April 5, 2022

Mr. Toby Baker
Executive Director
MC-109
Texas Commission on Environmental Quality
Austin, TX 78753

Re: City of Victoria Landfill (Type I)
Major Amendment Permit Application
TCEQ Permit Number MSW-1522B
Victoria County, Texas

Dear Mr. Baker:

On behalf of the City of Victoria, Burns & McDonnell is submitting the enclosed Major Permit Amendment application, Parts I through IV, to expand the City of Victoria Landfill (Landfill). We have uploaded the electronic documents to the Texas Commission on Environmental Quality (TCEQ) website and are providing one printed original and three printed copies for review and comment.

The purpose of this Major Permit Amendment is to secure authorization to expand the existing City of Victoria Landfill, TCEQ Municipal Solid Waste (MSW) Landfill Permit No. 1522A. The proposed permit amendment will increase the height of fill in a portion of the existing permitted waste footprint, expand the waste footprint laterally into the adjacent City-owned property, and allow for the option of below-grade Class 1 non-hazardous industrial waste (NHIW) within the lateral expansion area.

The City of Victoria Landfill is the only MSW Type I landfill in the area that makes up the Golden Crescent Regional Planning Commission (GCRPC) and has approximately 20 years of remaining capacity. This Major Permit Amendment will provide a significant increase in Type I disposal capacity for the City of Victoria and communities within the GCRPC.

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

Sincerely,

Scott Martin, PE
Project Engineer

Seth Cunningham, PE
Project Manager

Copies submitted: 1 original and 3 copies (5 volumes per set)

cc: Darryl Lesak, City of Victoria
Jeffrey Reed, Lloyd, Gosselink Rochelle & Townsend, P.C.

8911 North Capital of Texas Hwy #3100 \ Austin, TX 78759
O 512-872-7130\ **F** 816-333-3690 \ burnsmcd.com

Volume 1
Part I/II Landfill Permit Amendment Forms and Existing Conditions Summary and Supplementary Technical Report TCEQ MSW Permit No. 1522B

Volume 1 of 5

prepared for

City of Victoria, Texas
City of Victoria Landfill Lateral and Vertical Expansion
Victoria County, Texas

prepared by

Burns & McDonnell Engineering Company, Inc.
8911 N Capital of Texas Hwy, Building 3, Suite 3100
Austin, Texas 78759
Texas Firm Registration No. F-845

City of Victoria, Texas
Part I/II Landfill Permit Amendment
Forms and Existing Conditions Summary and Supplementary Technical Report
TCEQ MSW Permit No. 1522B

Volume 1 of 5

Contents

Forms

Part I/II Existing Conditions Summary and Supplementary Technical Report

Notes

The professional engineering seal included on this page applies only for this Table of Contents and is for permitting purposes only.
The responsible engineer has signed, sealed, and dated applicable engineering documents within the application as required by the Texas Engineering Practice Act.
The responsible geoscientist has signed, sealed, and dated applicable documents within the application as required by the Texas Geoscientist Practice Act

City of Victoria, Texas
Part I/II Landfill Permit Amendment
Forms and Existing Conditions Summary and Supplementary Technical Report
TCEQ MSW Permit No. 1522B

Volume 1 of 5

Certification

I hereby certify, as a Professional Engineer in the state of Texas, that the information in this document was assembled under my direct personal charge. This report is not intended or represented to be suitable for reuse by the City of Victoria, Texas or others without specific verification or adaptation by the Engineer.

CORRESPONDENCE COVER SHEET
WASTE PERMITS DIVISION
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Date: 04/04/2022
Facility Name: City of Victoria Landfill
Permit or Registration No.: MSW #1522-A, RN100212968

Nature of Correspondence:
☒ Initial/New
☐ Response/Revision*

*If Response/Revision, please provide previous TCEQ Tracking No.:
(Previous TCEQ Tracking No. can be found in the Subject line of the TCEQ's response letter to your original submittal.)

This cover sheet should accompany all correspondences submitted to the Waste Permits Division and should be affixed to the front of your submittal as a cover page. Please check the appropriate box for the type of correspondence being submitted. For questions regarding this form, please contact the Waste Permits Division at (512) 239-2335.

Table 1 - Municipal Solid Waste

APPLICATIONS	REPORTS and RESPONSES
☐ New Notification	☐ Closure Report
☐ New Permit (including Subchapter T)	☐ Groundwater Alternate SRC Demonstration
☐ New Registration (including Subchapter T)	☐ Groundwater Corrective Action
☒ Major Amendment	☐ Groundwater Monitoring Report
☐ Minor Amendment	☐ Groundwater Statistical Evaluation
☐ Limited Scope Major Amendment	☐ Landfill Gas Corrective Action
☐ Notice Modification	☐ Landfill Gas Monitoring
☐ Non-Notice Modification	☐ Liner Evaluation Report
☐ Transfer/Name Change Modification	☐ Soil Boring Plan
☐ Temporary Authorization	☐ Special Waste Request
☐ Voluntary Revocation	☐ Other:
☐ Subchapter T Workplan	
☐ Other:	

Table 2 - Industrial & Hazardous Waste

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

Facility Name: City of Victoria Landfill
Permittee/Registrant Name: City of Victoria
MSW Authorization #:1522-A
Initial Submittal Date: 3/28/2022
Revision Date:

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

☒ Initial Submittal ☐ Notice of Deficiency (NOD) Response

2. Authorization Type

☒ Permit ☐ Registration

3. Application Type

☐ New Permit ☒ Permit Major Amendment ☐ Permit Major Amendment (Limited Scope)

☐ New Registration

4. Application Fees

Amount

☒ $2,050 for Permits and Permit Amendments ☐ $150 for Registrations

Payment Method

☐ Check ☒ Online through ePay portal <https://www3.tceq.texas.gov/epay/>

If paid online, enter ePay Trace Number:

5. Application URL

Is the application submitted for a Type I Arid Exempt (AE) or Type IV AE facility?

☐ Yes ☒ 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://**info.burnsmcd.com/tceq-permits-city-of-victoria-landfill**

6. Application Publishing

Party Responsible for Publishing Notice:

☒ Applicant ☐ Agent in Service ☐ Consultant

Contact Name: **Darryl Lesak** Title: **Director of Environmental Services**

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: **Victoria Public Library**

Physical Address: **302 N Main St**

City: **Victoria** County: **Victoria** State: **Texas** Zip Code: **77901**

(Area code) Telephone Number: **(361) 485-3301**

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	☐	☐	☒
Underground Injection Control Program under the Texas Injection Well Act	☐	☐	☒
National Pollutant Discharge Elimination System Program under the Clean Water Act and Waste Discharge Program under Texas Water Code, Chapter 26	☒	☐	☐
Prevention of Significant Deterioration Program under the Federal Clean Air Act (FCAA). Nonattainment Program under the FCAA	☐	☐	☒
National Emission Standards for Hazardous Air Pollutants Preconstruction Approval under the FCAA	☐	☐	☒
Ocean Dumping Permits under the Marine Protection Research and Sanctuaries Act	☐	☐	☒
Dredge or Fill Permits under the CWA	☐	☐	☒
Licenses under the Texas Radiation Control Act	☐	☐	☒
Other (describe)	☐	☐	☐
Other (describe)	☐	☐	☐
Other (describe)	☐	☐	☐
Other (describe)	☐	☐	☐

12. General Facility Information

Facility Name: City of Victoria Landfill

Contact Name: **Darryl Lesak** Title: **Director of Environmental Services**

MSW Authorization No. (if available): **1522A**

Regulated Entity Reference No. (if issued)*: RN**100212968**

Physical or Street Address (if available): **18545 FM 1686**

City: **Victoria** County: **Victoria** State: **TX** Zip Code: **77905**

(Area Code) Telephone Number: **361-897-1622**

Latitude (Degrees, Minutes Seconds): **28° 41' 36" North**

Longitude (Degrees, Minutes Seconds): **96° 54' 23" West**

Benchmark Elevation (above mean sea level): **64.97** ft.

Provide a description of the location of the facility with respect to known or easily identifiable landmarks: **The Landfill site entrance is located 0.75 miles east of the intersection of FM 1686 and State Highway 185 in Victoria County, Texas.**

Detail access routes from the nearest United States or state highway to the facility: **The Landfill is located along FM 1686 and can be accessed via State Highway 185 or US-85. From the intersection of SH-185 and FM 1686, vehicles will travel east and the site entrance is approximately 1.5 miles on FM 1686. From the intersection of US-85 and FM 1686, vehicles will travel west and the site entrance is approximately 2.5 miles on FM 1686.**

*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)
- ☒ Class 1 Landfill Unit(s)
- ☐ Process Tank(s)
- ☒ Storage Tank(s)
- ☐ Tipping Floor
- ☐ Storage Area
- ☐ Container(s)
- ☐ Roll-off Boxes
- ☐ Surface Impoundment
- ☐ Incinerator(s)
- ☐ Autoclave(s)
- ☐ Refrigeration Unit(s)
- ☐ Mobile Processing Unit(s)
  - ☐ Type VI Demonstration Unit
  - ☐ Compost Pile(s) and/or Vessel(s)
  - ☐ Other (specify):
  - ☐ Other (specify):
- ☐ Other (specify)

16. Description of Proposed Facility or Changes to Existing Facility

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

Lateral and vertical expansion of the Landfill, including the addition of the option for below-grade disposal of Class 1 non-hazardous industrial waste in the lateral expansion area. This expansion is requested to extend landfill life. The City of Victoria landfill is the only permitted Type I MSW landfill located in the County and the Regional Planning Commission.

17. Facility Contact Information

Site Operator (Permittee/Registrant) Name: City of Victoria

Customer Reference No. (if issued)*: CN**600243257**

Contact Name: **Darryl Lesak** Title: **Director of Environmental Services**

Mailing Address: **700 Main Center, Suite 124**

City: **Victoria** County: **Victoria** State: **TX** Zip Code: **77902**

(Area Code) Telephone Number: **361-485-3381**

Email Address: **dlesak@victoriatx.gov**

TX Secretary of State (SOS) Filing Number: **N/A**

*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 Name[1]: Republic Waste Service of Texas, Ltd

Customer Reference No. (if issued)*: **600132534**

Contact Name: **Scott** Title: **Trebus**

Mailing Address: **10554 Tanner Road**

City: **Houston** County: **Harris** State: **TX** Zip Code: **77041**

(Area Code) Telephone Number: **713-849-0400**

Email Address: **STrebus@republicservices.com**

TX SOS Filing Number: **0155761000**

[1]If 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): Burns & McDonnell Engineering

Texas Board of Professional Engineers Firm Registration Number: **120819**

Contact Name: **Scott A. Martin** Title: **Project Manager**

Mailing Address: **8911 N Captial of TX Hwy, Building 3, Suite 3100**

City: **Austin** County: **Travis** State: **TX** Zip Code: **78759**

(Area Code) Telephone Number: **816-333-9400**

Email Address: **samartin@burnsmcd.com**

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

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

☐ Corporation	☐ Limited Partnership	☐ Federal Government
☐ Individual	☒ City Government	☐ Other Government
☐ Sole Proprietorship	☐ County Government	☐ Military
☐ General Partnership	☐ State Government	☐ 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: Yoakum

District Engineer's Name: **Valente Olivarez Jr., P.E. (interim)**

Street Address or P.O. Box: **1701 S. Padre Island Drive**

City: **Corpus Cristi** County: **Nueces** State: **Texas** Zip Code: **78416**

(Area Code) Telephone Number: **361-808-2275**

Email Address: **Valente.Olivarez@txdot.gov**

The Local Governmental Authority Responsible for Road Maintenance (if applicable): N/A

Contact Person's Name:

Street Address or P.O. Box:

City: County: State: Zip Code:

(Area Code) Telephone Number:

Email Address:

City Mayor Information

City Mayor's Name: **Jeff Bauknight**

Office Address: **P.O. Box 1758**

City: **Victoria** County: **Victoria** State: **Texas** Zip Code: **77902**

(Area Code) Telephone Number: **(361) 485-3030**

Email Address: **jbauknight@victoriatx.gov**

City Health Authority: See County Health Authority

Contact Person's Name:

Street Address or P.O. Box:

City: County: State: Zip Code:

(Area Code) Telephone Number:

Email Address:

County Judge Information

County Judge's Name: **Ben Zeller**

Street Address or P.O. Box: **101 N Bridge Street, Suite 102**

City: **Victoria** County: **Victoria** State: **TX** Zip Code: **77901**

(Area Code) Telephone Number: **361-575-4558**

Email Address: **bzeller@vctx.org**

County Health Authority: Victoria County Public Health Department

Contact Person's Name: **David Conzales, Public Health Director**

Street Address or P.O. Box: **101 N Bridge Street**

City: **Victoria** County: **Victoria** State: **Texas** Zip Code: **77901**

(Area Code) Telephone Number: **(361) 575-4558**

Email Address:

State Representative Information

District Number: **30**

State Representative's Name: **Geanie W. Morrison**

District Office Address: **1908 N Laurent Suite 500**

City: **Victoria** County: **Victoria** State: **Texas** Zip Code: **77901**

(Area Code) Telephone Number: **(361) 572-0196**

Email Address:

State Senator Information

District Number: **18**

State Senator's Name: **Lois Kolkhorst**

District Office Address: **5606 North Navaro #300M**

City: **Victoria** County: **Victoria** State: **Texas** Zip Code: **77904**

(Area Code) Telephone Number: **(361) 573-7300**

Email Address:

Council of Government (COG) Name: Golden Crescent Regional Planning Commission

COG Representative's Name: **Joe Brannan**

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

Street Address or P.O. Box: **120 S Main, Suite 210**

City: **Victoria** County: **Victoria** State: **Texas** Zip Code: **77907**

(Area Code) Telephone Number: **(361)-578-1587**

Email Address: **jbrannan@gcrpc.org**

River Basin Authority Name: Guadalupe-Blanco River Authority

Contact Person's Name: **Charles M Hickman, PE**

Watershed Sub-Basin Name: **Guadalupe-Lavaca**

Street Address or P.O. Box: **1064 TX-316**

City: **Port Lavaca** County: **Calhoun** State: **Texas** Zip Code: **77979**

(Area Code) Telephone Number: **(361) 552-9751**

Email Address: **chickman@gbra.org**

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: **None**

Within Extraterritorial Jurisdiction of: **None**

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, Jesús A. Garza, City Manager,
(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: _____ Date: March 28, 2022

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_____

On this 28 day of March, 2022

My commission expires on the _____ day of _____, _____

_____
Notary Public in and for

Victoria County, Texas

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

APRIL HILBRICH
Notary Public, State of Texas
Comm. Expires 12-30-2024
Notary ID 126762797

Part I Attachments

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

Required Attachments	**Attachment No.**
Supplementary Technical Report	**Application Part I/II Report**
Property Legal Description	**Part I/II- Appendix D**
Property Metes and Bounds Description	**Part I/II- Appendix D**
Facility Legal Description	**Part I/II- Appendix D**
Facility Metes and Bounds Description	**Part I/II- Appendix D**
Metes and Bounds Drawings	**Part I/II- Appendix D**
On-Site Easements Drawing	**Part I/II- Appendix A, Drawing C001-A**
Land Ownership Map	**Figure A-6 in Appendix I/II-A**
Land Ownership List	**Appendix I/II-A**
Electronic List or Mailing Labels	**Labels in Part I/II Application**
Texas Department of Transportation (TxDOT) County Map	**Part I/II Appendix A, Fig A-1**
General Location Map	**Part I/II Appendix A, Fig A-1**
General Topographic Map	**Part I/II Appendix A, Fig A-2a and 2b**
Verification of Legal Status	**Part I/II- Section 5.0**
Property Owner Affidavit	**Part I/II- Appendix E**
Evidence of Competency	**Part I/II- Section 6.0**

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

- ☐ TCEQ Core Data Form(s)
- ☐ Signatory Authority Delegation
- ☒ Fee Payment Receipt — **Copy of Check 113979 provided in binder**
- ☐ Confidential Documents
- ☐ Waste Storage, Processing and Disposal Ordinances
- ☐ Final Plat Record of Property
- ☐ Certificate of Fact (Certificate of Incorporation)
- ☐ Assumed Name Certificate

Texas Commission on Environmental Quality
Part II Application Form for New Permit or Permit Amendment for a Municipal Solid Waste Landfill Facility

I. Application Information

1. Facility Name: City of Victoria Landfill
2. Permittee Name: City of Victoria
3. MSW Authorization #: MSW Permit #1522A
4. Initial Submittal Date: 04/05/2022

II. Existing Conditions Summary - 30 TAC §330.61(a)

Provide information to address any site-specific conditions that require special design considerations and possible mitigation of conditions as follows.

1. Provide a summary describing the existing conditions at the site and within the areas surrounding the site, which may include discussions of any additional land-use, environmental, or special issues related to the facility.

Landfill has been operating more than 40 years, mostly rural cropland and industrial areas with low- to medium-intensity development. See Figure A-7 in Part I/II- Appendix A for additional land use. Currently, Landfill only accepts MSW and RACM.

2. Provide brief descriptions of all site-specific conditions at the facility that require special design considerations.

The Landfill would like the option to accept Class 1 non-hazardous industrial solid waste for below-grade disposal. This permit modification application includes additional design parameters for future cell construction to meet the liner requirements for below-grade Class 1 waste disposal in the lateral expansion area.

3. Indicate that reports of site-specific conditions that require special design considerations and mitigation of such conditions are provided under Sections VIII – XVI below with regard to (a) facility impacts on surrounding areas; (b)transportation; (c) general geology and soils; (d) groundwater and surface water; (e) existing and abandoned oil and water wells; (f) floodplains and wetlands; (g) endangered or threatened species impacts; and (h) compliance with the Texas Natural Resources Code, Chapter 191 (Texas Antiquities Code).

See Part I/II Report text, section 14.9.1 discusses design considerations related to the acceptance of Class 1 waste for below-grade disposal in the lateral expansion area.

III. Waste Acceptance Plan - 30 TAC §330.61(b)

1. ☑ If this application is for a Type I or Type IAE MSW landfill facility, attach completed Form No. TCEQ-20873. Attachment No.: Part I/II Report, Appendix C
2. ☐ If this application is for a Type IV or Type IVAE MSW landfill facility, attach completed Form No. TCEQ-20890. Attachment No.:

IV. General Location Maps - 30 TAC §330.61(c)

Provide General Location Maps that accurately show the features listed below. Provide all General Location Maps in a single attachment and include the drawing number in the space provided. Include notes on each map, as needed, to describe information pertaining to the map.

1. The prevailing wind direction with a wind rose. Southeast
2. All known water wells within 500 feet of the proposed permit boundary with the state well numbering system designation for Water Development Board "located wells."

   Part I/II, Appendix A, Figure A-5
3. All structures and inhabitable buildings within 500 feet of the proposed facility.

   Part I/II, Appendix A, Figure A-4
4. (i) Schools, (ii) licensed day-care facilities, (iii) churches, (iv) hospitals, (v) cemeteries, (vi) ponds, (vii) lakes, and (viii) residential, (ix) commercial, and (x) recreational areas within one mile of the facility. n/a
5. The location and surface type of all roads within one mile of the facility that will normally be used by the owner or operator for entering or leaving the facility. Part I/II, Appendix B, C001
6. Latitudes and longitudes. 28.684131, -96.921043
7. Area streams. Chocolate Bayou
8. Airports within six miles of the facility. n/a
9. The property boundary of the facility. Part I/II, Appendix A, all figures
10. (i) Drainage, (ii) pipeline, and (iii) utility easements within or adjacent to the facility.

    Part I/II, Appendix B, C001
11. (i) Facility access control features. Part I/II, Appendix B, C001
12. (i) Archaeological sites, (ii) historical sites, and (iii) sites with exceptional aesthetic qualities adjacent to the facility. n/a

V. Facility Layout Maps - 30 TAC §330.61(d)

Provide the Facility Layout Map(s) as a single attachment, and include drawing number(s) in the space provided. Include notes on each map, as needed, to describe information on the map.

