alternative Language Notice

Is an alternative language notice required for this application? (For determination refer to Alternative Language Checklist on the Public Notice Verification Form TCEQ-20244-Waste)

Yes No

8. Public Place Location of Application

Name of the Public Place: **Fairbanks Landfill**

Physical Address: **8205 Fairbanks N. Houston Rd.**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77064**

(Area code) Telephone Number: **(832) 771-6377**

9. Consolidated Permit Processing

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

Yes No Not Applicable

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

10. Confidential Documents

Does the application contain confidential documents?

Yes No

If "Yes", cross-reference the confidential documents throughout the application and submit as a separate attachment in a binder clearly marked "CONFIDENTIAL."

11. Permits and Construction Approvals			
Permit or Approval	Received	Pending	Not Applicable
Hazardous Waste Management Program under the Texas Solid Waste Disposal Act	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Underground Injection Control Program under the Texas Injection Well Act	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
National Pollutant Discharge Elimination System Program under the Clean Water Act and Waste Discharge Program under Texas Water Code, Chapter 26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prevention of Significant Deterioration Program under the Federal Clean Air Act (FCAA). Nonattainment Program under the FCAA	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
National Emission Standards for Hazardous Air Pollutants Preconstruction Approval under the FCAA	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ocean Dumping Permits under the Marine Protection Research and Sanctuaries Act	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dredge or Fill Permits under the CWA	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Licenses under the Texas Radiation Control Act	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other (describe) Air Emissions Inventory (HX2331G)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (describe) Air New Source Permit (85322; HG1541Q; HG4225I)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (describe)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (describe)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. General Facility Information	
Facility Name: Hawthorn Park Recycling and Disposal Facility	
Contact Name: Charles A. Rivette	Title: Director, Planning and Development
MSW Authorization No. (if available): 2185A	
Regulated Entity Reference No. (if issued)*: RN102664232	
Physical or Street Address (if available): 10550 Tanner Rd	
City: Houston County: Harris State: Texas Zip Code: 77041	
(Area Code) Telephone Number: (713) 253-4497	
Latitude (Degrees, Minutes Seconds): N 29° 51' 11.51"	
Longitude (Degrees, Minutes Seconds): W 95° 33' 11.71"	
Benchmark Elevation (above mean sea level): 99.29ft.	
Provide a description of the location of the facility with respect to known or easily identifiable landmarks: The Hawthorn Park RDF is located 0.2 miles east of Beltway 8 and Tanner Rd intersection, north along Tanner Rd	

Detail access routes from the nearest United States or state highway to the facility: **U.S. 290 can be taken east to Beltway 8 south to Tanner Road**

*If this number has not been issued for the facility, complete a TCEQ Core Data Form (TCEQ-10400) and submit it with this application. List the Facility as the Regulated Entity.

13. Facility Type(s)

- Type I Type IV Type V
 Type I AE Type IV AE Type VI

14. Activities Conducted at the Facility

- Storage Processing Disposal

15. Facility Waste Management Unit(s)

- Landfill Unit(s) Incinerator(s)
 Class 1 Landfill Unit(s) Autoclave(s)
 Process Tank(s) Refrigeration Unit(s)
 Storage Tank(s) Mobile Processing Unit(s)
 Tipping Floor Type VI Demonstration Unit
 Storage Area Compost Pile(s) and/or Vessel(s)
 Container(s) Other (specify): **Wood Recycling Area**
 Roll-off Boxes Other (specify): **Large/Heavy/Bulk Item Area**
 Surface Impoundment Other (specify) **C&D Waste Recycling Area; concrete-crushing and recycling facility (RN105209068); Type 5RC compost facility (RN 104887468)**

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.

Major Permit Amendment for a lateral and vertical expansion of the existing Hawthorn Park Landfill

17. Facility Contact Information

Site Operator (Permittee/Registrant) Name: USA Waste of Texas Landfills, Inc.