Provide a map or set of maps of the facility layout showing:

1. The outline of the units; Part I/II, Appendix B, C001, C004, C012
2. General locations of main interior facility roadways; Part I/II, Appendix B, C001, C004, C012
3. Locations of monitor wells; Part I/II, Appendix B, C001, C004, C012
4. Locations of buildings; Part I/II, Appendix B, C001, C004, C012

5. Any other graphic representations or marginal explanatory notes necessary to communicate the proposed construction sequence; n/a
6. Fencing; Part I/II, Appendix B, C001, C004, C012
7. Provisions for the maintenance of any natural windbreaks, such as greenbelts, where they will improve the appearance and operation of the facility and, where appropriate, plans for screening the facility from public view; n/a
8. All site entrance roads from public access roads; Part I/II, Appendix B, C001, C004, C012
9. General locations of main interior facility roadways that can be used to provide access to fill areas; Part I/II, Appendix B, C001, C004, C012
10. Sectors with appropriate notations to communicate the types of wastes to be disposed of in individual sectors; Part I/II, Appendix B, C003
11. The general sequence of filling operations; Part I/II, Appendix B, C004
12. Sequence of excavations and filling; Part I/II, Appendix B, C004
13. Dimensions of cells or trenches; C004 and
14. Maximum waste elevations and final cover. C004

VI. General Topographic Maps - 30 TAC §330.61(e)

1. Provide general topographic map(s) consisting of United States Geological Survey 7 ½-minute quadrangle sheets or equivalent for the facility.
   Map No(s). Part I/II, Appendix A, Figure A-1
2. At least one of the general topographic maps provided is at a scale of one-inch equals 2,000 feet.
   ☑ Yes

VII. Aerial Photograph - 30 TAC §330.61(f)

Provide an aerial photograph approximately 9” x 9” with a scale within a range of one-inch equals 1,667 feet to one-inch equals 3,334 feet and showing the area within at least one-mile radius of the site boundaries. Mark the site boundaries and fill areas on the aerial photograph(s). A series of aerial photographs can be used to show growth trends.
Attachment No.(s): Part I/II, Appendix A, Figure A-3

VIII. Land-Use Map - 30 TAC §330.61(g)

Provide a constructed map of the facility showing the following land-use features (list the map number(s) in the space provided):

1. The boundary of the facility; Part I/II, Appendix A, Figure A-7
2. Existing zoning on or surrounding the property ; Figure A-7
3. Actual uses (e.g., agricultural, industrial, residential, etc.) both within the facility and within one mile of the facility. Figure A-7
4. Drainage, pipeline, and utility easements within the facility; Appendix B- C001
5. Access roads serving the facility; Figure A-3

6. Check the following facilities if they are within one mile of the facility boundary and indicate on map. Figure A-3

   (a) ☑ residences;

   (b) ☑ commercial establishments;

   (c) ☐ schools;

   (d) ☐ licensed day-care facilities;

   (e) ☐ churches;

   (f) ☐ cemeteries;

   (g) ☐ ponds or lakes; and

   (h) ☐ recreational areas.

IX. Impact on Surrounding Area - 30 TAC §330.61(h)

Address the facility's impacts on cities, communities, groups of property owners, or individuals and describe mitigation of conditions as required. Attach additional pages as necessary. If a land use compatibility analysis report prepared by a qualified professional is provided, indicate the location within the application. Attachment No.: n/a

1. **Impacts to Surrounding Areas:**
   (a) Provide information regarding the likely impacts of the facility on cities, communities, groups of property owners, or individuals by analyzing the compatibility of land use, zoning in the vicinity, community growth patterns, and other factors associated with the public interest; and

Impacts to surrounding areas will be minimal based on surrounding land use and community growth patterns, as described in Part I/II, Section 9.0.

   (b) Describe any special design considerations and possible mitigation of potential impacts, as necessary.

n/a

Published Zoning Map: If available, provide a published zoning map for the facility and within two miles of the facility for the county or counties in which the facility is or will be located.

2. **Special or Nonconforming Use Permit:**

   (a) Does the site require approval as a nonconforming use or a special permit from the local government having jurisdiction? ☐ Yes ☑ No

   (b) If yes, provide a copy of such approval. Attachment No.:

3. **Character of Surrounding Land Use:** Describe the character of the surrounding land uses within one mile of the proposed facility.

Landfill has been operating approximately 40 years, mostly rural cropland and industrial areas with low- to medium-intensity development. See Figure A-7 in Appendix A for additional land use information.

4. **Growth Trends and Directions of Major Development:**
(a) Provide information about growth trends within five miles of the facility.

Victoria County is currently growing at a rate of 0.22 percent.

(b) Describe the directions of major development.

Historical tonnages accepted at the landfill are relatively steady with a spike in 2017/2018 presumably related to Hurricane Harvey.

5. **Number of and Proximity to Residences and Other Uses:** Indicate the approximate number and proximity of residences and other uses within one mile of the facility as follows. Population density and proximity to residences and other uses may be considered in the assessment.

(a) Number of, distance, and directions to residences:

39 residences within 1 mile, most along State Highway 185

(i) Indicate the distance to the nearest residences: 3696 feet

(ii) Provide directions to the nearest residences:

west

(b) Number of, distance, and directions to commercial establishments:

3 commercial establishments within 1 mile

(i) Indicate the distance to the nearest commercial establishments: 3960 feet

(ii) Provide directions to the nearest commercial establishments:

west

(c) Number of, distance, and directions to schools:

n/a

(d) Number of, distance, and directions to churches:

n/a

(e) Number of, distance, and directions to cemeteries:

n/a

(f) Number of, distance, and directions to historic structures and sites:

n/a

(g) Number of, distance, and directions to archaeologically significant sites:

n/a

(h) Number of, distance, and directions to sites having exceptional aesthetic quality:

n/a

6. **Known Wells**. Provide information and discussion of all known wells within 500 ft. of the proposed facility. Provide the well information using Table VIII-1 below. If site has more than 5 wells within the radius, include wells information as an attachment.

See Part I/II, Appendix B, C001, C004

Table VIII-1. Well Information

Wells Within 500 ft. Radius of the Proposed Facility							
Well Locator	Well ID No.	Depth (ft.)	Completion Date	Completion Formation	Well Use	Longitude	Latitude
TWDB	155301	290	10/04/08	Straight	Indust.	-96.898	28.69
TWDB	193787	285	9/3/2009	Strt. Wall	Indust.	-96.898	28.69

X. Transportation and Airport Safety - 30 TAC §330.61(i) and §330.545

1. **Transportation:** Attach completed Transportation Data and Coordination Report Form for Municipal Solid Waste Type I Landfills, TCEQ-20719. Attachment No.: Volume 1 Forms

2. **Airport Safety:**

(a) Is the facility located, or will be located, within 10,000 feet of any airport runway end used by turbojet aircraft? ☐ Yes ☑ No

(b) Is the facility located, or will be located, within 5,000 feet of any airport runway end used by only piston-type aircraft? ☐ Yes ☑ No

(i) If the answer is "Yes" to either (a) or (b) above, indicate the distance of the facility from the nearest airport runway end used by only turbojet aircraft: n/a feet or piston-type aircraft: n/a feet; and

(ii) Provide required demonstration to show that the municipal solid waste facility units are or will be designed and operated so as not to pose a bird hazard to aircraft.
the site is not required to file with FAA, see Appendix I/II-F

(c) Is the facility located, or will be located, within a six-mile radius of any small general service airport runway end used by turbojet or piston-type aircraft? ☐ Yes ☑ No

(d) Is the facility located, or will be located, within a five-mile radius of any large general public airport runway end used by turbojet or piston-type aircraft? ☐ Yes ☑ No

(i) If the answer to either of subsection (c) or (d) above is "Yes," has the applicant notified the affected airport as required?
☐ Yes ☐ No. Explain: n/a

(ii) Also, has the applicant notified the Federal Aviation Administration as required?
☐ Yes ☐ No. Explain: n/a

(iii) Provide copies of the notifications to the affected airport and to FAA.
See Appendix I/II-F

(iv) All landfill facilities within a six-mile radius of any small general service airport runway or within a five-mile radius of any large general public commercial airport runway shall be critically evaluated to determine if an incompatibility exists. Include any coordination received from the affected airport and from the FAA concerning compatibility.
n/a

(e) Will the subject landfill accept waste streams that include putrescible waste?
☑ Yes ☐ No.

(i) If the answer to subsection (e) is "Yes," address the potential for the facility to attract birds and cause significant hazards to low-flying aircraft. Guidelines regarding location of landfills near airports can be found in Federal Aviation Administration Order 5200.5(A), January 31, 1990 (or the replacement active orders, notices, and advisory circular guidelines from the FAA can be used). Facility is not near an airport.

XI. General Geology and Soils Statement and Location Restrictions - 30 TAC §330.61(j) and §§ 330.555 - 330.559

1. Discuss in general terms the geology and soils of the proposed site.

In general, the soil profile consists of a medium to highly plastic clay stratum overlying a sand/silty sand, which varies both in depth and thickness across the site. Below the silty sand, interbedded strata of stiff clays and sands/silty sands were encountered. In the lateral expansion area, the upper clay stratum has coefficients of permeability of less than 1.5 x 10-8 cm/sec.

2. Fault Areas

(a) Will the municipal solid waste landfill units at the facility or a lateral expansion of the facility be located within 200 feet of a fault that has had displacement in Holocene time?
☐Yes ☑No
If the answer is "Yes," provide demonstration to show that an alternative setback distance of less than 200 feet will prevent damage to the structural integrity of the landfill unit and will be protective of human health and the environment. Attachment No.:

(b) Is the facility located within areas that may be subject to differential subsidence or active geological faulting? ☐Yes ☑No
If the answer is "Yes," provide a detailed fault study. Attachment No.:

(c) Is an active fault known to exist within 1/2 mile of the site? ☐Yes ☑No
If the answer is "Yes," investigate the site for unknown faults and discuss its results. Attachment No.:

(d) Is the facility located in areas experiencing withdrawal of crude oil, natural gas, sulfur, etc., or significant amounts of groundwater? ☐Yes ☑No
If the answer is "Yes," investigate the site in detail for the possibility of differential subsidence or faulting that could adversely affect the integrity of landfill liners and discuss the site investigation and its results. Attachment No.:

(e) If conducted, were the studies of differential subsidence or faulting conducted under the direct supervision of a licensed professional engineer experienced in geotechnical engineering or a licensed professional geoscientist qualified to evaluate conditions of differential subsidence or faulting? ☐Yes ☐No. Explain

(f) If conducted, do the studies of differential subsidence or faulting establish the limits (both upthrown and downthrown) of the zones of influence of all active faulted areas within the site vicinity? ☐Yes ☐No. Explain

(g) If conducted, do the studies of differential subsidence include information or data addressing the following shown below, as applicable:

Table X-1. Information included in Fault Area Studies

Information to be included, as applicable:	Yes	Not Applicable
(i) structural damage to constructed facilities (roadways, railways, and buildings);	☐	☐
(ii) scarps in natural ground;	☐	☐
(iii) presence of surface depressions (sag ponds and ponded water);	☐	☐
(iv) lineation's noted on aerial maps and topographic sheets;	☐	☐
(v) structural control of natural streams;	☐	☐
(vi) vegetation changes;	☐	☐
(vii) crude oil and natural gas accumulations;	☐	☐
(viii) electrical spontaneous potential and resistivity logs (correlation of subsurface strata to check for stratigraphic offsets);	☐	☐
(ix) earth electrical resistivity surveys (indications of anomalies that may represent fault planes);	☐	☐
(x) open cell excavations (visual examinations to detect changes in subsoil texturing and/or weathering indicating stratigraphic offsets);	☐	☐
(xi) changes in elevations of established benchmarks; and	☐	☐
(xii) references to published geological literature pertaining to area conditions.	☐	☐

(h) If the site is or will be located within a zone of influence of active geological faulting or differential subsidence, does the application provide substantial evidence that the zone of influence will not affect the site?
☐Yes ☐No Attachment No.:

Address the following statement:

3. ☑ No solid waste disposal shall be accomplished within a zone of influence of active geological faulting or differential subsidence because active faulting results in slippage along failure planes, thus creating preferred seepage paths for liquids.

4. Seismic Impact Zones

(a) Is the proposed facility located in a seismic impact zone, as defined in 30 TAC §330.557?
☐Yes ☑No
Provide information to support response. Attachment No.: Part III-5

(b) For facilities located in a seismic impact zone, provide a detailed demonstration showing that all containment structures, including liners, leachate collection systems, and surface water control systems, are designed to resist the maximum horizontal acceleration in lithified earth material for the site. Attachment No.:

5. Unstable Areas

(a) Is the facility located in an unstable area, as defined in 30 TAC §330.559?
☐Yes ☑No Explain: _____

(b) If the facility is located in an unstable area, provide a demonstration that engineering measures have been incorporated into the landfill unit's design to ensure that the integrity of the structural components of the landfill unit will not be disrupted.
Attachment No.:
The demonstration considered at least the following factors:

(i) on-site or local soil conditions that may result in significant differential settling;
☐Yes ☐No

(ii) on-site or local geologic or geomorphologic features; ☐Yes ☐No and

(iii) on-site or local human-made features or events (both surface and subsurface).
☐Yes ☐No

XII. Groundwater and Surface Water - 30 TAC §330.61(k) and §330.549

1. Groundwater

Provide an attachment containing data about the site-specific groundwater conditions at and near the site, from published and open-file sources, including:

- Aquifer names and their association with geologic units described in the General Geology and Soils Statement;
- Groundwater quality, including, if available, typical values or value ranges for total dissolved solids content; and
- Present use(s) of groundwater withdrawn from aquifers at and near the site, if available.

Attachment No.: Part III-5

Address the following as applicable:

(a) Is the facility located over the Edwards Aquifer recharge zone, as defined in 30 TAC §330.549? ☐Yes ☑No.
If yes, discuss how the facility will comply with the applicable requirements in 30 TAC Chapter 213 (relating to Edwards Aquifer).

(b) A Type I or Type IAE landfill is prohibited on the recharge zone of the Edwards Aquifer; the applicant will not locate a Type I or Type IAE landfill on the recharge zone of the Edwards Aquifer. Select either statement that applies:

☑ (i) The facility is not or will not be located over the Edwards Aquifer Recharge Zone.

☐ (ii) The facility is not a Type I or Type IAE landfill.

(c) A new landfill cell or an aerial expansion of an existing landfill cell managing Class 1 non-hazardous industrial solid waste may not be located in areas described in 30 TAC § 335.584(b)(1) and (2) (relating to Location Restrictions), unless the Executive Director (ED) approves an engineered design that the applicant has demonstrated will provide equal or greater protection to human health and the environment:

(i) Does the application propose Class 1 nonhazardous industrial solid waste cells or units at the subject facility? ☑Yes ☐No

(ii) If yes, discuss how the facility would comply with the location restriction requirements under 30 TAC §335.584(b)(1) and (2). Include any applicable equivalency demonstration that would provide equivalent or greater protection to human health and the environment. Attachment No.: Part I/II Section 14.9.1

2. Surface Water

(a) Provide data on surface water at and near the site (including lakes, ponds, creeks, streams, rivers, or similar water bodies).
Attachment Nos.: Figure A-3

(b) Provide information demonstrating how the municipal solid waste facility will comply with applicable Texas Pollutant Discharge Elimination System (TPDES) storm water permitting requirements and the Clean Water Act, §402, as amended Part I/II Section 12.2- MSGP coverage

(i) The facility has obtained TPDES permit coverage under the following individual wastewater permit(s) (list permit number(s)): TXR05EI73 . A copy of the permit(s) is provided in Attachment No.: Part I/II-Appendix I , or

(ii) A certification statement indicating that the applicant will obtain the appropriate TPDES permit coverage when required.
☐Yes ☐No. Explain

XIII. Abandoned Oil and Water Wells - 30 TAC §330.61(l)

1. Water Wells

(a) Are there any existing or abandoned water wells within the facility? ☑Yes ☐No

(i) If no, move to Item No. 2 below.

(ii) If yes, address the following:

(1) Provide a map showing the water well locations, identity, status, and use. Attachment No.: Figure A-5

(2) Will all the water wells be capped, plugged, and closed prior to construction at the facility? ☑Yes ☐No.

(3) If yes, provide written certification that all such wells will be capped, plugged, and closed in accordance with all applicable rules and regulations of TCEQ or other state agency within 30 days prior to construction at the facility. Attachment No.: Sct.13

(4) If no, identify and describe the water wells that will be capped, plugged, and closed in accordance with all applicable rules and regulations of TCEQ or other state agency. Attachment No.: n/a

(5) Also, identify the wells necessary for use, and that will remain in use, for supply for operations at the facility. Attachment No.: Sct.13

(6) Are the water wells that will remain in use for supply for operations at the facility located outside of the groundwater monitoring well network and not subject to impact from landfill operations? ☑Yes ☐No. If no, explain

(7) The water wells that will remain in use for supply for operations at the facility and that are located inside of the groundwater monitoring network, but outside the landfill unit boundary, are identified in Attachment No.: for ED approval.

2. Oil and Gas Wells

(a) Are there any existing or abandoned on-site crude oil, natural gas, or other wells associated with mineral recovery under the jurisdiction of the Railroad Commission of Texas?
☐Yes ☑No

(i) If yes, address the following items:

(1) Provide a map showing well locations, identity, type, and status.
Attachment No.:

(2) Identify and annotate the oil or natural gas wells that are producing and will remain in their current state, provided such wells do not affect or hamper landfill operations.

(3) Provide written certification that all the oil and natural gas wells, other than the producing wells approved for retention, have been properly capped, plugged, and closed at the time of application in accordance with all applicable rules and regulations of the Railroad Commission of Texas.
Attachment No.:

XIV. Floodplains - 30 TAC §330.61(m)(1) and §330.547

1. Describe the location of the facility with respect to floodplains.

2. Provide a copy of the Federal Emergency Management Administration (FEMA) flood map for the area to show the facility boundary and to illustrate the information described in Section 1 above. Attachment No.: I/II-H

3. For construction of levees or other improvements associated with flood control on the proposed facility, provide data on floodplains in accordance with 30 TAC Chapter 301 Subchapter C (relating to Approval of Levees and Other Improvements). Section 12.2

4. Address the following requirements with regard to the location of the facility:

(a) Provisions to ensure that no solid waste disposal operation is conducted within the facility in areas that are located in a 100-year floodway as defined by FEMA. Section 12.2 & Appendix-H

(b) Designs that demonstrate that municipal solid waste management units, including storage and processing facilities, located in 100-year floodplains will not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain, or result in washout of solid waste so as to pose a hazard to human health and the environment.

Section 12.2 and CLOMR (Appendix-H)

(c) Demonstrate MSW storage and processing facilities shall be located outside of the 100-year floodplain unless the owner or operator demonstrates that the facility is designed and will operate to prevent washout during a 100-year storm event, or obtains a conditional letter of map amendment from FEMA. see CLOMR in Appendix-H

(d) If applicable, provide a copy of the conditional letter of map amendment (or other applicable FEMA approval) from the FEMA administrator for development within a floodplain.
see CLOMR in Appendix-H

(e) References to provisions, designs, and narratives regarding floodplains in Part III of the application. Part III Sections 2.2, 3.2, Attachment 3

XV. Wetlands - 30 TAC §330.61(m)(2) and §330.553

1. Provide a wetlands determination under applicable federal, state, and local laws and discuss wetlands in accordance with 30 TAC §330.553. Demonstration can be made by providing evidence that the facility has a Corps of Engineers permit for the use of any wetlands area. Attachment No.: Appendix F

   (a) If applicable, provide a copy of any Corps of Engineers permit issued to the applicant for the use of any wetlands area within the facility. Attachment No.:

2. Identify wetlands located within the facility boundary, attach necessary maps and drawings.

None.

3. Where new municipal solid waste landfill units, lateral expansions, material recovery operations from a landfill, and storage or processing units are to be located in wetlands, discuss the identified wetlands considering the following:

   (a) Locating the landfill units, lateral expansions, material recovery operation from a landfill, and storage or processing units away from the identified wetlands.

   (b) Steps taken to avoid impacts to wetlands to the maximum extent practicable to achieve no net loss of wetlands (as defined by acreage and function).

   (c) For unavoidable impacts:

      (i) Clearly rebut the presumption that a practicable alternative to the proposed facility or recovery operation is available that does not involve wetlands.

      (ii) Demonstrate that the construction and operation of the municipal solid waste landfill unit, material recovery operation from a landfill, and storage or processing units will not:

         (1) cause or contribute to violations of any applicable state water quality standard;

         (2) violate any applicable toxic effluent standard or prohibition under the Clean Water

         (3) jeopardize the continued existence of endangered or threatened species or result in the destruction or adverse modification of a critical habitat, protected under the Endangered Species Act of 1973; or

         (4) violate any requirement under the Marine Protection, Research, and Sanctuaries Act of 1972 for the protection of a marine sanctuary.

(iii) Demonstrate the integrity of the landfill unit and its ability to protect ecological resources by addressing the following factors showing that the municipal solid waste landfill unit or recovery operation will not cause or contribute to significant degradation of wetlands:

(1) erosion, stability, and migration potential of native wetland soils, muds, and deposits used to support the landfill unit;

(2) erosion, stability, and migration potential of dredged and fill materials used to support the landfill unit;

(3) the volume and chemical nature of the waste managed in the landfill unit;

(4) impacts on fish, wildlife, and other aquatic resources and their habitat from release of the solid waste;

(5) the potential effects of catastrophic release of waste to the wetland and the resulting impacts on the environment; and

(6) any additional factors, as necessary, to demonstrate that ecological resources in the wetland are sufficiently protected.

(iv) Demonstrate steps taken to minimize unavoidable impacts to wetlands to the maximum extent practicable.

(v) Demonstrate offsetting of remaining unavoidable wetland impacts through all appropriate and practicable compensatory mitigation actions (e.g., restoration of existing degraded wetlands or creation of man-made wetlands).

XVI. Endangered or Threatened Species - 30 TAC §330.61(n) and §330.551

1. Provide Endangered Species Act compliance demonstrations as required under applicable state and federal laws. Attachment No.: I/II-G

2. Determine and discuss whether the facility is in the range of endangered or threatened species.

Six endangered or threatened species may occur in the facility area

3. If the facility is located in the range of endangered or threatened species, provide a biological assessment prepared by a qualified biologist in accordance with standard procedures of the United States Fish and Wildlife Service (USFW) and the Texas Parks and Wildlife Department (TPWD) to determine the effect of the facility on the endangered or threatened species. Where a previous biological assessment has been made for another project in the general vicinity, a copy of that assessment may be submitted for evaluation. Attachment No.: Appendix G

4. Provide coordination correspondence with and responses from the USFW and the TPWD concerning locations and specific data relating to endangered and threatened species in Texas.

Appendix F

5. Describe how the facility will comply with recommendations from the TPWD and USFW regarding protection of endangered and threatened species.

Finding of no effect, no impact

6. Discuss the impact of the solid waste disposal facility upon endangered or threatened species:

Finding of no effect, no impact

7. Describe how the facility design, construction, and operation will not result in the destruction or adverse modification of the critical habitat of endangered or threatened species, or cause or contribute to the taking of any endangered or threatened species.

Finding of no effect, no impact

XVII. Texas Historical Commission Review 30 TAC §330.61(o)

1. Provide correspondence to and a review letter from the Texas Historical Commission documenting compliance with the Natural Resources Code, Chapter 191, Texas Antiquities Code.
   Attachment No.: Appendix F

XVIII. Council of Governments 30 TAC §330.61(p)

1. Provide documentation that Parts I and II of the application were submitted to the applicable council of governments for compliance with regional solid waste plans. Also provide a review letter if received from the applicable council of governments.
   Attachment No.: Appendix F
2. Provide documentation that a review letter was requested from any local governments as appropriate for compliance with local solid waste plans.
   Attachment No.: n/a

XIX. Easement Protections 30 TAC §330.543(a)

1. Will the applicant design and operate the facility such that no solid waste unloading, storage, disposal, or processing operations will occur within any easement, buffer zone, or right-of-way that crosses the facility? ☑Yes
2. Will the applicant design and operate the facility such that no solid waste disposal shall occur within 25 feet of the center line of any utility line or pipeline easement but no closer than the easement? ☑Yes
3. Will the applicant clearly mark all pipeline and utility easements with posts that extend at least six feet above ground level, spaced at intervals no greater than 300 feet?
   ☑Yes

XX. Buffer Zones 30 TAC §330.543(b)

1. Provide the buffer zone distance (i.e. 50 feet for Arid Exempt and Type IV landfills, 125 feet for Type I landfills) at the facility to demonstrate compliance with 30 TAC §330.543(b).

125 ft for new airspace, 50 ft for previously permitted (see I/II-Section 14.1)

2. Provide references for the application drawings and maps that clearly show the buffer zones around the facility. Attachment(s) No.: I/II- Appendix B- Drawing C001-A

XXI. Coastal Areas 30 TAC §330.561

1. A new landfill cell or an aerial expansion of an existing landfill cell managing Class 1 industrial solid waste (other than waste which is Class 1 because of asbestos content) may not be located in areas:

   (a) On a barrier island or peninsula.

   (b) Within 1,000 feet of an area subject to active coastal shoreline erosion, if the area is protected by a barrier island or peninsula, except as allowed under 30 TAC §335.584(b)(4).

   (c) Within 5,000 feet of coastal shorelines that are subject to active shoreline erosion and which are unprotected by a barrier island or peninsula, except as allowed under 30 TAC §335.584(b)(4).

2. Describe the location of the facility with regard to distance to coastal shoreline subject to active shoreline erosion.

The facility is not located in an area of active shoreline erosion and is approximately 15 miles from Lavaca Bay

XXII. Type I and Type IV Landfill Permit Issuance Prohibited – 30 TAC §330.563

Address the following statements.

1. The commission may not issue a permit for a Type IV landfill that is subject to the conditions specified in Texas Health and Safety Code, §361.122, Denial of Certain Landfill Permits. Is the proposed facility a Type IV landfill located in the area subject to the referenced statute?
   ☐Yes ☑No Explain Not a Type IV facility (n/a)

2. The commission may not issue a permit for a Type I or Type IV landfill that is subject to the conditions specified in Texas Health and Safety Code, §361.123, Limitation on Locations of Municipal Solid Waste Landfills. Is the proposed facility a Type I or Type IV landfill located in the area subject to the referenced statute?
   ☐Yes ☑No Explain Facility is not in 123(a) area, and is an expansion 123(d)

Attachments

Table Att-1. Required Attachments

Attachments	Attachment No.
Existing Conditions Summary	I/II Report
Waste Acceptance Plan Form	Appendix C
General Location Maps	Appendix A
Facility Layout Maps	Appendix B
General Topographic Maps	Appendix A
Aerial Photographs	Appendix A
Land Use Map	Appendix A
Transportation and Airport Safety Form	Vol 1 Form
Federal Aviation Administration Coordination Letters, if applicable	Appendix F
Entity Exercising Maintenance Resp. of Public Roadway, if applicable	n/a
Fault Lines, if applicable	n/a
Seismic Impact Zones, if applicable	n/a
Unstable areas, if applicable	n/a
Site Specific Groundwater Conditions	I/II Report
Site Specific Surface Water Conditions	I/II Report
Texas Pollutant Discharge Elimination System (TPDES)	Appendix I
Abandoned Oil and Water Wells, if applicable	Appendix A
FEMA Map	Appendix G
Facility Design Demonstration for Flood Map, or Conditional Letter of Map Amendment from FEMA, if applicable	Appendix H
Wetland Documentation, if applicable	Appendix G
Endangered or Threatened Species Documents, if applicable	Appendix G
Texas Historical Commission Letter(s)	Appendix F
Council of Governments/Local Governments Review Request Coordination Letter(s)	Appendix F
Buffer Zones	Appendix B
Others (describe):	
Others (describe):	
Others (describe):	
Confidential Documents, if applicable	

Instructions

Who Should Use This Form

Use this form to provide information required by 30 TAC §330.61 and Chapter 330, Subchapter M for Part II of a Municipal Solid Waste (MSW) Permit application. Indicate attachment numbers where requested and complete the list of attachments at the end of this form.

If you have any questions about preparing an application, please contact the MSW Permits Section at (512) 239–2335, or by e-mail to mswper@tceq.texas.gov.

Where to Submit this Form and Get Help

In accordance with 30 TAC § 330.57(e), submit the original and three copies of the permit application (of which includes this completed form and attachments that comprise Part II of the application) to the Municipal Solid Waste Permits Section, MC124, TCEQ, P.O. Box 13087, Austin, TX 78711-3087.

Application Submittal

For all submittals, provide the Facility Name, Permittee/Registrant Name, MSW Authorization No., and dates in the form header. For initial submittals of new facilities for which TCEQ has not yet assigned an authorization number, leave "MSW Authorization No." in the form header blank.

For all notice of deficiency responses (NODs), (administrative and/or technical), submit the original plus three (3) copies of the response package which includes the following Part II items (to the extent there are revisions to Part II of the application)

1. all revised pages of this form and/or attachments to Part II; and
2. marked (redline/strikeout) copy of the revised pages of this form and/or attachments to Part II.

Refer to each administrative and/or technical NOD letter for a complete list of instructions for the contents and submittal requirements of the response package, including but not limited to instructions for applicant certification of the NOD response submittal.

Engineer Seal and Firm Number

Include the seal, date, and signature of the engineer preparing the application; and the firm number; on the title page and table of contents of the permit application as required by the Texas Engineering Practice Act and as indicated in 30 TAC §330.57(g). Additionally, the responsible engineer shall seal, sign, and date; and include the firm number; the title page of each bound engineering report or individual engineering plan in the application, each engineering drawing, and other applicable engineering parts of the application as required by the Texas Engineering Practice Act and as indicated in 30 TAC §330.57(f).

Confidential Documents

The Commission has a responsibility to provide a copy of each application to other agencies and to interested persons upon request and to safeguard confidential material from becoming public knowledge. Thus, the Commission requests that the applicant: (1) be prudent in the designation of material as confidential and (2) submit such material only when essential to the review.

The Commission suggests that the applicant ***not*** submit confidential information as part of the application. However, if these cannot be avoided, the confidential information should be described in non-confidential terms throughout the application, cross-referenced, and submitted as a separate document or binder, and clearly marked "CONFIDENTIAL".

Reasons of confidentiality include the concept of trade secrecy and other related legal concepts which give a business that right to preserve confidentiality of business information to obtain or retain advantages from its right in the information. This includes authorizations under, 18 U.S.C. 1905 and special rules cited in 40 CFR Chapter I, Part 2, Subpart B.

The applicant may elect to withdraw any confidential material submitted with the application. However, the permit cannot be issued, amended, or modified if the application is incomplete.

Required Attachments

Existing Conditions Summary

Follow instructions included in Item II of this Part II Application Form by attaching a narrative summary describing the requested existing conditions information.

Waste Acceptance Plan

Follow the instructions included in the Type I or Type IV Waste Acceptance Plan Form, TCEQ Forms 20873 or 20890, and attach completed form.

General Location Maps

When including multiple maps, provide maps as an attachment and include drawing number in the space provided. Include Notes section, as needed, to describe information on drawings.

Facility Layout Maps

Provide a set of maps or drawings showing the items listed under 30 TAC §330.61(d). When including multiple maps, provide maps as an attachment and include drawing number in the space provided. Include Notes section, as needed, to describe information on drawings.

General Topographic Maps

Provide a set of maps or drawings showing the items listed under 30 TAC §330.61(e). When including multiple maps, provide maps as an attachment and include the drawing number. Include Notes section, as needed, to describe information on drawings. Attach a general location map of the facility at a scale of one-inch equals 2,000 feet by using a United States Geological Survey 7 1/2-minute quadrangle sheet or equivalent as the base map.

Aerial Photographs

Provide a set of maps or drawings showing the items listed under 30 TAC §330.61(f). When including multiple maps, provide maps as an attachment and include the drawing number. Include Notes section, as needed, to describe information on drawings.

Land Use Map

Provide a constructed map (built-up condition) showing the facility boundary and any existing zoning on or surrounding the property and actual uses both within the facility and within one mile of the facility. The built-up condition should be the final condition of the facility once complete. The map should indicate location of residences, commercial establishments, schools, licensed day-care facilities, churches, cemeteries, ponds or lakes, and recreational areas within one mile of the facility.

Impact on Surrounding Area

Provide information addressing the proposed facility's impacts on cities, communities, group of property owners, or individuals. Fill out the tables provided, as applicable.

Published Zoning Map

If the facility requires approval as a nonconforming use or needs a special permit from a local government having jurisdiction, provide a copy of the approval or permit. If available, provide a published zoning map for the facility and within one mile of the facility for the county or countries in which the facility is or will be located.

Transportation and Airport Safety

Follow the instructions included in the Transportation Data and Coordination Report, TCEQ Form 20719, and attach completed form. Follow Federal Aviation Administration (FAA) notification requirements regarding obstruction evaluation (OE) and provide FAA response prior to commencement of construction.

Texas Pollutant Discharge Elimination System (TPDES)

Provide a copy of the Texas Pollutant Discharge Elimination System authorization for off-site discharge of storm waters.

Federal Emergency Management Agency (FEMA) Map

Provide a FEMA map that shows the location of the facility.

Facility Design Demonstration for Flood Map, or Conditional Letter of Map Amendment from FEMA, if applicable

Provide documentation that the facility is designed and will be operated in a manner to prevent washout of waste during a 100-year storm event, or provide a copy of a conditional letter of map amendment from FEMA, if applicable.

Wetland Documentation, if applicable

Provide a copy of the documentation required under Clean Water Act, §404 or applicable state wetlands laws, that steps have been taken to attempt to achieve no net loss of wetlands, if applicable.

Endangered or Threatened species documents, if applicable

Provide documentation required under the Endangered Species Act, demonstrating compliance as required under state and federal law and determine whether the facility is in the range of endangered or threatened species. The United State Fish and Wildlife Service and the Texas Parks and Wildlife Department shall be contacted for locations and specific data relating to endangered and threatened species in Texas. Where a previous biological assessment has been made for another project in the general vicinity, a copy of that assessment may be submitted for evaluation. Include the resume of the qualified biologist who performed the assessment.

Texas Historical Commission Letter

Provide a copy of the documentation required from the Texas Historical Commission documenting compliance with the Natural Resources Code, Chapter 191, Texas Antiquities Code.

Council of Governments Review Request Coordination Letters

Provide copy of the documentation that a review of the application was requested from the applicable council of governments, and local government if applicable. A review letter from these entities are not required to be submitted and is not a prerequisite to a final determination on a permit application. Go to the Texas Association of Regional Councils webpage to determine which council of governments applies.

Buffer Zones

Provide the buffer zone distance (i.e. 50 feet for Arid Exempt and Type IV landfills, 125 feet for Type I landfills) to demonstrate compliance with buffer zone requirements.

Texas Commission on Environmental Quality

Transportation Data and Coordination Report Form for Municipal Solid Waste Type I Landfills

This form is for use by applicants or site operators of Municipal Solid Waste (MSW) Type I landfills to provide data and information to address the availability and adequacy of access roads to a landfill site, the volume of vehicular traffic on and generated by the facility on area roadways, and to provide coordination information as required under 30 TAC §330.61(i). Roadways that provide primary access to a landfill facility must be adequate and possess appropriate design capacity to safely accommodate the additional volumes and weights of traffic generated or expected to be generated by this landfill facility during its active life. Data provided in this form should correspond with data contained in the coordination documents submitted to the Texas Department of Transportation or other agency that has jurisdiction over affected area roads.

If you need assistance in completing this form, please contact the Municipal Solid Waste Permits Section of the Waste Permits Division at (512) 239-2335.

I. General Information

Facility Name: City of Victoria Landfill

MSW Permit No.: MSW# 1522-A

Site Operator/Permittee Name and Mailing Address: Republic Waste Service of Texas, Ltd.

10554 Tanner Road

Houston, Harris County, TX 77041

II. Documentation of Coordination with the Texas Department of Transportation (TXDOT) for Traffic and Location Restrictions

1. A traffic study document and cover letter was submitted to TXDOT as Coordination for traffic and location restrictions for the subject facility and a copy of the documents submitted to TXDOT is attached herein: ☒ Yes ☐ No

   If you checked "No" , provide explanation:

2. Date of submission of the coordination documents to TXDOT: 5/21/2021

3. TXDOT's response received? ☒ Yes ☐ No

4. If "No" is checked in response to Item I.3 above, complete Items I.4 and I.5 below only after TxDOT's response is received.

5. Did TxDOT's response include recommendation of improvements to any of the roadways or intersections that lead to the site? ☐ Yes ☒ No

6. If you checked "Yes" in Item I.5 above, proceed to Section III., TxDOT's Recommended Roadway or Intersection Improvements (as applicable).

7. If you checked "No" in Item I.5 above, provide TxDOT's response to the traffic and location restrictions compliance coordination for the subject site: *(Enter TxDOT's response to coordination correspondence)*

III. TxDOT Recommended Roadway or Intersection Improvements (as applicable)

Enter TxDOT's recommendations for improvement of roadways or intersections that lead to the site:

1. n/a

2. n/a

3. n/a

IV. Documentation of Coordination of Improvement Designs of Public Roadways *(e.g., Turning Lanes, Storage Lanes, Acceleration/Deceleration Lanes, etc.)* at and Near the Site Entrances with Agencies that Exercise Maintenance Responsibility

1. Complete Table 1 with information regarding documentation of coordination of improvement designs for existing and proposed roads.

Table 1: Public Roadway Improvements Coordination

Existing and Proposed Roads Associated with the Site Entrance(s)	Agency Exercising Maintenance Responsibility	Date of Coordination Correspondence from the Applicant or Site Operator to the Agency Responsible	Date of the Coordination Response Letter from the Agency Responsible	Did the Agency Responsible Require Improvements to the Roadway(s) Associated with the Site Entrance(s) (check Yes or No as applicable)
				☐Yes ☐No
				☐Yes ☐No
				☐Yes ☐No

Existing and Proposed Roads Associated with the Site Entrance(s)	Agency Exercising Maintenance Responsibility	Date of Coordination Correspondence from the Applicant or Site Operator to the Agency Responsible	Date of the Coordination Response Letter from the Agency Responsible	Did the Agency Responsible Require Improvements to the Roadway(s) Associated with the Site Entrance(s) (check Yes or No as applicable)
				☐Yes ☐No

2. If you checked "Yes" in the last column of Table 1, indicating that improvements are required, address the following:

   (a) Briefly describe the improvements proposed for the public roadway(s) associated with the site entrance(s):

   (b) A copy of the proposed improvement design submitted to the agency exercising maintenance responsibility over the roadway is attached herein: ☐Yes ☐No. If you checked "No" please explain:

   (c) A copy of the response letter from the agency exercising maintenance responsibility over the roadway(s) associated with the site entrance(s) approving the improvement design is attached herein: ☐Yes ☐No. If you checked "No" please explain:

V. Facility Location and Operation Information Used in Estimating Transportation Data

1. Facility Location Information

18545 FM 1686

Victoria, Victoria County, TX 77905

2. Waste Acceptance Rates

   (a) Initial Waste Acceptance Rate: 150,000 tons per year

   (b) Estimated Maximum Waste Acceptance Rate at any Time During Facility Life: 200,000 tons per year

3. Hours of Operation and Site Life

   (a) a. Operating Hours: 8am – 5pm

(b) b. Waste Acceptance Hours: 8am – 4:30pm

(c) c. Estimated Site Life: 90+ years

4. Other Information Used or Assumed in Estimating Transportation Data:

VI. Facility Daily Traffic Volume Data

1. Complete Table 2 with estimated existing daily volume of traffic generated by the facility.

Table 2: Estimated Existing Daily Volume of Traffic Generated

Vehicle Type	Traffic Volume to Facility (vehicles per day, vpd)	Traffic Volume from Facility (vpd)
Trucks	85	85
Employee Vehicles	8	8
Visitors Vehicles	2	2
Other Vehicles	0	0
Summation of Daily Volume of Traffic to and from the Facility		
Total Daily Volume of Traffic	95	95

(a) Describe the source(s) of or method(s) used to obtain the existing daily volume of traffic generated by the facility: Traffic estimated based on historical tonnage accepted (154,677 tons in FY19) and typical waste collection and transfer vehicle capacities. Employee vehicle count based on Site Operating Plan

(b) Location(s) of traffic counts (if applicable):

2. Complete Table 3 with estimated future daily volume of traffic generated by the facility.

Table 3: Estimated Future Daily Volume of Traffic Generated

Vehicle Type	Traffic Volume to Facility (vpd)	Traffic Volume from Facility (vpd)
Trucks	90	90
Employee Vehicles	8	8
Visitors Vehicles	2	2
Other Vehicles	0	0
Summation of Daily Volume of Traffic to and from the Facility		
Total Daily Volume of Traffic	100	100

3. Describe the method(s) used to obtain the estimated future daily volume of traffic generated by the facility, including dates, traffic growth rates, and sources of the

growth rates: Future daily volume estimated based on no anticipated change in waste volumes in the short term.

4. Maps showing the facility boundary and roads within 1 mile of the facility that provide access to the site are attached herein. Yes ☒ No☐. If you checked "No" please explain:

VII. Availability and Adequacy of Roads

1. Complete Table 4 with information regarding the primary access roadways.

Table 4: Roadway Characteristics of the Primary Access Roadways

List the roads that the owner or operator will use as primary access to the site	Existing Annual Average Daily Traffic on Roadway (vpd)	Expected Annual Average Daily Traffic on Roadway (vpd)	Existing Roadway Capacity	Expected Roadway Capacity	Max Gross Weight Allowed (lbs)	Max/Min Posted Speed Limit (mph)	Min Vertical Clearance (ft)	Surface Type and No. of Lanes	Level of Service	Existing Traffic Generated by the Facility on Each Roadway	Expected Traffic Generated by the Facility on Each Roadway
FM1686	744	744	N/A	N/A	58,420	60	N/A	Surface Treatment Pavement. Two Lane	N/A	95	100
SH-185	10,372	10,372	N/A	N/A	80,000	55	N/A	Thick Asphaltic Concrete (Over 5.5 in). Four lanes.	N/A	55	58
US-87	13,261	13,261	N/A	N/A	80,000	75	N/A	Composite (asphalt surfaced concrete)-South. Thick Asphaltic Concrete (over 5.5 in) -North Four lanes.	N/A	40	42

2. Complete Table 5 with information regarding other access roadways within one mile.

Table 5: Roadway Characteristics of Other Access Roadways within One Mile of the Facility Boundary

List other access roadways within 1 mile of the facility	Existing Annual Average Daily Traffic on Roadway	Expected Annual Average Daily Traffic on Roadway	Existing Roadway Capacity	Expected Roadway Capacity	Max Gross Weight Allowed (lbs)	Max/Min Posted Speed Limit (mph)	Min Vertical Clearance (ft)	Surface Type and No. of Lanes	Level of Service	Existing Traffic Generated by the Facility on Each Roadway	Expected Traffic Generated by the Facility on Each Roadway
McCoy Road	N/A	N/A	N/A	N/A	N/A	60	N/A	Gravel. One Lane.	N/A	N/A	N/A

List other access roadways within 1 mile of the facility	Existing Annual Average Daily Traffic on Roadway	Expected Annual Average Daily Traffic on Roadway	Existing Roadway Capacity	Expected Roadway Capacity	Max Gross Weight Allowed (lbs)	Max/Min Posted Speed Limit (mph)	Min Vertical Clearance (ft)	Surface Type and No. of Lanes	Level of Service	Existing Traffic Generated by the Facility on Each Roadway	Expected Traffic Generated by the Facility on Each Roadway
Pickering Rd W	N/A	N/A	N/A	N/A	N/A	60	N/A	Gravel. One Lane	N/A	N/A	N/A
Ripple Rd	N/A	N/A	N/A	N/A	N/A	60	N/A	Gravel. One Lane	N/A	N/A	N/A
Phillips Rd	N/A	N/A	N/A	N/A	N/A	60	N/A	Surface Treatment Pavement. One Lane.	N/A	N/A	N/A

3. Complete Table 6 with information regarding access roadway intersections within one mile.

Table 6: Roadway Intersection Characteristics

Please list major (signalized) roadway intersections for access roads within 1 mile of facility	Existing Capacity	Existing Level of Service
N/A		

4. (For applicants that conducted traffic counts) Peak period traffic counts were conducted at critical intersections and roadways in the area: ☐ Yes ☐ No

   If "No" is checked, please explain:

VIII. Conclusions on the availability and adequacy of roads to be used for accessing the facility

Enter conclusions regarding the availability and adequacy of roads to be used for accessing the facility using information obtained from access roadway data; data on the volume of existing and expected vehicular traffic on the access roads within one mile of the facility; and the projection of the volume of traffic expected to be generated by the facility on the access roads**:**

All site traffic will enter from FM 1686 via Texas Highway 185 or U.S. Highway 87. Texas Highway 185, and U.S. Highway 87 have no weight loading restrictions, beyond the legal limit of 80,000 pounds per vehicle as prescribed by law. The current load rating of FM 1686 is 58,420 pounds, which is adequate to handle

existing waste vehicles which have a gross weight of approximately 45,000 to 54,000 pounds.