Customer Reference No. (if issued)*: **CN602560930**

Contact Name: **Charles A. Rivette and Development**

Title: **Director, Planning**

Mailing Address: **24275 Katy Freeway, Suite 450**

City: **Katy** County: **Harris** State: **Texas** Zip Code: **77494**

(Area Code) Telephone Number: **(713) 253-4497**

Email Address: **crivette@wm.com**

TX Secretary of State (SOS) Filing Number: **8836806**

*If the Site Operator (Permittee/Registrant) does not have this number, complete a TCEQ Core Data Form (TCEQ-10400) and submit it with this application. List the Site Operator (Permittee/Registrant) as the Customer.

Operator Name¹: Same as Site Operator (Permittee/Registrant)

Customer Reference No. (if issued)*:

Contact Name: Title:

Mailing Address:

City: County: State: Zip Code:

(Area Code) Telephone Number:

Email Address:

TX SOS Filing Number:

¹If the Operator is the same as Site Operator/Permittee type "Same as "Site Operator (Permittee/Registrant)".

*If the Operator does not have this number, complete a TCEQ Core Data Form (TCEQ-10400) and submit it with this application. List the Operator as the customer.

Consultant Name (if applicable): Golder Associates Inc.

Texas Board of Professional Engineers Firm Registration Number: **F-2578**

Contact Name: **Charles G. Dominguez, PE** Title: **Principal**

Mailing Address: **14950 Heathrow Forest Parkway, Suite 280**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77032**

(Area Code) Telephone Number: **(281) 821-6868**

Email Address: **charles_dominguez@golder.com**

Agent in Service Name (required only for out-of-state): N/A

Mailing Address:

City: County: State: Zip Code:

(Area Code) Telephone Number:

Email Address:

18. Facility Supervisor's License

Select the Type of License that the Solid Waste Facility Supervisor, as defined in 30 TAC Chapter 30, Occupational Licenses and Registrations, will obtain prior to commencing facility operations.

- Class A Class B

19. Ownership Status of the Facility

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Corporation | <input type="checkbox"/> Limited Partnership | <input type="checkbox"/> Federal Government |
| <input type="checkbox"/> Individual | <input type="checkbox"/> City Government | <input type="checkbox"/> Other Government |
| <input type="checkbox"/> Sole Proprietorship | <input type="checkbox"/> County Government | <input type="checkbox"/> Military |
| <input type="checkbox"/> General Partnership | <input type="checkbox"/> State Government | <input type="checkbox"/> Other (specify): |

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

Yes No

If "No", provide the information requested below for any additional ownership.

Owner Name:

Street or P.O. Box:

City: County: State: Zip Code:

(Area Code) Telephone Number:

Email Address:

20. Other Governmental Entities Information

Texas Department of Transportation District: Houston District

District Engineer's Name: **Eliza Paul, PE**

Street Address or P.O. Box: **7600 Washington Avenue**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77007**

(Area Code) Telephone Number: **(713) 802-5000**

Email Address: **eliza.paul@txdot.gov**

The Local Governmental Authority Responsible for Road Maintenance (if applicable): Harris County Precinct 4

Contact Person's Name: **R. Jack Cagle, Commissioner**

Street Address or P.O. Box: **1001 Preston, Suite 950**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77002**

(Area Code) Telephone Number: **(713) 755-6444**

Email Address: **commissionercagle@hcp4.net**

City Mayor Information

City Mayor's Name: **Sylvester Turner**

Office Address: **P.O. Box 1562**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77251**

(Area Code) Telephone Number: **(713) 837-0311**

Email Address: **mayor@houstontx.gov**

City Health Authority: Houston Health Department

Contact Person's Name: **Stephen L. Williams, Director**

Street Address or P.O. Box: **8000 North Stadium Drive**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77054**

(Area Code) Telephone Number: **(832) 393-5169**

Email Address: **hhd.director@houstontx.gov**

County Judge Information

County Judge's Name: **Lina Hidalgo**

Street Address or P.O. Box: **1001 Preston, Suite 911**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77002**

(Area Code) Telephone Number: **(713) 274-7000**

Email Address: **judge.hidalgo@cjo.hctx.net**

County Health Authority: Harris County Public Health & Environmental Services

Contact Person's Name: **Gwen Sims, Deputy Director**

Street Address or P.O. Box: **2223 West Loop South**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77027**