It is estimated that at peak filling rates, the maximum truck traffic will be approximately 100 vehicles per day. This maximum vehicle traffic rate remains unchanged since the 1997 permit, and traffic volumes have not materially changed in at least 20 years. The proposed expansion is designed to increase landfill life and is not anticipated to materially change traffic or waste volumes in the near term. The average daily volume of traffic for access roads within 1-mile of the facility, based on the Texas Department of Transportation (TxDOT) Traffic Count Database System (TCDS), are 744 vehicles for FM 1686 and 10,372 vehicles for State Highway 185. The traffic count as discussed above includes the current vehicle traffic at the landfill (an estimated maximum of 100 vehicles per day). Additionally, correspondence from TxDOT, dated May 21, 2021, states that the TxDOT Yoakum District has reviewed the proposed expansion and staff do not anticipate any adverse impacts as a result of the project. Correspondence with TxDOT is included in Part I/II, Appendix I/II-F.

IX. Highway Beautification

Enter facility distance from interstate or primary highways and screening information as required by 30 TAC 330.23(a).

1. Distance of Facility from Interstate or Primary Highway: 2.3 miles from US-87

2. Type of Facility Screening Provided, if applicable:

X. Analysis of the Impact of the Facility upon Airports

Enter the Part, Appendix, Attachment, Section, and Page Number of the application where analysis of the impact of the facility upon airports is provided: Part I/II, Section 10.2, Page I/II-44, and evaluation using the FAA's notice criteria tool and resulting FAA coordination letter is provided in Part I/II-Appendix F beginning on page Appendix F-3.

XI. Documentation of Coordination with the Federal Aviation Administration for Compliance with Airport Location Restrictions

1. Applicant has submitted written information to FAA describing the facility location, maximum height of waste units, type of waste accepted at the facility, and other facility-relevant data and information as required: ☒ Yes ☐ No

   (a) Enter Date of Coordination Letter to FAA: 6/15/2021

   (b) Enter Date of FAA Response: 6/16/2021

2. Indicate FAA Response and Final Action:

☒ FAA Acknowledged No Adverse Impact.

☐ FAA Recommended Safety Improvements. (Complete Section XII if you check this item.)

3. A copy of the Documentation of Coordination with FAA for compliance with airport location restrictions is attached herein. ☒Yes ☐No. If you checked "No" please explain:

XII. FAA Recommended Changes or Improvements for Airport Safety, (as applicable)

Enter FAA's recommended changes or improvements to the facility for airport safety or for compliance with airport location restrictions.

n/a

XIII. Attachments

- Maps showing the facility boundary and roads within 1 mile of the facility.
- Documentation of coordination of all designs of proposed public roadway improvements associated with site entrances with the agency exercising maintenance responsibility of the public roadway involved; and the response letter received from the agency, as applicable.
- Documentation of coordination with the Texas Department of Transportation (TxDOT) for traffic and location restrictions, including any traffic study report; and the response letter received from TxDOT.
- Documentation of coordination with the Federal Aviation Administration for compliance with airport location restrictions; and the response letter received from FAA.
- Other documents attached:

Part I/II Landfill Permit Amendment Existing Conditions Summary and Supplementary Technical Report TCEQ MSW Permit No. 1522B

City of Victoria, Texas

City of Victoria Landfill Lateral and Vertical Expansion
Project No. 107608

Revision 0, March 28, 2022

Part I/II Landfill Permit Amendment Existing Conditions Summary and Supplementary Technical Report TCEQ MSW Permit No. 1522B

prepared for

City of Victoria, Texas
City of Victoria Landfill Lateral and Vertical Expansion
Victoria County, Texas

Project No. 107608

Revision 0
March 28, 2022

prepared by

Burns & McDonnell Engineering Company, Inc.
8911 N Capital of Texas Hwy, Building 3, Suite 3100
Austin, Texas 78759
Texas Firm Registration No. F-845

INDEX AND CERTIFICATION

City of Victoria, Texas
Part I/II Landfill Permit Amendment Existing Conditions Summary and Supplementary Technical Report
TCEQ MSW Permit No. 1522B
Project No. 107608

Report Index

Certification

I hereby certify, as a Professional Engineer in the state of Texas, that the information in this document was assembled under my direct personal charge. This report is not intended or represented to be suitable for reuse by the City of Victoria, Texas or others without specific verification or adaptation by the Engineer.

TABLE OF CONTENTS

Page No.

LIST OF TABLES

Page No.

LIST OF ABBREVIATIONS

Abbreviation	Term/Phrase/Name
ags	Above ground surface
amsl	Above mean sea level
Burns & McDonnell	Burns & McDonnell Engineering Company, Inc.
C&D	Construction and demolition
CDP	Census designated place
CFC	Chlorofluorocarbon
City	City of Victoria, Texas
COG	Council of Government
cy	Cubic yard
FIRM	Flood Insurance Rate Map
FM 1686	Farm-to-Market Road 1686
ft	Feet
FY	Financial year
GCRPC	Golden Crescent Regional Planning Commission
Landfill	City of Victoria Landfill
MSW	Municipal solid waste
NHD	National Hydrography Dataset
NHIW	Non-hazardous industrial waste
NRACM	Non-regulated asbestos-containing material
PCB	Polychlorinated biphenyl
RACM	Regulated asbestos-containing material

Abbreviation	Term/Phrase/Name
RN	Registration number
SDP	Site Development Plan
SOP	Site Operating Plan
TAC	Texas Administrative Code
TCEQ	Texas Commission on Environmental Quality
TNRCC	Texas Natural Resources Conservation Commission (now TCEQ)
TRC	Texas Railroad Commission
TWDB	Texas Water Development Board
TXDOT	Texas Department of Transportation
USGS	United States Geological Survey
WAP	Waste Acceptance Plan

1.0 INTRODUCTION

The purpose of this Major Permit Amendment is to secure authorization to expand the existing City of Victoria Landfill (Landfill), Texas Commission on Environmental Quality (TCEQ) Municipal Solid Waste (MSW) Landfill Permit No. 1522A (Landfill). The proposed permit amendment will increase the height of fill in a portion of the existing permitted waste footprint, expand the waste footprint laterally into the adjacent property, and allow for the option of below-grade Class 1 non-hazardous industrial waste (NHIW) within the lateral expansion area. The permit amendment will result in both a vertical and lateral expansion. The height of the existing Landfill will be increased from 144 feet above mean sea level (amsl) to 168 feet amsl. The lateral expansion will have a maximum final cover height of approximately 188 ft amsl. Currently, there is approximately 6.07 million cubic yards of airspace remaining. The proposed lateral and vertical expansions will add approximately 35.9 million cubic yards of additional airspace, providing for long term solid waste disposal planning for the City of Victoria, Victory County, and the extended Golden Crescent Regional Planning Commission (GCRPC) area.

General activities to occur at the facility include but are not limited to:

- Acceptance and disposal of municipal solid waste and industrial wastes;
- Excavation and earth moving for cell construction;
- Construction and quality assurance of composite liner system and composite final cover system;
- Excavation of soils and application thereof for daily, intermediate, and/or final cover;
- Maintenance of equipment, roads, and working face;
- Environmental monitoring.

The Landfill consists of a perimeter fence, a scale house, all-weather roads, borrow areas, soil stockpiles, landfill gas collection system, gas monitoring wells, landfill gas-to-energy system, groundwater monitoring wells, leachate collection and leachate storage tanks, and solid waste disposal area, and stormwater controls. Composting activities occur on an adjacent parcel owned by the City but operated by a third-party (Texas Landfill Management LLC) and permitted through a separate registration (Registration 42034). The composting parcel is located within the expansion area footprint and will be relocated to another parcel coincident with Landfill expansion of the permit boundary.

The General Application Requirements (Part I) and Existing Conditions (Part II) sections of this permit amendment application for the Landfill have been prepared in accordance with the State of Texas requirements set forth in Title 30 Texas Administrative Code (TAC) Sections 330.57, 330.59, 330.61, and

305.45. Part II has been combined with Part I in accordance with 30 TAC 330.57(c)(2). Section 2.0 of this report presents an overview of the project and a detailed facility description, as well as the types of waste that will be accepted at the facility. The remaining portions of Parts I and II present information on specific existing conditions on and around the site, and regulatory matters related to the TCEQ MSW Landfill Permit Amendment Application process.

2.0 GENERAL INFORMATION

2.1 Facility Description

The Landfill is a Type I MSW landfill serving the City and surrounding communities in the Golden Crescent Regional Planning Commission area (Calhoun, Dewitt, Goliad, Gonzales, Jackson, Lavaca, and Victoria Counties). Existing and permitted conditions for the current Landfill footprint are shown in Drawing C001 in Appendix B.

The Landfill currently receives approximately 155,000 tons per year of waste. To extend the life of this facility, the proposed permit amendment includes a lateral expansion to the South extent of the current footprint and a vertical expansion over portions of the existing Landfill footprint (currently permitted Trench 7 and 8). The proposed permit amendment also includes the option to accept Class 1 NHIW for below-grade disposal in the expansion area.

The total remaining available waste disposal capacity of the Landfill is approximately 6.4 million cubic yards. The proposed expansion would increase the disposal capacity by approximately 36.1 million cubic yards, for a total of approximately 42.5 million cubic yards. Detailed site capacity and Landfill life calculations are presented in Part III Site Development Plan (SDP).

2.2 Size and Location of Facility [30 TAC 330.59(b)]

This Type I Municipal Solid Waste Management Facility is located on an approximately 515-acre site owned by the City of Victoria, and located 0.75 miles east of the intersection of FM 1686 and State Highway 185 in Victoria County, Texas. The physical address is 18545 FM 1686, VICTORIA, TX 77905. A general site map is provided in Appendix A. The legal description of metes and bounds is provided in Appendix D.

Coordinates and Elevation of Site Permanent Benchmark:

Latitude: 28° 41' 36" North
Longitude: 96° 54' 23" West
Elevation: 64.97 feet above mean sea level (amsl)

2.3 Existing Conditions Summary [30 TAC 330.61(a)]

A portion of the site is currently operating as a Type I Municipal Solid Waste Landfill in accordance with TCEQ Municipal Solid Waste Rules and Regulations. The site's existing permitted waste footprint consists of approximately 134.3 acres, most of which contains waste. This permit amendment would add

approximately 225.4 acres of additional waste disposal area to the south of the existing Landfill, for a total permitted waste disposal area of approximately 360 acres.

2.3.1 Facility History

The Landfill was originally permitted with a start date of June 29, 1982 and includes both pre-Subtitle D and Subtitle D disposal areas. The pre-Subtitle D disposal cells are in the western half of the Landfill, with Subtitle D areas overlying the pre-Subtitle D waste.

The proposed expansion layout (shown in Drawings in Appendix B) was chosen to extend Landfill life while minimizing potential construction and maintenance issues that may arise from filling on top of existing infrastructure on the southern portion of the existing Landfill. The general expansion approach is to tie into the currently undeveloped Trenches 7 and 8 of the existing Landfill. The existing waste containment system for these fill areas is described in Sections 2.3.2 through 2.3.4, below, to provide existing conditions relevant to the proposed expansion. Additional design considerations specific to the option for below-grade disposal of Class 1 wastes are discussed in Section 14.9.1. Full design details are presented in Part III Site Development Plan (SDP).

2.3.2 Existing Liner System

The existing liner system's design follows the TCEQ prescriptive composite liner system as described in 30 TAC 330.331. The composite system consists of the following from top to bottom:

- 60-mil high density polyethylene geomembrane, and
- 2 feet of compacted soil liner with a maximum hydraulic conductivity of 1×10^{-7} centimeters per second (cm/s).

2.3.3 Existing Leachate Collection System

The existing leachate collection system consists of one of two options:

- 12 inches of granular drainage sand material with minimum hydraulic conductivity of $1x10^{-2}$ cm/sec and 12 inches of protective cover soil; or
- 200-mil double-sided geocomposite drainage layer overlain with 24 inches of protective cover soil.

Chimneys (areas of higher hydraulic conductivity) are required to be employed if protective cover permeability is less than $1x10^{-4}$ cm/sec.

2.3.4 Existing Landfill Gas Management System

The existing landfill gas management system consists of gas monitoring probes surrounding the currently permitted area of the Landfill, and gas extraction wells installed on the western half of the existing Landfill area where existing permitted final grades have been met. The existing system is connected with various lateral collection lines flowing into the main header pipe. Additionally, an air line and condensate forcemain are buried with the header and in branches across the Landfill. The air line provides compressed air to the pneumatic pumps in the sumps at each low point around the Landfill, and the condensate is pumped out of the sumps and into the condensate force main, which is collected at the leachate holding tanks at the north end of the site for hauling offsite for disposal at a wastewater treatment plant (WWTP). The landfill gas is collected and beneficially utilized off-site or combusted at the flare skid at the north end of the site.

The construction and operation of the facility shall comply with Subchapter U of 30 TAC Chapter 330 (relating to Standard Air Permits for Municipal Solid Waste Landfill Facilities and Transfer Stations) or other approved air authorizations.

2.4 Waste Acceptance Plan (WAP) [30 TAC 330.61(b)]

2.4.1 Sources and Characteristics of Wastes

The TCEQ Waste Acceptance Plan Form Type I and Type IAE Landfill Facilities and Waste Acceptance Plan document are provided in Appendix C. Waste acceptance procedures are described in more detail in Part IV Site Operating Plan.

As noted above, this permit amendment seeks to allow the option for below-grade disposal Class 1 waste in the proposed lateral expansion area (Cells A1 through I2 as shown in Appendix B and discussed in detail in the Part III Site Development Plan (SDP)). Class 1 NHIW materials (as classified by 30 TAC §335.505) will be accepted only for below-grade disposal in dedicated cells designed and constructed in accordance with the requirements of 30 TAC §330 and 30 TAC §335 related to disposal of Class 1 industrial solid waste in Type I MSW landfill units. Details for dedicated cells for below-grade Class 1 disposal are shown in Part III SDP.

Consistent with 30 TAC §330.173(e), Class 1 wastes will not be disposed "in excess of 20 percent of the total amount of waste (not including Class 1 wastes) accepted during the current or previous year."

Regulated hazardous waste, except for waste from conditionally exempt small quantity generators, will not be accepted at this facility. Polychlorinated biphenyl (PCB) waste(s) as defined in 30 TAC §330.3,

Class 2 industrial solid waste that interferes with site operations, radioactive wastes, lead-acid batteries, Chlorofluorocarbon (CFC)-containing equipment, whole tires, and used oil and oil filters will not be accepted at this facility.

See Appendix C for the TCEQ Waste Acceptance Plan Form Type I and Type IAE Landfill Facilities and the proposed amended WAP for the Landfill. Waste acceptance procedures are described in more detail in Part IV Site Operating Plan and Part IV- Attachment B- Special Waste Acceptance Plan.

2.4.2 Service Area and Population Equivalent

The Landfill is presently the only active Type I MSW landfill in the Golden Crescent Regional Planning Commission (GCRPC). As such, it provides solid waste disposal for the counties of Calhoun, Dewitt, Goliad, Gonzales, Jackson, Lavaca, and Victoria. The current and projected populations for the service area are shown in Table I/II-1 below, based on Texas Water Development Board (TWDB) population projections.

Table I/II-1: Current and Projected Service Area Population

County Name	2020	2030	2040	2050
CALHOUN	24,037	26,866	29,622	32,276
DEWITT	20,855	21,555	21,900	22,216
GOLIAD	8,427	9,519	10,239	10,545
GONZALES	21,751	23,921	25,963	28,330
JACKSON	14,606	15,119	15,336	15,515
LAVACA	19,263	19,263	19,263	19,263
VICTORIA	93,857	100,260	105,298	109,785
TOTAL	**202,796**	**216,503**	**227,621**	**237,930**

The estimated maximum amount of solid waste to be accepted annually for the facility are shown in Table I/II-2 below. These estimates are not permit limits. Values were approximated based on a disposal rate of 5 lbs/person-day for the entire population of the GCRPC service area in 2020 (202,796 persons). Long term, the amount and types of wastes accepted at the facility will also depend on the commercial and industrial trends in the surrounding communities.

Table I/II-2: Estimated Maximum Annual Waste Acceptance Rate

Year	Maximum Annual Waste Acceptance (tons per year)
2021	185,000
2022	185,000
2023	185,000
2024	185,000
2025	185,000

In FY 2019, the Landfill accepted 154,677 tons of waste for disposal, or approximately 595 tons per day average over 260 operating days. Solid waste may be accepted for disposal at this site at a rate of approximately 711 tons per day, but is not limited to this amount. Waste acceptance rates in excess of this amount are not anticipated in the near future given historical waste acceptance and projected growth rates in the area (as presented in Part I/II-Section 9.0). If the annual waste acceptance rate exceeds this rate, and the waste increase is not due to a temporary occurrence, the City will file an application to modify the permit application, including the revised estimated waste acceptance rate, in accordance with § 305.70(k), within 90 days of the exceedance as established by the sum of the previous four quarterly summary reports, proposing any needed changes in the site operating plan to manage the increased waste acceptance rate.

2.5 Internet Posting

As required by 30 TAC §330.57(i), a complete copy of this permit amendment application will be posted to the internet at the following publicly accessible website link: https://info.burnsmcd.com/tceq-permits-city-of-victoria-landfill. Any future revisions and/or supplements to this application will be posted at the same website link. This internet posting is for informational purposes only.

2.6 Existing Permits/Authorizations

As required by TAC §305.45(a)(7), the related permits and authorizations for the Landfill facility are summarized in the Part I Form submitted with this application. Details are shown in Table I/II-3.

Table I/II-3: Summary of Existing Permits/Authorizations[1]

Program	Type	Permit Number	Status
Air New Source Permits	Registration	81012	Active
Air Operating Permits	Permit	1451	Active

Program	Type	Permit Number	Status
Stormwater	Industrial Authorization	TXR05E173	Active
MSW Processing	Registration	48036	Active
Industrial and Hazardous Waste	Solid Waste Registration	H1522	Active

1. Based on a search of the associated regulated entity (RN100212968)

3.0 MAPS

30 TAC §330.59(c), §330.61(c) through (g)

The following maps and aerial photos required by 30 TAC 330.59(c)(1) and 305.45(a)(6)(A) are located in Appendix A.

Figure A-1: General Location Map (TxDOT Map)
Figure A-2a and A-2b: General Topographic Map
Figure A-3: Existing Conditions Aerial
Figure A-4: Habitable Structures within 500 ft
Figure A-5: Well Locations
Figure A-6: Property Ownership
Figure A-7: Land Use
Figure A-8: Area Airports
Figure A-9: Wind Rose

3.1 Property Ownership [30 TAC 330.59(c)]

Property ownership has been verified through a search of the property tax rolls for Victoria County. A map showing the property ownership within 1/4-mile of the site is shown in Figure A-6 in Appendix A. Following the figure, is a list of each of the property owners' mailing addresses. Prepared printed mailing labels are also included with this application. No mineral interest ownership information was available within the Victoria Central County Appraisal District records for the facility property.

3.2 General

a) Texas Department of Transportation (TXDOT) Map locating the site is included in Figure A-1 in Appendix A.

b) Latitudes and longitudes are identified on the United States Geological Survey (USGS) map in Figure A-2 in Appendix A.

c) Area streams are identified on the USGS map in Figure A-2 and Figure A-3 in Appendix A. Also shown on this map are the locations of the wells, springs, and surface water body in the area in accordance with 30 TAC §305.45(a)(6)(A)

d) The points of interest described in 30 TAC §330.61(c)(4) and (12) are shown on Figure A-3 in Appendix A. There are no schools, licensed day care facilities, churches, hospitals, cemeteries, or

recreational areas, within one mile of the site. There are no archaeological sites, historical sites, or sites with an exceptional aesthetic quality adjacent to the site.

e) Approximate locations of the known structures are shown on the maps in Figure A-3 and Figure A-4 in Appendix A.

f) A water well search of the area surrounding the Landfill was completed and the resulting maps and well data are included in Figure A-5 in Appendix A.

g) The permit boundary of the Landfill is depicted in the figures in Appendix A.

3.3 Facility Layout Plan [30 TAC 330.61(d)]

See Appendix B for the facility layout plans. The following drawings are included with this Part I/II submittal:

C001: Existing and Permitted Conditions with Proposed Expansion Footprint
C002: Landfill Cell Expansion Plan
C003: Waste Placement Phasing Plan
C013: Final Environmental Monitoring Plan

4.0 PROPERTY OWNER INFORMATION

30 TAC §330.59(d)

See Appendix D for the legal description metes and bounds.

A signed property owner affidavit is provided in Appendix E.

5.0 LEGAL AUTHORITY

30 TAC §330.59(e)

The City of Victoria is a political body duly authorized and existing under the Statues of the State of Texas and governed in accordance with the City Charter by its Mayor and City Council. The City is duly qualified and authorized to carry on the governmental functions and operations as contemplated in this landfill application and any permit issued as a result of this application. The City has the power, authority, and legal right, to enter into and perform its obligation under the terms of this application and the performance of a permit issued here. The City of Victoria is the sole owner of the property proposed to be permitted, as described in Appendix D.

6.0 EVIDENCE OF COMPETENCY

30 TAC 330.59(f)

The Landfill is owned by the City of Victoria, Texas and operated by Republic Services of Texas, Ltd. (Republic). The City does not own, has not operated, and does not have a direct financial interest in, any other landfills in the last ten years.

Republic owns, operates, or maintains a financial interest in the Texas facilities identified in Table I/II-4. which includes 42 Type I MSW landfills and 15 other solid waste and recycling facilities, both open and closed. Consistent with the requirements in 30 TAC §330.59(f)(1), a list of all Texas solid waste sites owned or operated by Republic is provided in Table I/II-4. Consistent with 30 TAC §330.52(f)(2), a list of all known solid waste sites owned or operated by Republic in other states is presented in Table I/II-5. These tables are provided at the end of Section 6.0.

All facility employees and other persons involved in facility operations shall be qualified, trained, educated, and experienced to perform their duties so as to achieve compliance with this permit. The permittee shall comply with the technical requirements of Part I of the Application, Evidence of Competency, and as described in Part I of this permit. The permittee shall further ensure that personnel are familiar with safety procedures, contingency plans, the requirements of the Commission's rules and this permit, commensurate with their levels and positions of responsibility, in accordance with Part III and Part IV of this permit.

6.1 Other Facilities

Consistent with the requirements in 30 TAC §330.59(f)(1), a list of all Texas solid waste sites owned or operated by Republic is provided in Table I/II-4. Consistent with 30 TAC §330.59(f)(2), a list of all known solid waste sites owned or operated by Republic in other states is presented in Table I/II-5. These tables are provided at the end of Section 6.0.

6.2 Key Personnel

The key personnel from the City of Victoria who are involved in the management and operation of the Landfill are:

- **Darryl Lesak, Director of Environmental Services.** Mr. Lesak directs the City of Victoria's Environmental Services Department, and is responsible for the oversight and long-term planning of the City of Victoria Landfill. Mr. Lesak has a Texas Class A license for Landfill Management and Operations.

The key personnel from Republic Services who are involved in the management and operation of the Landfill are:

- **Richard Kang, Area President.** Mr. Kang is responsible for the hauling, transfer stations, and landfill operations in the South Texas area. Responsibilities include financial planning and environmental compliance, as well as other management responsibilities.

- **Scott A. Trebus, Area Environmental Manager.** Mr. Trebus is responsible for the engineering management, regulatory coordination, and environmental compliance of Republic's facilities in the South Area. He has several years of experience in environmental engineering related projects, which includes Texas MSW facilities.

- **Operations Manager.** The operations manager is responsible for the daily operations of the Landfill. Responsibilities include oversight of hourly employees, equipment maintenance, construction management, and operations compliance. The operations manager is required to have a Texas Class A license for Landfill Management and Operations.

6.3 Equipment Listing

The equipment listed in Part IV, Site Operating Plan (SOP) is used to operate this site. Additional or different equipment units may be used as necessary to enhance operational efficiency. Other equivalent equipment units may be substituted for this equipment, as needed. Operators will have the necessary training and licensing to operate this equipment.

Table I/II-4: List of Republic Services, Inc. Solid Waste Facilities in Texas (as of March 2022)

Name	County	Permit Type & No.	Dates of Operation[1]
Victoria Landfill	Victoria	Type 1, MSW No. 1522A	Nov. 15, 1982 to present
SOUTH TEXAS AREA			
BFI Burnet TS	Burnet	Registration No. 40035	Aug. 17, 1994 to present
BFI Sealy TS	Austin	Registration No. 40025	April 19, 1995 to present
BFI Corpus Christi Recyclery	Nueces	Registration No. 65019	July 31, 2002 to present
BFI Galveston County TS	Galveston	Registration No. 1680	Oct. 4, 1989 to present
Blue Ridge Landfill	Fort Bend	Type 1, MSW No. 1505A	Dec. 10, 1990 to present
Cefe Valenzuela Landfill	Nueces	Type 1, MSW No. 2269	July 22, 2005 to present
City of El Campo CCS	Wharton	Type 5CC, MSW No. 120025	March 17, 2009 to present
El Centro Landfill	Nueces	Type 1, MSW No. 2267	2003 to present
Galveston County Landfill	Galveston	Type 1, MSW No.1149B	January 14, 1971 to present
Golden Triangle Landfill	Jefferson	Type 1, MSW No. 2027	May 24, 1991 to present
Gulf West Landfill	Chambers	Type 1, MSW No. 39039	March 1991 to present
Hardin County Landfill	Hardin	Type 1, MSW No. 2214A	September 2017 to present
Holmes Road Landfill	Harris	Type 1, MSW No. 38 (N ½) & MSW No. 377 (S ½)	CLOSED in 1978
Houston Northwest TS	Harris	Type 5TS, MSW No. 1092	Jan. 12, 1999 to present
Houston Southeast TS	Harris	Type STS, MSW No.1074	December 22, 1983 to present
Houston Southwest TS	Harris	Type STS, MSW No. 1091	November 23, 1977 to present
Kerrville Landfill	Kerr	Type 1, MSW No. 1506A	1984 to present
La Feria TS	Cameron	Type 5TS, MSW No. 2375	November 9, 2011 to present
La Gloria Ranch Landfill	Hidalgo	Type 1, MSW No. 2348	May 24, 2007 to present
La Porte LF	Harris	Type 1, MSW No. 1765	Closed in 1988
McCarty Road Landfill	Harris	Type 1, MSW No. 2618	1972 to present

Name	County	Permit Type & No.	Dates of Operation[1]
North County Landfill	Galveston	Type 4, MSW No.1849B	April 24, 1998 to present
Pinn Road 1 Landfill	Bexar	Type 1 and IV, MSW No. 92	Type I: 1975 to April 1986; revised to Type IV to Sept. 1991 (CLOSED)
Pinn Road 2 Landfill	Bexar	Type 1, MSW No.14	Jul. 1975 to 1994 (CLOSED)
Port Arthur Landfill	Jefferson	Type 1, MSW No. 1815	CLOSED in 1985
Rio Grande Valley Landfill	Hidalgo	Type 1, MSW No. 1948	Jan. 19, 1994 to present
Sinton Landfill	San Patricio	Type 1, MSW No. 242A	Sept. 8, 1972, to 2003 (CLOSED)
Sunset Farms Landfill	Travis	Type 1, MSW No. 1447	May 17, 1982 to present
Tessman Road Landfill	Bexar	Type 1, MSWNo.1410B	1981 to present
Total Roll-Offs TS	Washington	Registration No. 40173	Sept. 4, 2001 to present
Whispering Pines Landfill	Harris	Type 1, MSW No. 1193	Jan. 1, 1984 to present
NORTH TEXAS AREA			
Southwest Landfill	Randall	Type 1, MSW No. 1663B	1985 to present
Abilene Regional Landfill	Jones	Type 1, MSW No. 1469A	1983 to present
Brazos Transfer Station	Parker	Type 5TS, MSW No. 2356	April 7, 2008 to present
Camelot Landfill	Denton	Type 1, MSW No. 1312B	Dec. 1979 to present
Charter Waste Landfill	Ector	Type 1, MSW No. 2158A	May 26, 1992 to present
City of Arlington Landfill	Tarrant	Type 1, MSW No. 358A	March 14, 1978, to present
City of Fort Worth Southeast Landfill	Tarrant	Type 1, MSW No. 218C	1976 to present
CSC Landfill	Ellis	Type 1, MSW No. 1209B	July 15, 1999 to present
ECD Landfill	Ellis	Type 1, MSW No. 1745B	1988 to present
Fort Worth Regional Landfill	Tarrant	Type 1, MSW No. 464A	Mar. 1987 to Oct. 1995 (CLOSED)
Fort Worth Transfer Station	Tarrant	Type V, MSW No. 2275	2001 to present
Greenwood Farms Landfill	Smith	Type 1, MSW No. 1972A	Sept. 1988 to present
Hutchins Landfill	Dallas	Type 1, MSW No. 1236A	CLOSED in 1992

Name	County	Permit Type & No.	Dates of Operation[1]
Itasca Landfill	Hill	Type 1, MSW No. 241D	1988 to present
Lewisville Landfill	Denton	Type 1V, MSWNo.1749B	1986 to present
Maloy Landfill	Hunt	Type 1, MSW No. 1195A	January 23, 1979 to present
Mexia Landfill	Limestone	Type 1, MSW No. 1558A	1983 to present
Mill Creek Landfill	Tarrant	Type 1, MSW No. 208A	1973 to Nov. 2001 (CLOSED)
Pinehill Landfill	Gregg	Type 1, MSW No. 1327B	Dec. 1987 to present
Pleasant Oaks Landfill	Titus	Type 1, MSW No. 797 A	1960 to present
Quail Canyon Landfill	Lubbock	Type 1, MSW No. 987 A	1977 to 1992 (CLOSED)
Royal Oaks Landfill	Cherokee	Type 1, MSW No. 1614A	Dec. 1988 to present
Trinity Oaks Landfill	Dallas	Type 1, MSW No. 556	1976 to Nov. 2002 (CLOSED)

1. This list includes the approximate dates of operation of the facility. This includes previous owner/operators of certain facilities prior to the facility being acquired by Republic Services, Inc. or its subsidiaries.

Table I/II-5: List of Republic Services, Inc. Solid Waste Sites in Other States (as of March 2022)

Facility Name	Location		Facility Type	Dates of Operation[a]
Mobile TS	Mobile	AL	TS	June 1980 to Present
Marshall County TS	Albertville	AL	TS	March 1999 to Present
Andalusia TS	Andalusia	AL	TS	April 2000 to Present
BFI Waste Services of Anniston/ Albertville TS	Albertville	AL	TS	June 2003 to Present
Little Creek TS	Guin	AL	TS	December 1999 to Present
BFI Waste Services of Greenville	Greenville	AL	TS	December 1993 to Present
BFI Huntsville MRF	Huntsville	AL	MRF	December 1975 to Present
Prattville C&D Landfill	Prattville	AL	LF	November 2004 to Present
Prattville Transfer Station	Prattville	AL	TS	December 1999 to Present
BFI Athens TS	Athens	AL	TS	December 1999 to Present
BFI Selma TS	Selma	AL	TS	May 1995 to Present
Brundidge LF	Brundidge	AL	LF	May 2000 to Present
Chilton Landfill	Clanton	AL	CLF	Closed
Sand Valley LF	Collinsville	AL	LF	May 2000 to Present
Greenville TS	Greenville	AL	TS	December 1993 to Present
Morris Farms LF	Hillsboro	AL	LF	June 1996 to Present
Pineview LF	Dora	AL	LF	March 1993 to Present
Talledaga TS	Lincoln	AL	TS	December 1999 to Present
Timberlands LF	Brewton	AL	LF	August 1993 to Present
Willow Ridge LF	Haleyville	AL	LF	May 2000 to Present
Bella Vista Hauling & TS	Bella Vista	AR	TS	August 1996 to Present
Model Fill LF	Little Rock	AR	LF	February 1991to Present
7th Street TS	Phoenix	AZ	TS	*
7th Street MRF	Phoenix	AZ	MRF	*
Central Arizona Transfer	Queen Creek	AZ	TS	December 1999 to Present
Cave Creek Transfer Station	Phoenix	AZ	TS	December 1999 to Present
Aztec Waste	Phoenix	AZ	TS	December 1999 to Present
Apache Junction LF	Apache Junction	AZ	LF	October 1993 to Present
Cactus Landfill	Eloy	AZ	LF	December 2004 to Present
Chandler LF Services	Chandler	AZ	LF	August 1982 to Present
Cocopah Landfill	Somerton	AZ	CLF	Closed
Copper Mountain LF	Wellton	AZ	LF	June 2000 to Present
La Paz County LF	Parker	AZ	LF	November 1993 to Present
Lake Havasu LF Services	Lake Havasu	AZ	LF	May 1997 to Present
Mesa TS	Queen Creek	AZ	TS	*
Mohave Valley LF	Fort Mohave	AZ	LF	October 1996 to Present
Paradise Waste TS	Phoenix	AZ	TS	January 1998 to Present
Allied Waste Transfer Services of Page	Page	AZ	TS	April 1997 to Present
Queen Creek LF	Queen Creek	AZ	CLF	Closed