(Area Code) Telephone Number: **(832) 927-7487**

Email Address: **Gwen.Sims@phs.hctx.net**

State Representative Information

District Number: **135**

State Representative's Name: **Representative Jon Rosenthal**

District Office Address: **9601 Jones Road, Suite 215**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77065**

(Area Code) Telephone Number: **(281) 807-3428**

Email Address: **jon.rosenthal@house.texas.gov**

State Senator Information

District Number: **15**

State Senator's Name: **Senator John Whitmire**

District Office Address: **803 Yale Street**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77007**

(Area Code) Telephone Number: **(713) 864-8701**

Email Address: **john.whitmire@senate.texas.gov**

Council of Government (COG) Name: Houston-Galveston Area Council

COG Representative's Name: **Charles Wemple**

COG Representative's Title: **Executive Director**

Street Address or P.O. Box: **3555 Timmons Ln**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77027**

(Area Code) Telephone Number: **(713) 993-4514**

Email Address: **Charles.Wemple@h-gac.com**

River Basin Authority Name: Harris County Flood Control District (HCFCD)

Contact Person's Name: **Russell "Russ" Poppe, P.E., Executive Director**

Watershed Sub-Basin Name: **Harris County**

Street Address or P.O. Box: **9900 Northwest Freeway**

City: **Houston** County: **Harris** State: **Texas** Zip Code: **77092**

(Area Code) Telephone Number: **(346) 286-4000**

Email Address: **russ.poppe@hcfcd.hctx.net**

Coastal Management Program

Is the facility within the Coastal Management Program boundary?

Yes No

U.S. Army Corps of Engineers

The facility is located in the following District of the U.S. Army Corps of Engineers:

Albuquerque, NM Galveston, TX

Ft. Worth, TX Tulsa, OK

Local Government Jurisdiction

Within City Limits of: **Houston**

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

I, Steve Jacobs, Director of Landfill Operations,
(Site Operator (Permittee/Registrant)'s Authorized Signatory) (Title)

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.

Signature: [Handwritten Signature]

Date: 3/24/21

TO BE COMPLETED BY THE OPERATOR IF THE APPLICATION IS SIGNED BY AN AUTHORIZED REPRESENTATIVE FOR THE OPERATOR

I, _____, hereby designate _____
(Print or Type Operator Name) (Print or Type Representative Name)

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.

Printed or Typed Name of Operator or Principal Executive Officer

Signature

SUBSCRIBED AND SWORN to before me by the said Steve Jacobs

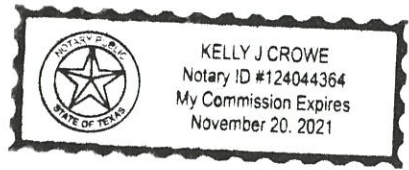
On this 24 day of 3, 2021

My commission expires on the 20 day of 11, 2021

Kelly J Crowe
Notary Public in and for

Harris County, Texas

(Note: Application Must Bear Signature & Seal of Notary Public)



Part I Attachments

(See Instructions for P.E. seal requirements.)

Required Attachments

	Attachment No.
Supplementary Technical Report	Part I Report
Property Legal Description	Appendix IC
Property Metes and Bounds Description	Appendix IC
Facility Legal Description	Appendix IC
Facility Metes and Bounds Description	Appendix IC
Metes and Bounds Drawings	Appendix IC
On-Site Easements Drawing	Appendix IC
Land Ownership Map	Appendix IB
Land Ownership List	Appendix IB
Electronic List or Mailing Labels	Appendix IB
Texas Department of Transportation (TxDOT) County Map	Appendix IA
General Location Map	Appendix IA
General Topographic Map	Appendix IA
Verification of Legal Status	Appendix IE
Property Owner Affidavit	Appendix ID
Evidence of Competency	Part I Report, Section 6.0

Additional Attachments as Applicable- Select all those apply and add as necessary