Facility Name	Location		Facility Type	Dates of Operation[a]
Southwest Regional LF	Buckeye	AZ	LF	December 1994 to Present
Suburban Transfer	Yuma	AZ	TS	April 2000 to Present
Seagull Sanitation Systems	Avalon	CA	LF	April 2001to Present
West Contra Costa Sanitary Landfill (WCCSL)	Richmond	CA	LF	Closed
Barrett Junction Burn Site	Dulzura	CA	LF	July 2000 to Present
Boulevard Burn Site	Boulevard	CA	LF	*
Campo Burn Site	Campo	CA	LF	July 2000 to Present
ECDC LF Group - Northwest	San Francisco	CA	LF	*
ECDC LF Group - Southwest	Newport Beach	CA	LF	*
Julian Burn Site	Julian	CA	LF	Closed
Palomar Mountain Burn Site	Palomar Mountain	CA	LF	Closed
Ranchita Burn Site	Ranchita	CA	LF	August 1998 to Present
Viejas Burn Site	Alpine	CA	LF	Closed
Independent Trucking	Stockton	CA	TS	*
American Waste TS	San Carlos	CA	TS	April 1998 to Present
Bel-Art TS	Gardena	CA	TS	May 1995 to Present
Del Norte Regional Recycling and TS	Oxnard	CA	TS	June 1999 to Present
LA Consolidated East LA Transfer Station	Los Angeles	CA	TS	*
West County Resource Recovery	Richmond	CA	TS	*
Vallecito TS	Julian	CA	TS	December 1999 to Present
Sunshine Summit TS	Warner Springs	CA	TS	December 1999 to Present
Ocotillo Wells TS	Borrego Springs	CA	TS	December 1999 to Present
French Camp LF	Stockton	CA	CLF	Closed
Central LA Recycling and Transfer Station	Los Angeles	CA	TS	December 1999 to Present
Azusa Land Reclamation	Azusa	CA	CLF	Closed
Vasco Road LF	Livermore	CA	LF	December 1999 to Present
BFI Compton TS	Compton	CA	TS	September 1989 to Present
BFI Falcon TS	Wilmington	CA	TS	July 1997 to Present
BFI Mussel Rock TS	Daly City	CA	TS	January 1995 to Present
BFI Pescadero TS	Pescadero	CA	TS	December 1996 to Present
BFI Rice Road MRF	Fresno	CA	MRF	February 1990 to Present
BFI Rice Road TS	Fresno	CA	TS	February 1990 to Present
BFI San Carlos TS	San Carlos	CA	TS	June 1968 to Present
Allied Waste Transfer of San Mateo County	San Carlos	CA	TS	June 1968 to Present
Borrego Springs LF	Borrego Springs	CA	LF	October 1997 to Present
Chateau Fresno LF	Fresno	CA	CLF	Closed
Chestnut Avenue LF	Fresno	CA	CLF	Closed
Contra Costa Transfer	Martinez	CA	TS	March 1994 to Present
Devlin Road TS & Recycling Facility	American Canyon	CA	TS	February 1994 to Present
Elder Creek Recovery and Trash Station	Sacramento	CA	TS	May 2000 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Elder Creek Recovery and Trash Station	Sacramento	CA	MRF	May 2000 to Present
Forward LF	Manteca	CA	LF	March 1973 to Present
Allied Imperial LF	Imperial	CA	LF	April 2000 to Present
Keller Canyon LF	Pittsburgh	CA	LF	September 1991to Present
Newby Island LF	Milpitas	CA	LF	August 1987 to Present
Otay LF	Chula Vista	CA	LF	October1997to Present
Ox Mountain LF	Half Moon Bay	CA	LF	June 1987 to Present
Palomar TS	Carlsbad	CA	TS	November 1997 to Present
Ramona LF	Ramona	CA	LF	October 1997 to Present
Ranchita TS	Ranchita	CA	TS	Closed
Allied Waste Recyclery of San Mateo County	San Carlos	CA	MRF	October 1991to Present
Sunshine Canyon LF	Sylmar	CA	LF	March 1955 to Present
Sycamore Canyon LF	Santee	CA	CLF	Closed
The Recyclery at Newby Island	Milpitas	CA	MRF	August 1987 to Present
Valley Environmental MRF	El Centro	CA	MRF	June 2000 to Present
BFI Glenwood Springs TS	Glenwood Springs	CO	TS	December 1999 to Present
Washington Street TS	Denver	CO	TS	December 1999to Present
BFI Glenwood Springs TS	Glenwood Springs	CO	TS	December 1991to Present
Greeley TS	Greeley	CO	TS	November 1995 to Present
Boulder LF	Boulder	CO	CLF	Closed
Basalt TS	Basalt	CO	TS	January 1999 to Present
Denver Regional LF North	Erie	CO	CLF	Closed
Foothills LF	Golden	CO	LF	September 1992 to Present
Grand Junction Recyclery	Grand Junction	CO	MRF	February 1982 to Present
Jeffco 1 LF		CO	CLF	Closed
Tower LF	Commerce City	CO	LF	November 1982 to Present
ADS of Connecticut - Stratford	Stratford	CT	TS	December 1999 to Present
PM Services Transfer	Hartford	CT	TS	December 1999 to Present
Capitol Recycling & Brokerage	Hartford	CT	MRF	November 1990 to Present
BFI Waste Services of Washington (Consolidated TS)	Washington	DC	TS	September 1994 to Present
545 Landfill	Winter Garden	FL	LF	*
Cedar Trail Landfill	Bartow	FL	LF	*
Nine Mile Road	St. Augustine	FL	LF	*
Metro Recycling	Tampa	FL	TS	*
Envirocycle	Ft. Lauderdale	FL	MRF	*
Rocket Blvd Material Recovery Facility	Orlando	FL	MRF	*
Southland Recycling Services	Jacksonville	FL	MRF	*
Buckeye Landfill (CLOSED TO PUBLIC)	Perry	FL	LF	December 1999 to Present
BFI Sarasota TS	Sarasota	FL	TS	December 1999 to Present
Delta Lakefill	Pompano Beach	FL	LF	December 1999 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Key West Recyclery	Key West	FL	MRF	December 1999 to Present
Miami Beach TS	Miami Beach	FL	TS	December 1999 to Present
Pensacola TS	Pensacola	FL	TS	December 1999 to Present
Royal Oaks Ranch C&D LF	Titusville	FL	CLF	Closed
Tall Pines Recycling	W Palm Beach	FL	MRF	December 1999 to Present
BFI Pasco Recyclery	New Port Richey	FL	MRF	Closed
Pensacola TS	Pensacola	FL	TS	January 1990 to Present
BFI Pensacola Recyclery	Pensacola	FL	MRF	January 1990 to Present
BFI Tampa Bay Recyclery	Clearwater	FL	MRF	December 1986 to Present
Cone Road LF (C&D)	Tampa	FL	LF	March 1991to Present
Delta Dade TS	Miami	FL	TS	December 1998 to Present
Ft. Lauderdale MRF	Davie	FL	MRF	December 1991to Present
Ft. Walton TS	Ft. Walton Beach	FL	TS	April 2002 to Present
Jacksonville MRF	Jacksonville	FL	MRF	October 1978 to Present
Jones Road LF (C&D)	Jacksonville	FL	LF	October 1989 to Present
McKay Bay TS	Tampa	FL	TS	December 2001to Present
Miami MRF	Miami	FL	MRF	March 1990 to Present
Miami TS	Miami	FL	TS	March 1990 to Present
Nassau LF (C&D)	Callahan	FL	LF	August 2002 to Present
BFI Sarasota Recyclery	Sarasota	FL	MRF	September 1990 to Present
Broadhurst Environmental	Screven	GA	LF	*
Highway 78 C&D Landfill	Monroe	GA	LF	*
Oak Grove LF	Winder	GA	LF	*
Pine Ridge Recycling	Griffin	GA	LF	*
Savannah Regional Landfill	Port Wentworth	GA	LF	*
Speedway LF	Winder	GA	LF	*
Swift Creek Environmental	Macon	GA	LF	*
Evans Co. Transfer Station	Claxton	GA	TS	*
Lee Transfer Station	Austell	GA	TS	*
Mauldin Drive Transfer Station	Alpharetta	GA	TS	*
Newnan Transfer Station	Winder	GA	TS	*
BFI Fayette County TS	Fayetteville	GA	TS	December 1999 to Present
Inland Paper & Packaging LF	Rome	GA	LF	October 2001to Present
NORTH GEORGIA TRANSFER STATION	Rome	GA	TS	December 1999 to Present
SSES Newnan	Newman	GA	TS	December 1999 to Present
Tifton TS	Tifton	GA	TS	December 1999 to Present
BFI East Point TS	E. Point	GA	TS	January 1996 to Present
BFI Marble Mill TS	Marietta	GA	TS	August 1991to Present
BFI Smyrna TS	Smyrna	GA	TS	January 1991to Present
BFI Waste Services of Atlanta/Smyrna TS	Smyrna	GA	TS	January 1991to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
East DeKalb LF (C&D)	Lithonia	GA	LF	January 1992 to Present
Fayette County LF (C&D)	Fayetteville	GA	CLF	Closed
Gateway LF	Ringgold	GA	CLF	Closed
Golden Waste Disposal/Tifton TS	Tifton	GA	TS	June 1998 to Present
Hickory Ridge LF	Conley	GA	LF	September 1992 to Present
Richland Creek LF	Buford	GA	LF	November 1995 to Present
Roberts Road LF	Fayetteville	GA	CLF	Closed
Southern States TS	Thomaston	GA	TS	July 1996 to Present
Southern States TS	Columbus	GA	TS	December 1993 to Present
Taylor County LF	Mauk	GA	LF	September 1987 to Present
Watts Road LF	Atlanta	GA	CLF	Closed
Wayne County Regional Landfill	Screven	GA	LF	*
Delaware Transfer Station	Manchester	IA	TS	December 1999 to Present
Hawkeye TS	Clinton	IA	TS	December 1999 to Present
Dubuque MRF	Dubuque	IA	MRF	December 1995 to Present
Hawkeye Disposal	Clinton	IA	TS	July 1998 to Present
Hawkeye Disposal	Maquoketa	IA	TS	January 1999 to Present
Boise TS	Boise	ID	TS	December 1999 to Present
C.C. LF	Danville	IL	LF	*
Southern Illinois Regional Landfill	DeSoto	IL	LF	*
Suburban Warehouse	Riverdale	IL	LF	*
AWS - Northlake TS	Northlake	IL	TS	*
Marion TS	Marion	IL	TS	*
Sparta TS	Sparta	IL	TS	*
Alliance Waste Services - Rockford	Belleville	IL	TS	December 1999 to Present
Alliance Waste Services - Rockford MRF	Rockford	IL	MRF	December 1999 to Present
Bloomington TS	Bloomington	IL	TS	December 1999 to Present
Bond County Landfill	Greenville	IL	LF	October 2003 to Present
Dukane TS	W Chicago	IL	TS	December 1999 to Present
Evanston TS	Evanston	IL	TS	December 1999 to Present
Kankakee Quarry	Momence Township	IL	CLF	Closed
LandComp LF	Ottawa	IL	LF	November 2002 to Present
Litchfield-Hillsboro LF	Litchfield	IL	LF	November 1998 to Present
Loop Recycling #1	Chicago	IL	MRF	December 1999 to Present
Melrose Park Transfer Station	Melrose Park	IL	TS	December 1999 to Present
Palatine MRF	Palatine	IL	MRF	December 1999 to Present
Planet Resources	Chicago	IL	MRF	December 1999 to Present
Robbins Transfer Station	Robbins	IL	TS	December 1999 to Present
Rolling Meadows TS	Rolling Meadows	IL	TS	December 1999 to Present
Southern Illinois TS (Metropolis)	Metropolis	IL	TS	December 1999 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Speelman TS	Chicago	IL	TS	December 1999 to Present
Spoon Ridge LF	Fairview	IL	LF	July 1999 to Present
Tri-State MRF	Northlake	IL	MRF	December 1999 to Present
Urbana TS	Urbana	IL	TS	December 1999 to Present
Zion LF - Site lA	Zion	IL	LF	December 1999 to Present
Zion LF, Site 1- Phase B	Zion	IL	CLF	Closed
Zion LF, Site 2 (Old)	Zion	IL	LF	December 1999 to Present
34th Street Sorting Center	Chicago	IL	MRF	February 2003 to Present
Bloomington TS	Bloomington	IL	TS	November 1997 to Present
Apollo TS	Momence	IL	TS	April 1996 to Present
Belleville LF	Belleville	IL	CLF	Closed
BFI Elk Grove Recyclery	Elk Grove Village	IL	MRF	February 1996 to Present
BFI Quad Cities LF - Phase 1/2	Milan	IL	CLF	Closed
BFI Quad Cities LF - Phase 3	Milan	IL	CLF	March 1983 to Present
Brickyard Disposal	Danville	IL	LF	November 1995 to Present
Brickyard Unit #1	Danville	IL	CLF	Closed
Calumet TS	Chicago	IL	TS	May 1997 to Present
Urbana TS	Urbana	IL	TS	February 1996 to Present
Citiwaste TS (C&D Only)	Joliet	IL	TS	March 1996 to Present
City of Paris TS	Paris	IL	TS	December 1998 to Present
Congress Development Company	Hillside	IL	LF	March 1974 to Present
D&L Disposal	Greenville	IL	TS	April 1996 to Present
Davis Junction LF	Davis Junction	IL	CLF	Closed
Dixon/GROP LF No. 2	Dixon	IL	CLF	Closed
Environtech LF	Morris	IL	LF	December 1986 to Present
Envotech LF	Litchfield	IL	LF	April 1996 to Present
ERC / Coles County LF	Charleston	IL	LF	June 2000 to Present
Groen TS	Crestwood	IL	TS	June 1981to Present
Herrin TS	Herrin	IL	TS	May 1994 to Present
Illini Recycling	Champaign	IL	MRF	April 1996 to Present
Illinois LF	Hoopeston	IL	LF	December 1991to Present
Illinois Valley Recycling	Ottawa	IL	MRF	July 2000 to Present
Illinois Waste System LF	Milford	IL	CLF	Closed
Jersey Sanitation LF	Jerseyville	IL	CLF	Closed
K&H Disposal	Donovan	IL	CLF	Closed
Lee County LF	Dixon	IL	LF	October 1997 to Present
Livingston LF	Pontiac	IL	LF	August 2001to Present
Loop Recycling (64th Street)	Chicago	IL	MRF	August 1998 to Present
Loop Recycling (Laflin Street)	Chicago	IL	MRF	September 1994 to Present
Loop Transfer (Laflin Street)	Chicago	IL	TS	August 1998 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Loop Transfer (64th Street)	Chicago	IL	TS	August 1998 to Present
Mallard Lake LF	Hanover Park	IL	CLF	Closed
McCook TS	McCook	IL	TS	September 1996 to Present
McLean County LF	Bloomington	IL	LF	November 1997 to Present
Medill Sorting Center	Chicago	IL	MRF	February 2003 to Present
Midtown TS	Chicago	IL	TS	June 1982 to Present
Modern LF (Belleville) (MIG/DEWANE)	Belleville	IL	CLF	Closed
New Age Recycling	Danville	IL	MRF	October 1988 to Present
North Chicago LF	North Chicago	IL	CLF	Closed
Northwest Sorting Center	Chicago	IL	MRF	February 2003 to Present
Okaw Valley Recycling	Sullivan	IL	MRF	April 1999 to Present
Planet Recovery	Chicago	IL	TS	January 1992 to Present
Planet Recovery MRF	Chicago	IL	MRF	January 1992 to Present
RCS LF	Jerseyville	IL	LF	January 1993 to Present
Roxana LF	Edwardsville	IL	LF	October 1985 to Present
Roxana MRF	Edwardsville	IL	MRF	October 1985 to Present
Saline County LF	Harrisburg	IL	LF	May 1999 to Present
Sangamon Valley LF	Springfield	IL	LF	November 1999 to Present
Shred-All Recycling	Chicago	IL	TS	December 1995 to Present
Shred-All Recycling & Transfer	Chicago	IL	TS	September 1997 to Present
Shred-All TS	Chicago	IL	TS	December 1995 to Present
South Barrington LF	South Barrington	IL	CLF	Closed
Streator Area LF	Streator	IL	LF	December 1991to Present
Upper Rock Island LF	East Moline	IL	LF	October 1994 to Present
Watts-Springfield Unit 1 LF	Springfield	IL	CLF	Closed
Wayne County LF	Fairfield	IL	LF	June 1997 to Present
National Serv-AII Landfill	Fort Wayne	IN	LF	*
Sycamore Ridge Landfill	Pimento	IN	LF	*
Wabash Valley Landfill	Wabash	IN	LF	*
Advantage Transfer Station	Huntingburg	IN	TS	*
Circle City Recycling	Indianapolis	IN	TS	*
National Serv-ALL/Scott TS	Shipshewana	IN	TS	*
National Serv-ALL TS	Auburn	IN	TS	*
Vincennes TS	Vincennes	IN	TS	*
C.A.R.E.	Fort Wayne	IN	MRF	*
EAST CHICAGO COMPOST	East Chicago	IN	MRF	*
Republic Services - Langsdale Recycling	Indianapolis	IN	MRF	*
Blackfoot LF	Winslow	IN	LF	December 1999 to Present
Clinton County Landfill	Frankfort	IN	LF	May 2004 to Present
Illiana Transfer Station - Crown Point	Crown Point	IN	TS	December 1999 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Illiana Transfer Station Ill	Crown Point	IN	TS	December 1999 to Present
Key Waste MRF	Culver	IN	MRF	December 1999 to Present
Koester TS	Evansville	IN	TS	December 1999 to Present
Metropolitan Landfill	Albany	IN	CLF	Closed
County Line LF	Argos	IN	LF	April 1994 to Present
Illiana Waste Transfer Station I	Schererville	IN	TS	January 1994 to Present
Illiana Waste Transfer Station II	East Chicago	IN	TS	February 2002 to Present
Illiana Waste Transfer Station IV	Lake Station	IN	TS	August 1998 to Present
Kosciusko County LF	Claypool	IN	LF	February 1998 to Present
Lake County C&D LF	Lowellville	IN	LF	June 1988 to Present
Laubascher Meadow LF	Evansville	IN	LF	October 1982 to Present
Newton County Development LF	Brook	IN	LF	February 1996 to Present
Ooms Brothers TS	DeMotte	IN	TS	December 1994 to Present
Springfield Environmental C&D LF	Mt Vernon	IN	LF	April 2000 to Present
Tri-County TS	Covington	IN	TS	June 1994 to Present
United Refuse Landfill	Fort Wayne	IN	LF	*
Finney County LF	Garden City	KS	CLF	Closed
American Disposal Services - Galena	Galena	KS	TS	February 1996 to Present
Forest View Landfill	Kansas City	KS	CLF	Closed
Resource Recovery LF	Cherryvale	KS	LF	April 1986 to Present
Wheatland LF	Columbus	KS	LF	March 1997 to Present
Dozit Company	Morganfield	KY	LF	October 1993 to Present
Epperson Waste Disposal	Williamstown	KY	LF	March 1992 to Present
Ohio County Balefill	Beaver Dam	KY	LF	*
Tri-K Landfill	Stanford	KY	LF	April 1992 to Present
Valley View Landfill	Sulpher	KY	LF	August 1999 to Present
Blue Grass Waste Alliance	Lexington	KY	TS	February 2003 to Present
CSI Covington TS	Covington	KY	TS	*
CWI of Kentucky- Paducah TS	Paducah	KY	TS	June 2003 to Present
Daviess County Solid Waste	Owensboro	KY	TS	June 2002 to Present
Dozit Company- Henderson Transfer	Henderson	KY	TS	*
Ohion County Balefill - City of Hopkinsville	Hopkinsville	KY	TS	*
Kenneday Road (merged w/ div 993)	Lexington	KY	TS	December 1999 to Present
Louisville Recyclery	Louisville	KY	MRF	December 1999 to Present
Mother Earth LF	Louisville	KY	LF	December 1999 to Present
Bath County TS	Owingsville	KY	TS	May 2000 to Present
Benson Valley LF	Frankfort	KY	LF	July 2002 to Present
BFI Danville	Danville	KY	TS	May 2000 to Present
BFI Elizabethtown TS	Elizabethtown	KY	TS	September 1990 to Present
Blue Ridge LF	Irvine	KY	LF	May 2000 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Green Valley LF	Ashland	KY	LF	March 2000 to Present
Morehead LF	Morehead	KY	LF	May 2000 to Present
Stevens Dispos-All	Danville	KY	TS	May 2000 to Present
St. John Pickup Station	Laplace	LA	TS	December 1999 to Present
Sugarmill TS	Broussard	LA	TS	December 1999 to Present
Area 90 LF	Avondale	LA	CLF	Closed
Baton Rouge MRF	Baton Rouge	LA	MRF	December 1999 to Present
BFI Shreveport MRF	Shreveport	LA	MRF	February 2000 to Present
Carlyss LF	Carlyss	LA	CLF	Closed
CECOS - Calcasieu	Sulphur	LA	CLF	Closed
Colonial LF	Sorrento	LA	LF	November 1984 to Present
Crescent Acres LF	New Orleans	LA	CLF	Closed
East St. Charles LF	Kenner	LA	CLF	Closed
Geismar LF	Darrow	LA	CLF	Closed
Hackberry LF	Hackberry	LA	CLF	Closed
Jefferson Davis LF	Welsh	LA	LF	July 1989 to Present
New Orleans MRF	Metairie	LA	MRF	May 1974 to Present
North Baton Rouge LF	Zachary	LA	LF	November 1993 to Present
Siegen Lane LF	Baton Rouge	LA	CLF	Closed
Webster Parrish LF	Minden	LA	LF	February 2000 to Present
West Saint Charles LF	Boutte	LA	CLF	Closed
White Oaks LF	Monroe	LA	CLF	Closed
Woodland Hills LF	Sulphur	LA	CLF	Closed
Woolworth Road LF	Keithville	LA	LF	October 1986 to Present
Auburn Transcyclery	Auburn	MA	TS	December 1999 to Present
Cambridge TS	Cambridge	MA	TS	December 1999 to Present
Holliston LF	Holliston	MA	LF	December 1999 to Present
Holliston TS	Holliston	MA	TS	December 1999 to Present
Allied Waste Services of MA, LLC	Peabody	MA	TS	May 1997 to Present
BFI Brockton Recyclery	Brockton	MA	MRF	October 1984 to Present
BFI Howard TS	Roxbury	MA	TS	December 1976 to Present
BFI Waste Services of Tyngsboro	Tyngsboro	MA	TS	February 1993 to Present
Chicopee LF	Chicopee	MA	CLF	Closed
East Bridgewater LF	East Bridgewater	MA	CLF	Closed
Fall River LF	Fall River	MA	LF	March 1983 to Present
Halifax LF	Halifax	MA	CLF	Closed
McNamara Transfer	Springfield	MA	TS	July 1995 to Present
Oak Bluff- Tisbury	Oakbluffs	MA	TS	May 1993 to Present
Oak Bluff- Tisbury	Oakbluffs	MA	MRF	May 1993 to Present
BFI Peabody TS	Peabody	MA	TS	August 1990 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Plainville LF	Plainville	MA	CLF	Closed
Randolph LF	Randolph	MA	CLF	Closed
Honey-Go-Run Reclamation	Perry Hall	MD	LF	*
BFI Elkridge Recyclery	Elkridge	MD	MRF	December 1999 to Present
Millenium	Baltimore	MD	MRF	December 1999 to Present
BFI Baltimore Processing Center	Baltimore	MD	MRF	July 1996 to Present
BFI Waste Services of Baltimore	Baltimore	MD	TS	December 1994 to Present
ERCA- Norris Farms LF	Baltimore	MD	CLF	Closed
BFI Hagerstown Recyclery	Hagerstown	MD	MRF	December 1981to Present
Montgomery County	Derwood	MD	CLF	Closed
Oaks LF	Laytonsville	MD	CLF	Closed
Quarantine LF	Baltimore	MD	CLF	Closed
Solley Road LF	Glen Burnie	MD	CLF	Closed
Maine Organics - Ops & Trucking	Unity	ME	MRF	December 1999 to Present
New England Organics	Falmouth	ME	MRF	December 1999 to Present
Carleton Farms LF	Carleton	MI	LF	*
Forest Lawn Landfill	Three Oaks	MI	LF	April 1993 to Present
Republic Services of Northern MI - Whitefeather LF	Pinconning	MI	LF	August 2002 to Present
Coldwater TS	Coldwater	MI	TS	*
Reliable Disposal of S. Haven	South Haven	MI	TS	May 2002 to Present
Republic Services - Cork Street TS	Kalamazoo	MI	TS	October 1999 to Present
Arbor Hills LF	Northville	MI	CLF	Closed
Arbor Hills Recyclery	Northville	MI	MRF	December 1999 to Present
B & RTS	Redford	MI	TS	December 1999 to Present
BFI of Western Michigan	Kalamazoo	MI	TS	December 1999 to Present
Detroit TS	Detroit	MI	TS	December 1999 to Present
Ford Assembly Plants TS	Wayne	MI	TS	December 1999 to Present
Kalamazoo Recylery	Kalamazoo	MI	MRF	December 1999 to Present
KVG LF	Climax	MI	LF	December 1999 to Present
Schaefer Road TS	Dearborn	MI	TS	December 1999 to Present
SMDATS	Roseville	MI	TS	December 1999 to Present
Taymouth Landfill	Birch Run	MI	LF	*
Utica Ford TS	Utica	MI	TS	December 1999 to Present
Adrian LF	Adrian	MI	CLF	Closed
Adrian LF	Adrian	MI	LF	January 1997 to Present
Kalamazoo TS	Kalamazoo	MI	TS	December 1999 to Present
C&C LF	Marshall	MI	LF	June 1982 to Present
Central Sanitary LF	Pierson	MI	LF	February 1996 to Present
Citizens Disposal LF	Grand Blanc	MI	LF	October 1988 to Present
Community Recycling Services	Muskegon	MI	MRF	June 2003 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Dinverno MRF	Detroit	MI	MRF	January 1988 to Present
Hillsdale TS	Hillsdale	MI	TS	December 1996 to Present
Lyon Development LF	New Hudson	MI	CLF	Closed
Manistee County LF	Manistee	MI	LF	May 1989 to Present
Oakland Heights Development	Auburn Hills	MI	LF	March 1997 to Present
Ohio Demo LF (C&D Only)	Toledo	MI	LF	August 1972 to Present
Ottawa County Farms LF	Coopersville	MI	LF	September 2000 to Present
Rockwood LF	Newport	MI	LF	August 1997 to Present
Sauk Trail Hills LF	Canton	MI	LF	December 1983 to Present
Southfield Transfer Station	Southfield	MI	TS	December 1997 to Present
Sunset Waste Services - Hamilton	Hamilton	MI	TS	April 1999 to Present
Tri-City TS	Kalamazoo	MI	TS	December 1999 to Present
Vienna Junction LF	Erie	MI	LF	August 1999 to Present
Hennepin Transfer, Inc.	Inver Grove Heights	MN	TS	*
Eden Prairie Recyclery	Eden Prairie	MN	MRF	December 1999 to Present
Mall of America	Bloomington	MN	MRF	December 1999 to Present
Minden Transfer Station	St Cloud	MN	TS	December 1999 to Present
Woodlake LF	Medina	MN	CLF	Closed
BFI Brooklyn Park TS	Brooklyn Park	MN	TS	December 1999 to Present
BFI Flying Cloud TS	Eden Prairie	MN	TS	March 1972 to Present
BFI Hennepin TS	Burnsville	MN	TS	March 1990 to Present
BFI Waste Services of the Twin Cities	Brooklyn Park	MN	TS	December 1999 to Present
BFI Waste Services of the Twin Cities	Inver Grove Heights	MN	MRF	April 1988 to Present
BFI Waste Services of Twin Cities	Minneapolis	MN	MRF	September 1992 to Present
Blaine TS	Blaine	MN	TS	December 2001to Present
Flying Cloud LF	Eden Prairie	MN	CLF	Closed
Bloomington TS	Bloomington	MN	TS	November 1997 to Present
Bloomington TS	Bloomington	MN	MRF	November 1997 to Present
Pine Bend LF	Inver Grove Heights	MN	LF	April 1991to Present
Southwest Regional Sanitary LF	Jasper	MO	LF	March 2007 to Present
CWI - Potosi Transfer Station	Cadet	MO	TS	*
CWI of Missouri (Potosi)	Potosi	MO	TS	*
Bridgeton Transfer Station	Bridgeton	MO	TS	December 1999 to Present
Jefferson City TS	Jefferson City	MO	TS	December 1999 to Present
New Madrid	Dexter	MO	TS	December 1999 to Present
Saint Louis Recyclery	St Louis	MO	MRF	December 1999 to Present
Springfield Recyclery	Springfield	MO	MRF	December 1999 to Present
St Louis Waste TS	St Louis	MO	TS	December 1999 to Present
American Disposal Services - Ozarks	Springfield	MO	TS	February 1975 to Present
American Disposal Services - Reeds Spring	Reeds Spring	MO	TS	February 1975 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
American Disposal Services - Springfield	Springfield	MO	TS	February 1975 to Present
Backridge LF	LaGrange	MO	LF	December 1990 to Present
Bridgeton LF	Bridgeton	MO	LF	November 1985 to Present
Butler County LF Authority	Poplar Bluff	MO	LF	July 1980 to Present
Cass County TS	Harrisonville	MO	TS	Closed
Courtney Ridge LF	Sugar Creek	MO	LF	August 2000 to Present
Ellis-Scott LF	Clinton	MO	CLF	Closed
Jackson LF	Jackson	MO	CLF	Closed
Jackson TS	Jackson	MO	TS	October 1995 to Present
Jefferson City LF	Jefferson City	MO	LF	January 1998 to Present
Johnson County LF	Warrensburg	MO	CLF	Closed
Lamar LF (CLOSED SITE)	Lamar	MO	CLF	Closed
Lemons East Sanitary LF	Dexter	MO	LF	December 1992 to Present
Lemons LF West	Dexter	MO	CLF	Closed
Jefferson City TS	Jefferson City	MO	TS	January 1983 to Present
Midwest LF	Lonedell	MO	CLF	Closed
Missouri City LF	Liberty	MO	CLF	Closed
Missouri Pass LF	Maryland Heights	MO	CLF	Closed
Mo Pass (Yard Waste Transfer Station}	Maryland Heights	MO	TS	January 1988 to Present
Modern TS	Osage Beach	MO	TS	April 1999 to Present
Plattco LF	Parkville	MO	CLF	Closed
Prairieview Regional Waste Facility	Lamar	MO	LF	May 1997 to Present
Redbird LF	Arnold	MO	CLF	Closed
Show-Me Regional LF	Warrensburg	MO	LF	May 1991to Present
Southeast LF	Kansas City	MO	CLF	Closed
St Louis TS	St. Louis	MO	TS	May 1986 to Present
St. Louis Jeffco L/F	Arnold	MO	CLF	Closed
Wayne County LF	Greenville	MO	CLF	Closed
BFI Biloxi Recyclery	Biloxi	MS	MRF	December 1999 to Present
BFI Biloxi TS	Biloxi	MS	TS	December 1999 to Present
BFI Vicksburg TS	Vicksburg	MS	TS	December 1999 to Present
MAGNOLIA C&D LF	Kiln	MS	LF	September 2005 to Present
Pleasant Hills LF	Olive Branch	MS	LF	July 1999 to Present
Three Rivers LF	Pontotoc	MS	LF	December 1999 to Present
BFI Marks TS	Marks	MS	TS	January 1994 to Present
BFI Waste Services of Hattiesburg	Hattiesburg	MS	TS	May 1993 to Present
BFI Waste Services of the Gulf Coast	Vancleave	MS	MRF	December 1999 to Present
BFI Biloxi TS	Biloxi	MS	TS	December 1999 to Present
Big River LF	Leland	MS	LF	October 1987 to Present
Gulf Pines LF	Biloxi	MS	CLF	Closed