<input checked="" type="checkbox"/> TCEQ Core Data Form(s)	w/ Cover Letter
<input checked="" type="checkbox"/> Signatory Authority Delegation	Appendix IF
<input checked="" type="checkbox"/> Fee Payment Receipt	Appendix IG
<input type="checkbox"/> Confidential Documents	
<input type="checkbox"/> Waste Storage, Processing and Disposal Ordinances	
<input checked="" type="checkbox"/> Final Plat Record of Property	Appendix IC
<input checked="" type="checkbox"/> Certificate of Fact (Certificate of Incorporation)	Appendix ID
<input checked="" type="checkbox"/> Assumed Name Certificate	Appendix ID



TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input checked="" type="checkbox"/> Other Permit Amendment Application
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 602560930		RN 102664232

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input type="checkbox"/> New Customer		<input type="checkbox"/> Update to Customer Information	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:	
USA Waste of Texas Landfills, Inc.			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
	17603225487	760322548	
11. Type of Customer:	<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees		13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input type="checkbox"/> Owner		<input type="checkbox"/> Operator	
<input type="checkbox"/> Occupational Licensee		<input checked="" type="checkbox"/> Owner & Operator	
<input type="checkbox"/> Responsible Party		<input type="checkbox"/> Voluntary Cleanup Applicant	
<input type="checkbox"/> Other:			
15. Mailing Address:	24275 Katy Freeway		
	Suite 450		
	City	Katy	State TX ZIP 77494 ZIP + 4
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	
(713) 647-5454		(713) 647-5466	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)	
<input type="checkbox"/> New Regulated Entity <input checked="" type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information	
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
Hawthorn Park Recycling and Disposal Facility	

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>	10550 Tanner Rd						
	City	Houston	State	TX	ZIP	77041	ZIP + 4
24. County	Harris						

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	North of Tanner Rd, 0.2 mile east of intersection of Tanner Rd. & Beltway 8						
26. Nearest City	Houston			State	TX	Nearest ZIP Code	77041
27. Latitude (N) In Decimal:	Degrees		Minutes	Seconds	28. Longitude (W) In Decimal:	Degrees	
	29	51	11.51		95	33	11.71
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
4953		562212					
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>							
Type IV municipal solid waste recycling and disposal facility							
34. Mailing Address:	24275 Katy Freeway						
	Suite 450						
	City	Katy	State	TX	ZIP	77494	ZIP + 4
35. E-Mail Address:							
36. Telephone Number		37. Extension or Code		38. Fax Number <i>(if applicable)</i>			
() -				() -			

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input checked="" type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
			HX2331G	
<input checked="" type="checkbox"/> Municipal Solid Waste	<input checked="" type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
2185	85322			
<input type="checkbox"/> Sludge	<input checked="" type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
	TXR05T969			
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Charles G. Dominguez, P.E.	41. Title:	Principal and Vice President
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(281) 850-8013		(281) 821-6868	Charles_Dominguez@golder.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	USA Waste of Texas Landfills, Inc.	Job Title:	Director of Landfill Operations
Name <i>(In Print)</i> :	Steve Jacobs	Phone:	(512) 272- 6245

Signature:



Date:

3/24/21

PART II

EXISTING CONDITIONS AND CHARACTER OF THE FACILITY

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

**INTENDED FOR PERMITTING
PURPOSES ONLY**

Submitted: February 2021
Administrative NOD 1: March 2021

Project No. 1894269

PART III

SITE DEVELOPMENT PLAN

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

**INTENDED FOR PERMITTING
PURPOSES ONLY**

Submitted: February 2021
Administrative NOD 1: March 2021

Project No. 1894269

PART III, ATTACHMENT 1

GENERAL FACILITY DESIGN

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

INTENDED FOR PERMITTING
PURPOSES ONLY

Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

Submitted: February 2021
Administrative NOD 1: March 2021

Project No. 1894269

PART III, ATTACHMENT 2

FACILITY SURFACE WATER DRAINAGE REPORT

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

INTENDED FOR PERMITTING
PURPOSES ONLY

Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

Submitted: February 2021
Administrative NOD 1: March 2021

Project No. 1894269

PART III, ATTACHMENT 3

WASTE MANAGEMENT UNIT DESIGN

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

**INTENDED FOR PERMITTING
PURPOSES ONLY**

Submitted: February 2021
Administrative NOD 1: March 2021

Project No. 1894269

PART III, ATTACHMENT 3
APPENDIX III-3D
LINER QUALITY CONTROL PLAN
(LQCP)