Facility Name	Location		Facility Type	Dates of Operation[a]
Little Dixie LF	Ridgeland	MS	LF	August 1999 to Present
Missoula Recycling	Missoula	MT	MRF	*
BFI Waste Services of Missoula	Missoula	MT	MRF	December 1999 to Present
Boseman Recycle Now	Bozeman	MT	MRF	December 1999 to Present
Great Falls	Great Falls	MT	MRF	December 1999 to Present
Helena	Helena	MT	MRF	December 1999 to Present
Billings Recycling	Billings	MT	MRF	June 2004 to Present
BFI Waste Services of Billings	Billings	MT	MRF	August 1994 to Present
Missoula LF	Missoula	MT	LF	March 1971to Present
BFI Waste Services of Missoula	Missoula	MT	MRF	December 1999 to Present
East Carolina Environmental	Aulander	NC	LF	*
Foothills Environmental	Lenoir	NC	LF	*
Upper Piedmont Environmental	Rougemont	NC	LF	*
Uwharrie Environmental	Mt. Gilead	NC	LF	*
Bishop Road TS	Greensboro	NC	TS	*
GDS - Conover MRF	Conover	NC	TS	*
Moore County TS	Aberdeen	NC	TS	*
Overdale Road TS	Winston-Salem	NC	TS	*
Richmond County	Rockingham	NC	TS	*
BFI Waste Services of Winston-Salem	Winston Salem	NC	MRF	December 1999 to Present
CCC - Charlotte	Charlotte	NC	TS	December 1999 to Present
Fayetteville TS	Fayetteville	NC	TS	December 1999 to Present
Sampson County LF	Roseboro	NC	LF	December 1999 to Present
Anson County LF	Polkton	NC	LF	April 2000 to Present
BFI Raleigh Recyclery	Raleigh	NC	MRF	December 1990 to Present
Cary TS	Cary	NC	TS	July 1994 to Present
Charlotte Motor Speedway LF	Concord	NC	LF	December 1986 to Present
City of Durham TS	Durham	NC	TS	October 1997 to Present
Holly Springs LF	Holly Springs	NC	LF	May 1991to Present
Holly Springs LF	Holly Springs	NC	CLF	Closed
Lake Norman LF	Stanley	NC	LF	November 1998 to Present
Randolph County TS	Asheboro	NC	TS	January 1998 to Present
Rocky Mount TS	Rocky Mountain	NC	TS	August 1999 to Present
Yadkin County TS	Yadkinville	NC	TS	September 1993 to Present
NENSWC LF	Clarkson	NE	LF	December 1999 to Present
Fremont LF	Fremont	NE	CLF	Closed
Norfolk LF	Norfolk	NE	CLF	Closed
MA/NH/VT Organics Operations	Chichester	NH	MRF	December 1999 to Present
BFI Hooksett Recyclery	Hooksett	NH	MRF	November 1990 to Present
ECDC LF Group - Mid Atlantic	Tinton Falls	NJ	LF	*

Facility Name	Location		Facility Type	Dates of Operation[a]
A.R.T.S. Recycling	Linden	NJ	MRF	December 1999 to Present
Garofalo Recycling & T/S	Cresskill	NJ	TS	December 1999 to Present
Mount Laurel	Mt Laurel	NJ	TS	December 1999 to Present
A.M.S. Transfer Station	Linden	NJ	TS	January 1999 to Present
Di Rese TS	Tenafly	NJ	TS	January 1984 to Present
Fairview Street TS	Fairview	NJ	TS	February 1995 to Present
Garofalo TS	Garfield	NJ	TS	January 2000 to Present
Giordano Recycling	Port Newark	NJ	MRF	January 1997 to Present
Giordano Recycling	Port Newark	NJ	MRF	January 1997 to Present
Monroe Township LF	Monroe	NJ	CLF	Closed
Pedricktown LF	Pedricktown	NJ	CLF	Closed
Pelham LF	Pelham	NJ	CLF	Closed
Pinelands Park LF	Egg Harbor	NJ	CLF	Closed
South Brunswick	Monmouth	NJ	CLF	Closed
Apex Regional LF	Las Vegas	NV	LF	*
Laughlin LF	Laughlin	NV	LF	*
Cheyenne TS & Environmental Technologies	North Las Vegas	NV	TS	*
R.S. of S Nevada Recycle Center	North Las Vegas	NV	MRF	*
ECDC Logistics Office Northeast	Harrison	NY	LF	*
Staten Island TS	Staten Island	NY	TS	*
Bronx TS	Bronx	NY	TS	December 1999 to Present
Brooklyn TS	Brooklyn	NY	TS	December 1999 to Present
Champion TS	Bayshore	NY	TS	December 1999 to Present
Hempstead TS	Merrick	NY	TS	December 1999 to Present
Menands Transfer Station	Menands	NY	TS	December 1999 to Present
Scott Avenue MRF	Brooklyn	NY	MRF	December 1999 to Present
Scott Avenue TS C&D	Brooklyn	NY	TS	December 1999 to Present
Shepherd Avenue MRF	Brookyn	NY	MRF	December 1999 to Present
Amsterdam LF	Fort Johnson	NY	CLF	Closed
BFI Schenectady TS	Schenectady	NY	TS	April 1993 to Present
BFI Southside TS	Depew	NY	TS	April 1975 to Present
Buffalo Recyclery	Buffalo	NY	MRF	February 1983 to Present
ERCA - Niagara Falls	Niagara Falls	NY	CLF	Closed
Fox Island TS	Port Chester	NY	TS	Closed
Hicksville MRF	Hicksville	NY	MRF	August 1997 to Present
Land Reclamation LF	Depew	NY	CLF	Closed
Mamaroneck TS	Mamaroneck	NY	TS	January 2000 to Present
Metro Enviro	Croton on the Hudson	NY	TS	March 2000 to Present
Mt. Kisco TS	Mt Kisco	NY	TS	August 1978 to Present
Niagara LF	Tonawanda	NY	CLF	Closed

Facility Name	Location		Facility Type	Dates of Operation[a]
Pine Avenue LF	Niagara Falls	NY	LF	January 1983 to Present
Recycling Industries Paper Division	Mamaroneck	NY	MRF	January 2000 to Present
Scott Avenue TS MSW	Brooklyn	NY	TS	June 1996 to Present
Selas TS	Holtsville	NY	TS	October 1989 to Present
Stanley Avenue TS	Brooklyn	NY	TS	June 1996 to Present
Thames Street TS	Brooklyn	NY	TS	October 1996 to Present
Watertown LF	Felts Mills	NY	CLF	Closed
Countywide R&D Landfill	East Sparta	OH	LF	*
Pine Grove Landfill	Amanda	OH	LF	*
Vienna Junction LF	Toledo	OH	LF	*
Ohio Demo LF (C&D Only)	Toledo	OH	LF	*
CSI Waste Services - Evansdale	Evansdale	OH	TS	*
National Serv-AII Van Wert	Van Wert	OH	TS	*
Shelby County TS	Sidney	OH	TS	*
AWS Akron Recyclery	Akron	OH	MRF	December 1999 to Present
ERCA - Aber Road	Williamsburg	OH	CLF	Closed
Goshen Transfer	New Philadelphia	OH	TS	December 1999 to Present
Sandusky TS	Sandusky	OH	TS	January 1978 to Present
Bigfoot Run LF	Morrow	OH	CLF	Closed
Bobmeyer Road Demolition	Fairfield	OH	CLF	Closed
Bowers Phase II TS	Vickery	OH	TS	December 1990 to Present
Carbon Limestone LF	Lowellville	OH	LF	January 1999 to Present
Carbon Limestone TS	Lowellville	OH	TS	January 1999 to Present
Celina LF	Celina	OH	LF	December 1991to Present
Cherokee Run LF	Bellefontaine	OH	LF	December 1997 to Present
Citrus LF	Malvern	OH	CLF	Closed
City of Amherst TS	Amherst	OH	TS	October 1998 to Present
CLD LF	Salem	OH	LF	January 1996 to Present
County Environmental Landfill of Wyandot	Carey	OH	LF	September 1996 to Present
Delaware TS	Delaware	OH	TS	February 1998 to Present
Duck Creek LF	Zanesville	OH	CLF	Closed
East Palestine LF	East Palestine	OH	CLF	Closed
Ford Road LF	Elyria	OH	CLF	Closed
Glenwillow LF	Glenwillow	OH	CLF	Closed
Glenwillow TS	Glenwillow	OH	TS	June 1996 to Present
Lorain Cnty Resource Recovery	Oberlin	OH	MRF	March 1992 to Present
Lorain Cnty Resource Recovery	Oberlin	OH	TS	March 1992 to Present
Lorain County II LF	Oberlin	OH	CLF	Closed
Lorain County LF	Oberlin	OH	LF	July 1986 to Present
Mansfield Transcyclery	Mansfield	OH	MRF	January 1999 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Richland County TS	Mansfield	OH	TS	January 1999 to Present
Marion TS	Marion	OH	TS	Closed
Muskingum LF	Zanesville	OH	CLF	Closed
Oakland Marsh LF	Shiloh	OH	CLF	Closed
Ottawa County LF	Port Clinton	OH	LF	February 1974 to Present
Parris LF	Paris Township	OH	CLF	Closed
Robertsville C&D LF	Robertsville	OH	CLF	Closed
Ross Brothers TS	Mt Vernon	OH	TS	September 1996 to Present
Warner Hill LF	Garfield Heights	OH	CLF	Closed
Williams County LF	Bryan	OH	LF	December 1987 to Present
Willowcreek LF	Atwater	OH	CLF	Closed
Moore TS	Moore	OK	TS	December 1999 to Present
Stillwater Recycling	Stillwater	OK	MRF	October 2004 to Present
Stillwater Sanitary Landfill	Stillwater	OK	LF	October 2004 to Present
51 St LF	Broken Arrow	OK	CLF	Closed
Alderson Regional LF	Alderson	OK	LF	September 1991to Present
Broken Arrow LF	Broken Arrow	OK	LF	Closed
Canadian Valley LF	Shawnee	OK	CLF	May 1984 to Present
Clinton TS	Clinton	OK	TS	November 1993 to Present
BFI Cushing TS	Cushing	OK	TS	June 1986 to Present
Fillsand LF	Oklahoma City	OK	CLF	Closed
Newcastle LF	Newcastle	OK	LF	June 1997 to Present
Oklahoma City MRF	Oklahoma City	OK	MRF	July 1993 to Present
Perkins LF	Perkins	OK	CLF	Closed
Pocasset LF	Pocasset	OK	LF	June 1997 to Present
Porter LF	Porter	OK	LF	September 1998 to Present
Southeast (OKC) LF	Oklahoma City	OK	LF	June 1955 to Present
Talala LF	Talala	OK	CLF	Closed
Weatherford TS	Weatherford	OK	TS	June 1997 to Present
Agri-Tech of Oregon	Albany	OR	LF	*
Albany - Lebanon Sanitation	Albany	OR	LF	*
Peltier Real Estate	Corvallis	OR	LF	*
Allied Waste Transportation Services	Woodburn	OR	TS	December 1999 to Present
Coffin Butte LF	Corvallis	OR	LF	January 2000 to Present
Klamath Regional Disposal	Grants Pass	OR	TS	December 1999 to Present
BFI Metro Central TS & MRF	Portland	OR	MRF	June 1990 to Present
BFI Metro Central TS & MRF	Portland	OR	TS	June 1990 to Present
BFI Metro South TS	Oregon City	OR	TS	May 1982 to Present
Bio-Med of Oregon	Corvallis	OR	MRF	December 1999 to Present
Capitol Recycling & Disposal	Salem	OR	TS	June 1997 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Grants Pass TS	Grants Pass	OR	TS	December 1999 to Present
Source Recycling	Albany	OR	MRF	July 1983 to Present
Valley Landfills Process and Recovery Center	Monmoth	OR	MRF	January 1997 to Present
Valley Landfills, Inc.	Monroe	OR	TS	January 1997 to Present
Valley View Landfill, Inc.	Corvallis	OR	LF	December 1991to Present
Willamette Resources	Wilsonville	OR	MRF	October 1990 to Present
Willamette Resources TS	Wilsonville	OR	TS	October 1990 to Present
Modern Landfill	York	PA	LF	August 1997 to Present
McCusker/Ogborne Transfer	Chester	PA	TS	*
Quickway Transfer Station	Philadelphia	PA	TS	*
BFI Philadelphia TS	Philadelphia	PA	TS	December 1999 to Present
Conestoga Landfill	Morgantown	PA	LF	July 1999 to Present
Philadelphia Recyclery	Philadelphia	PA	MRF	December 1999 to Present
BFI River Road TS	Conshohocken	PA	TS	November 1990 to Present
BFI TRC TS	Philadelphia	PA	TS	December 1988 to Present
BFI Waste Services of Bucks - Mont	Fountainville	PA	MRF	December 1998 to Present
BFI Waste Services of Philadelphia	Philadelphia	PA	MRF	April 1993 to Present
BFI Waste Services of Philadelphia	Philadelphia	PA	TS	April 1993 to Present
County Environmental LF	Leeper	PA	CLF	Closed
Forestlawn LF	Clearfield	PA	CLF	Closed
Greenridge Reclamation LF	Scottdale	PA	LF	August 2001to Present
Imperial LF	Imperial	PA	LF	May 1973 to Present
King of Prussia Recyclery	King of Prussia	PA	MRF	December 1999 to Present
Mon Valley LF	Charleroi	PA	CLF	Closed
BFI North Smithfield TS	N Smitherfield	RI	TS	December 1999 to Present
Blackstone Valley Regional T/S	Pawtucket	RI	TS	December 1999 to Present
Standard Waste Services	Block Island	RI	TS	December 1999 to Present
BFI Waste Services of Rhode Island	North Smithfield	RI	TS	April 2001to Present
Rose Hill Regional TS	South Kingstown	RI	TS	September 1989 to Present
Pepperhill C&D/Industrial Landfill	North Charleston	SC	LF	*
Spring Grove Landfill	North Charleston	SC	LF	*
Union County MSW Landfill	Enoree	SC	LF	*
Greenville TS	Duncan	SC	TS	December 1999 to Present
Anderson Regional LF	Belton	SC	LF	December 1997 to Present
Cherokee TS	Gaffney	SC	TS	August 1998 to Present
Ft. Mill TS	Ft. Mill	SC	TS	August 2001to Present
Greer TS	Greer	SC	TS	December 2000 to Present
Jedburg LF	Jedburg	SC	CLF	Closed
Laurens County TS	Clinton	SC	TS	April 2000 to Present
Lee County LF	Bishopville	SC	LF	June 1997 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
Newberry County TS	Newberry	SC	TS	December 1993 to Present
Northeast Sanitary LF	Eastover	SC	LF	November 1996 to Present
White Street TS	Anderson	SC	TS	June 1993 to Present
Greenville Class II Landfill	Greenville	SC	LF	*
Northwest Tenn Disposal	Union City	TN	LF	*
Paris Landfill Station	Paris	TN	LF	*
Covington Waste	Covington	TN	TS	*
McKenzie Transfer Station	McKenzie	TN	TS	*
BFI Knoxville MRF	Knoxville	TN	MRF	December 1999 to Present
Chattanooga Transfer Station	Chattanooga	TN	TS	December 1999 to Present
JACKSON MADISON COUNTY C&D LANDFILL	Jackson	TN	LF	January 2006 to Present
JACKSON MADISON COUNTY LF	Jackson	TN	LF	January 2006 to Present
Memphis Recyclery	Memphis	TN	MRF	December 1999 to Present
Monroe County TS	Vonore	TN	TS	December 1999 to Present
AAA C&D TS	Nashville	TN	TS	August 1994 to Present
AAA MSW TS	Nashville	TN	TS	August 1994 to Present
Carter Valley LF	Churchill	TN	LF	July 1985 to Present
Estill Springs TS	Estill Springs	TN	TS	January 1995 to Present
Fayetteville TS	Fayetteville	TN	TS	April 1995 to Present
Middle Point LF	Murfreesboro	TN	LF	October 1989 to Present
North Shelby LF	Millington	TN	LF	March 1997 to Present
Pulaski TS	Pulaski	TN	TS	May 1995 to Present
Safety Lights C&D LF	Memphis	TN	CLF	Closed
South Shelby LF	Memphis	TN	LF	May 1995 to Present
Sykes Road LF	Millington	TN	CLF	Closed
Twin Oaks LF	Knoxville	TN	CLF	Closed
Geneva Transfer Station	Salt Lake City	UT	TS	December 1999 to Present
Salt Lake City Transfer Station	Salt Lake City	UT	TS	December 1999 to Present
Utah County Recyclery (CLOSED)	Lindon	UT	MRF	December 1999 to Present
WASATCH REGIONAL LANDFILL	Salt Lake City	UT	LF	August 2005 to Present
BFI Salt Lake Recyclery	Salt Lake City	UT	MRF	March 1985 to Present
ECDC Environmental	East Carbon	UT	LF	December 1997 to Present
Washington County LF	St. George	UT	LF	July 1993 to Present
623 Landfill	Rockville	UT	LF	*
BFI Lorton Recyclery	Lorton	VA	MRF	December 1999 to Present
Norfolk Solid Waste TS	Norfolk	VA	TS	December 1999 to Present
Berryville LF	Berryville	VA	CLF	Closed
BFI Fluvanna Transcyclery	Fluvanna	VA	TS	November 1994 to Present
BFI Culpeper TS	Culpeper	VA	TS	May 1999 to Present
Roanoke TS	Roanoke	VA	TS	March 1994 to Present