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

INTENDED FOR PERMITTING
PURPOSES ONLY

Submitted: February 2021
Administrative NOD 1: March 2021

Project No. 1894269

**HAWTHORN PARK RECYCLING & DISPOSAL FACILITY
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-2185A**

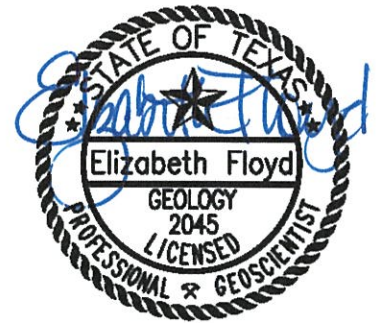
PERMIT AMENDMENT APPLICATION

**PART III – FACILITY INVESTIGATION AND DESIGN
ATTACHMENT 4
GEOLOGY REPORT**

Prepared for:

**USA Waste of Texas Landfill, Inc.
24275 Katy Freeway, Suite 450
Katy, TX 77494**

February 2021



Biggs & Mathews Environmental, Inc.
Firm Registration No. 50222

3/26/2021

Prepared by:

BIGGS & MATHEWS ENVIRONMENTAL
1700 Robert Road, Suite 100 ♦ Mansfield, Texas 76063 ♦ 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS
FIRM REGISTRATION No. F-256

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS
FIRM REGISTRATION No. 50222

**HAWTHORN PARK RECYCLING & DISPOSAL FACILITY
CITY OF HOUSTON, HARRIS COUNTY, TEXAS
TCEQ PERMIT NO. MSW-2185A**

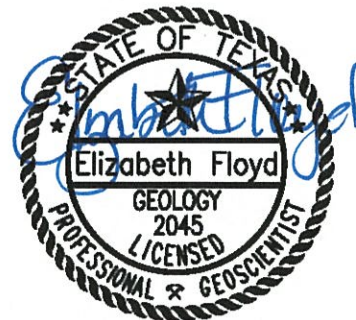
PERMIT AMENDMENT APPLICATION

**PART III – FACILITY INVESTIGATION AND DESIGN
ATTACHMENT 5
GROUNDWATER MONITORING PLAN**

Prepared for:

**USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494**

Prepared by:



February 2021

Biggs & Mathews Environmental, Inc.
Firm Registration No. 50222

3/26/2021

BIGGS & MATHEWS ENVIRONMENTAL
1700 Robert Road, Suite 100 ♦ Mansfield, Texas 76063 ♦ 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS
FIRM REGISTRATION NO. F-256

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS
FIRM REGISTRATION NO. 50222

PART III, ATTACHMENT 6

LANDFILL GAS MANAGEMENT PLAN

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, TX 77494



Submitted By:



Golder Associates Inc.
14950 Heathrow Forest Pkwy
Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

INTENDED FOR PERMITTING
PURPOSES ONLY

Submitted: February 2021
Administrative NOD 1: March 2021

Project No. 1894269

PART III, ATTACHMENT 7

CLOSURE PLAN

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



Submitted By:



GOLDER ASSOCIATES INC.
Professional Engineering Firm
Registration Number F-2578

**INTENDED FOR PERMITTING
PURPOSES ONLY**

Golder Associates Inc.
14950 Heathrow Forest Pkwy, Suite 280
Houston, TX 77032 USA
Professional Engineering Firm Registration Number F-2578

Submitted: February 2021
Administrative NOD 1: March 2021

Project No. 1894269

PART III, ATTACHMENT 8

POST-CLOSURE PLAN

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
Katy, Texas 77494



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PART III, ATTACHMENT 9

CLOSURE AND POST-CLOSURE COST ESTIMATE

Hawthorn Park Recycling and Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



USA Waste of Texas Landfills, Inc.
24275 Katy Freeway, Suite 450
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PART IV

SITE OPERATING PLAN

Hawthorn Park Recycling & Disposal Facility

City of Houston, Harris County, Texas

TCEQ Permit MSW-2185A

Owner/Site Operator/Permittee:



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24275 Katy Freeway, Suite 450
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