Facility Name	Location		Facility Type	Dates of Operation[a]
BFI Goodwin TS	Yorktown	VA	TS	September 1999 to Present
BFI Westmoreland County TS	Montross	VA	TS	April 1994 to Present
Brunswick Waste Mgmt Facility	Lawrenceville	VA	LF	November 1996 to Present
Fredricksburg TS	Fredricksburg	VA	TS	May 1994 to Present
King and Queen Sanitary LF	Little Plymouth	VA	LF	April 1993 to Present
Old Dominion LF	Richmond	VA	LF	October 1992 to Present
Richmond LF	Richmond	VA	CLF	Closed
Roanoke Recyclery	Roanoke	VA	MRF	March 1994 to Present
Telegraph Road LF	Lorton	VA	CLF	Closed
Tidewater TS	Chesapeake	VA	TS	February 1985 to Present
Rockingham LF	Rockingham	VT	CLF	Closed
Roosevelt Associates	West Roosevelt	WA	LF	*
Roosevelt Intermodal	Roosevelt	WA	LF	*
B Z Corners Drop Box TS	Husum	WA	TS	December 1999 to Present
Black River Transfer	Renton	WA	TS	December 1999 to Present
Dallesport Drop Box TS	Dallesport	WA	TS	January 1990 to Present
Ferry County TS	Republic	WA	TS	October 1997 to Present
Goldendale Drop Box TS	Goldendale	WA	TS	December 1999 to Present
Othello TS	Othello	WA	TS	July 1995 to Present
Pend Oreille, Central County TS	Usk	WA	TS	December 1994 to Present
Pend Oreille, South County TS	Newport	WA	TS	December 1994 to Present
Rabanco Intermodal, Ltd.	Husum	WA	TS	August 1993 to Present
Rabanco Recycling Co.	Seattle	WA	MRF	January 1988 to Present
Rabanco Recycling Co.	Seattle	WA	TS	January 1985 to Present
Black River Transfer	Renton	WA	TS	August 1991to Present
Recomp of Washington / RDC Ferndale	Ferndale	WA	TS	October 1998 to Present
Ritzville TS	Ritzville	WA	TS	May 1995 to Present
Roosevelt Regional Ash Monofill	Roosevelt	WA	LF	June 1990 to Present
Roosevelt Regional MSW LF	Roosevelt	WA	LF	June 1990 to Present
Kestrel Hawk Landfill	Racine	WI	LF	*
Mallard Ridge Landfill	Delavan	WI	LF	*
Allied Waste Services of Hayward	Hayward	WI	TS	December 1999 to Present
BFI Park Falls TS	Park Falls	WI	TS	December 1999 to Present
Germantown	Germantown	WI	TS	December 1999 to Present
Kenosha Recyclery	Kenosha	WI	MRF	December 1999 to Present
Muskego	Muskego	WI	TS	December 1999 to Present
West Allis TS	West Allis	WI	TS	December 1999 to Present
BFI Siren TS	Webster	WI	TS	June 1993 to Present
BFI Waste Services of Northwest Wisconsin	Park Falls	WI	TS	December 1994 to Present
Lake Area (Permit #2054) LF	Sarona	WI	CLF	Closed

Facility Name	Location		Facility Type	Dates of Operation[a]
Lake Area (Permit #3144) LF	Sarona	WI	CLF	Closed
Lake Area (Permit #3474) LF	Sarona	WI	LF	March 1998 to Present
Troy Area LF	East Troy	WI	CLF	Closed
Fairmont MRF	Fairmont	WV	MRF	December 1999 to Present
Short Creek LF	Short Creek	WV	LF	December 1999 to Present
Sycamore LF	Hurricane	WV	LF	June 2001 to Present
West Bank Sanitation	Jackson	WY	TS	January 2001 to Present
Campo Sur LF	Ponce	PR	LF	*
Ponce LF	Ponce	PR	LF	*
Salinas LF	Salinas	PR	LF	*
BFI Catano TS	Catano	PR	TS	December 1999 to Present
Cidra TS	Cidra	PR	TS	*

LF = Active Landfill; CLF = Closed Landfill; TS = Transfer Station; MRF = Material Recovery Facility
[a] This list includes the approximate dates of operation of the facility. This includes the previous owners/operators of certain facilities prior to the facility being acquired by Republic Services, Inc., or its subsidiaries.
* Initial date of ongoing operation is not clear from site records.

Regulatory agencies for Republic Services, Inc. solid waste sites are:

Alabama Department of Environmental Management (ADEM)
P. 0. Box 301463, Montgomery, AL 36130-1463

Arizona Department of Environmental Quality (ADEQ)
1100 West Washington Street, Phoenix, AZ 85007-2935

Arkansas Department of Environmental Quality (ADEQ)
Solid Waste Management Division
5301 North Shore Drive, North Little Rock, AR 72118-5317

California Integrated Waste Management Board (CIWMB)
Cal-EPA Building
1001 I Street, P.O. Box 4025, Sacramento, CA 95812-4025

Colorado Department of Public Health and Environment (CDPHE)
Hazardous Materials and Waste Management Division
4300 Cherry Creek Drive South, Denver, CO 80246-1530

Connecticut Department of Environmental Protection (CDEP)
Materials and Waste Management
79 Elm Street, Hartford, CT 06106-5127

District Department of the Environment (DDOE)

51 N Street, NE 6th Floor, Washington, DC 20002

Florida Department of Environmental Protection (FDEP)
3900 Commonwealth Blvd., M.S. 49, Tallahassee, FL 32399

Georgia Department of Natural Resources
Environmental Protection Division (EPD)
2 Martin Luther King, Jr. Drive, Suite 1152 East Tower, Atlanta, GA 30334

Idaho Department of Environmental Quality (IDEQ)
1410 North Hilton, Boise, ID 83706

Illinois Environmental Protection Agency (IEP A)
1021 North Grand Avenue East, P.O. Box 19276, Springfield, IL 62794-9276

Indiana Department of Environmental Management (IDEM)
Indiana Government Center North
100 North Senate Avenue; Indianapolis, IN 46204-2251

Iowa Department of Natural Resources (IDNR)
502 East 9th Street, Des Moines, IA 50319-0034

Kansas Department of Health and Environment (KDHE)
Charles Curtis State Office Building
1000 Southwest Jackson, Topeka, KS 66612

Kentucky Energy and Environment Cabinet
Division of Waste Management, Department for Environmental Protection
200 Fair Oaks Lane, Frankfort KY 40601

Louisiana Department of Environmental Quality (LDEQ)
602 North Fifth Street, Baton Rouge, LA 70802

Maine Department of Environmental Protection (MDEP)
17 State House Station, Augusta, ME 04333-0017

Maryland Department of the Environment (MD E)
1800 Washington Boulevard, Baltimore, MD 21230

Massachusetts Department of Environmental Protection (MDEP)
One Winter Street, 2nd Floor, Boston, MA 02108

Michigan Department of Environmental Quality (MD EQ)
Waste Management Division
Constitution Hall, 525 West Allegan Street, P.O. Box 304 73, Lansing, MI 48909-7973

Minnesota Pollution Control Agency (MPCA)

520 Lafayette Road North, St. Paul, MN 55155-4194

Mississippi Department of Environmental Quality (MDEQ)
Solid Waste Policy, Planning, and Grants Branch
515 East Amite Street, Jackson, MS 39201

Missouri Department of Natural Resources (MDNR)
Waste Management Program, Division of Environmental Quality
P.O. Box 176, Jefferson City, MO 65102

Montana Department of Environmental Quality (MDEQ)
1520 East Sixth Avenue, P.O. Box 200901, Helena, MT 59620-0901

Nebraska Department of Environmental Quality (NDEQ)
1200 "N" Street, Suite 400, P.O. Box 98922, Lincoln, NE 68509

Nevada Division of Environmental Protection (NDEP)
901 South Stewart Street, Suite 4001, Carson City, NV 89701-5249

New Hampshire Department of Environmental Services (NHDES)
Waste Management Division
29 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095

New Jersey Department of Environmental Protection (NJDEP)
401 East State Street, 7th Floor, East Wing, P.O. Box 402, Trenton, NJ 08625-0402

New Yark State Department of Environmental Conservation (NYSD EC)
Division of Solid and Hazardous Materials
625 Broadway, Albany, NY 12233-1010

North Carolina Department of Environment and Natural Resources (NCDENR)
1601 Mail Service Center, Raleigh, NC 27699-1601

Ohio Environmental Protection Agency (OEPA)
Division of Solid & Infectious Waste Management
50 West Town Street, Suite 700, Columbus, OH 43215

Oklahoma Department of Environmental Quality (ODEQ)
707 North Robinson, Oklahoma City, OK 73102

Oregon Department of Environmental Quality (ODEQ)
Waste Prevention and Management Division
811 Southwest Sixth Ave., Portland, OR 97204-1390

Pennsylvania Department of Environmental Protection (PDEP)
Rachel Carson State Office Building

400 Market Street, Harrisburg, PA 17101

Rhode Island Department of Environmental Management (RID EM)
235 Promenade St., Providence, RI 02908-5767

South Carolina Department of Health and Environmental Control (SCDHEC)
2600 Bull St., Columbia, SC 29201

Tennessee Department of Environment and Conservation (TDEC)
401 Church St., L&C Tower, Nashville, TN 37243-0435

Utah Department of Environmental Quality (UDEQ)
Division of Solid and Hazardous Waste
288 North 1460 West, 4th Floor, P. 0. Box 144880, Salt Lake City, UT 84114-4880

Vermont Department of Environmental Conservation (DEC)
Waste Management Division
103 South Main Street, West Office Building, Waterbury, VT 05671-0404

Virginia Department of Environmental Quality (VDEQ)
629 East Main Street, P.O. Box 1105, Richmond, VA 23218

Washington State Department of Ecology
P. 0. Box 47600, Olympia, WA 98504-7600

West Virginia Department of Environmental Protection (WVDEP)
Division of Water and Waste Management
601 57th Street SE, Charleston, WV 25304

Wisconsin Department of Natural Resources (WDNR)
101 South Webster Street, P.O. Box 7921, Madison, WI 53707-7921

Puerto Rico Department of Natural and Environmental Resources
P.O. Box 366147, San Juan, Puerto Rico 00936

7.0 APPOINTMENTS

30 TAC 330.59(g)

The appointment prepared for this permit application meets the requirements of Title 30 TAC §330.59(g) and §305.44. The Notice of Appointments are included in Appendix E.

8.0 APPLICATION FEES

30 TAC 330.59(h)

In accordance with §305.53, the application fee for this permit major amendment is $2,050. This fee has been paid via check (Number 113979). Additional information is provided on the Part I Application Form and a copy of the check is provided following the Part I Application Form.

The City of Victoria regulated entity does not have any delinquent fees.

9.0 IMPACT ON SURROUNDING AREA

30 TAC 330.61(h)

The Landfill expansion will have minimal impact on the surrounding area. The land has been used for solid waste disposal for decades, and the operations at the Landfill will not significantly change as a result of this permit modification. The ability to dispose of Class 1 NHIW will provide additional flexibility to the community for their industrial solid waste disposal needs.

9.1 Characterization of Surrounding Land Use

A land use evaluation was performed for the area within one mile of the Landfill boundary. Land use information is summarized in the following maps (in Appendix A):

- The proximity to residences and other uses are shown in Appendix A, Figure A-4. There are two residential areas and two industrial areas within one mile of the facility. Based on land use analysis and aerial imagery, there are an estimated 39 residences within one mile of the facility boundary. The nearest residence, excluding temporary RV sites, is located approximately 0.5 miles southwest of the Landfill. There are an estimated 3 commercial establishments within 1 mile of the Landfill. The nearest is the Kinder Morgan facility, located 0.55 miles west of the Landfill. Chocolate Bayou and other streams identified in the National Hydrography Dataset (NHD) are also shown on Figure A-4. No schools, churches, hospitals, cemeteries, historic structures and sites, archaeologically significant sites, or sites having exceptional aesthetic quality were identified within one mile of the facility.

- Land use surrounding the facility is primarily agricultural (shown in Appendix A, Figure A-7) Based on land use analysis and aerial imagery, land use is primarily cultivated crops and pasture/hay. Developed land surrounding the facility are the small areas of residential and industrial uses described above and shown in Figure A-4.

- The City of Victoria has not adopted a zoning ordinance or regulation. The current Landfill activities are allowed for in the current and lateral expansion parcels in Victoria County.

9.2 Growth Trends of the Nearest Community

The City of Victoria is located approximately 7 miles NNW of the Landfill. The City of Victoria is the largest city in and the county seat of Victoria County. Based on estimates from the US Census Bureau, Victoria County is growing at a rate of 0.22 percent and the City of Victoria had a total population of 66,916 in 2019, with an average annual growth rate of 0.8 percent since the 2010 Decennial Census. This

is significantly slower growth than for the total Texas population (approximately 10 percent) and the US population (approximately 4 percent) over similar time periods.

There are no incorporated areas within five miles of the facility; however, the unincorporated census designated places (CDPs) of Bloomington and Placedo are within five miles of the facility. As of the 2010 Census, Bloomington had a population of 2,459 and Placedo had a population of 692. Growth trends in these unincorporated areas are unknown.

9.3 Oil and Water Wells Within 500 Feet

A map of water and oil and gas wells within 500 feet of the facility boundary is provided in Appendix A (Figure A-5), based on information provided by the TWDB for submitted driller's report water wells, known groundwater monitoring wells, and the Texas Railroad Commission (TRC) for oil and gas wells. A total of 38 wells were identified within 500 feet of the facility: 32 wells associated with the Landfill operation, 4 groundwater test wells, 2 industrial water wells associated with the on-site composting operation, and 1 environmental soil boring well.

No oil and gas wells were identified within 500 feet of the Landfill.

10.0 TRANSPORTATION

30 TAC §330.61(i)

10.1 Traffic Summary and TxDOT Coordination

All site traffic will enter from FM 1686 via Texas Highway 185 or U.S. Highway 87. Texas Highway 185, and U.S. Highway 87 have no weight loading restrictions, beyond the legal limit of 80,000 pounds per vehicle as prescribed by law. The current load rating of FM 1686 is 58,420 pounds, which is adequate to handle existing waste vehicles which have a gross weight of approximately 45,000 to 54,000 pounds.

A Texas Department of Transportation Map locating the site is included in Figure A-1 in Appendix A. It is estimated that at peak filling rates, the maximum truck traffic will be approximately 100 vehicles per day. This maximum vehicle traffic rate remains unchanged since the 1997 permit, and traffic volumes have not materially changed in at least 20 years. The proposed expansion is designed to increase Landfill life and is not anticipated to materially change traffic or waste volumes. The average daily volume of traffic for access roads within 1-mile of the facility, based on the Texas Department of Transportation (TxDOT) Traffic Count Database System (TCDS), are 744 vehicles for FM 1686 and 10,372 vehicles for State Highway 185. The traffic count as discussed above (an estimated maximum of 100 vehicles per day) includes the current vehicle traffic at the Landfill and potential additional future traffic volumes due to population growth . Additionally, correspondence from TxDOT, dated May 21, 2021, is included in Appendix F, which states that the TxDOT Yoakum District has reviewed the proposed expansion and staff do not anticipate any adverse impacts as a result of the project.

The existing paved entrance road will continue to provide access to the site from FM 1686.

10.2 Facility Impact on Airports

There are no public-use airports within six miles of the proposed facility, thus the proposed expansion meets the airport safety requirements of 30 TAC §330.545(a) and (b). Specifically, there are:

- No runways used by turbojet aircraft within 10,000 feet of the Landfill
- No runways used by piston-type aircraft within 5,000 feet of the Landfill
- No small general service airport runways within a 6-mile radius of the Landfill
- No large general public commercial airport runways within a 5-mile radius of the Landfill

The Landfill is located approximately 10 miles south of the nearest public-use airport runway, located at Victoria Regional Airport (VCT). The Landfill is located approximately 7.25 miles north-northwest of the

nearest airport runway, located at Green Lake Ranch, a private airport with a single hard-surfaced runway.

See Appendix F for the coordination letter with the Federal Aviation Administration (FAA) confirming the compliance of the Landfill expansion with federal airport location restrictions, as demonstrated via the FAA Notice Criteria Tool.

11.0 GENERAL GEOLOGY AND SOILS STATEMENT

30 TAC 330.61(j)

During prior phases of Landfill development, the subsurface conditions at the site were evaluated by drilling 56 borings ranging in depth from 30 to 100 feet below ground surface. During subsequent evaluation of the lateral expansion area, twenty-four soil borings (EB-01 through EB-24) ranging in depth from 37 to 102 feet were advanced to supplement the existing information related to geologic and hydrogeologic characteristics of the Landfill property and to further define the characteristics beneath the proposed expansion area.

Subsurface conditions observed during the investigation of the proposed expansion area were consistent with previous investigations at the Landfill. In general, the soil profile consists of a medium to highly plastic clay stratum overlying a sand/silty sand, which varies both in depth and thickness across the site. Below the silty sand, interbedded strata of stiff clays and sands/silty sands were encountered. In the lateral expansion area, the upper clay stratum has coefficients of permeability of less than 1.5×10^{-8} cm/sec.

A summary of fault areas, seismic impact zones, and stable areas is presented below to conform to Part I/II requirements. A full geological report of subsurface conditions is included in Part III, SDP, Geology Report.

11.1 Fault Areas [330.61(j)(2)]

The City of Victoria Landfill and the surrounding area were examined for the presence of geological faulting in accordance with 30 TAC §330.555, including a review of historical regional fault investigations in the vicinity, available literature and maps, and current aerial photography. The Beeville-Bay City sheet of the Geologic Atlas of Texas, the Tectonic Map of Texas (Bureau of Economic Geology, 1994), and a review of the USGS Quaternary Fault and Fold Database did not indicate any faults within 10 miles of the Landfill. Detailed fault studies (30 TAC §330.555(b)) are not required as no active fault is known to exist within ½ mile of the site.

Based on a review of the USGS 7.5-minute 2019 Bloomington, Texas Quadrangle Map, current aerial photographs of the site and site visits conducted from the past several years, no unusual relief or topographic features were identified within 200 feet of the site. No evidence of faulting was found associated with surrounding, adjacent or on-site roadways. This review confirms site compliance with 30 TAC §330.555 criteria.

11.2 Seismic Impact Zones [330.61(j)(3)]

Based on 30 TAC §330.557, the Landfill is not located in a seismic impact zone. According to the 2014 U.S. Geological Survey National Seismic Hazard Maps, the region is considered low hazard with 0.02 peak ground acceleration (expressed as a fraction of standard gravity) for 2% probability of exceedance in 50 years (Petersen et al., 2014, Documentation for the 2014 update of the United States national seismic hazard maps: U.S. Geological Survey Open-File Report 2014–1091, 243 p.). This is equivalent to less than 10% probability over 250 years. The location restriction criterion in 30 TAC §330.557 requires that new disposal units and lateral expansions not be located in seismic impact zones, defined as an area with a 10% or greater probability that the maximum horizontal acceleration in lithified earth material, expressed as a percentage of the earth's gravitational pull (g), will exceed 0.10 g in 250 years. The area was predicted to have a less than 1% chance of potentially minor or moderate damage from ground shaking due to natural and induced earthquakes in 2018 (most recent data available [Petersen et al. 2018, "One-year seismic hazard Forecast for the central and eastern United States from induced and natural earthquakes." *Seismological Research Letters*, 89 (3), 1049-1061]).

11.3 Unstable Areas [330.61(j)(4)]

As presented in the Part III, Site Development Plan (SDP), the Landfill area is geologically stable. The soil profile consists of highly plastic clays, stiff clays, and silty sand. Significant differential settling is not anticipated at the site. There are no oil and gas wells within 1 mile of the site to cause potential land subsidence. The site is not located in a karst region.

12.0 GROUNDWATER AND SURFACE WATER STATEMENT

30 TAC 330.61(k)

12.1 Groundwater

In the existing permitted area, groundwater levels are monitored with the existing Landfill semi-annual detection, assessment, and corrective action monitoring activities. Historically, water levels range from 22-32 feet amsl. Groundwater data for the proposed lateral expansion area was obtained through six piezometers, with monitoring beginning in February 2019 in conjunction with existing Landfill monitoring.

Groundwater flow direction during February 2019 was to the southwest, consistent with historical data from the existing Landfill. Groundwater elevations across the proposed expansion area ranged from 24.65 feet amsl to 33.50 feet amsl over the monitoring period since February 2019, and a seasonal high groundwater elevation of 33.50 feet amsl was assumed for the design.

Part III, SDP, Groundwater Characterization Report, further discusses the groundwater at the site.

12.2 Surface Water

The ground surface near the site is near flat to gently sloping. The slope of the surface is generally from north to south. The area is drained by a series of man-made and natural drainage structures. The Victoria County Drainage District #2 is responsible for maintaining the majority of the drainage structures off of the Landfill site. The Texas Department of Transportation is responsible for maintaining the ditch that is adjacent to and parallel to FM 1686. A portion of the lateral expansion area is currently used as a borrow area for soils used in Landfill cell development.

Surface water flowing from the north is prevented from flowing over the Landfill site by FM 1686. Water from the northern portion of the Landfill is carried by the ditch on the southern side of FM 1686 directly to Chocolate Bayou and eventually, Lavaca Bay.

Within the existing Landfill, the majority of the surface water from the Landfill is carried through a series of on-site drainage structures to a stormwater basin and an outfall located in the southeastern portion of the Landfill. This outfall is connected to a drainage ditch that carries the water south until it reaches Chocolate Bayou, approximately two miles south of the Landfill site and eventually into Lavaca Bay.

For the proposed expansion area, within the Landfill footprint, tack-on terraces will be used for stormwater conveyance to the letdown channels to maximize waste volume, and gabions will be used to

minimize the letdown thickness. In the existing footprint, chutes will be extended, where required, to integrate with the existing stormwater management infrastructure.

Runoff will generally be segregated for management on the East and West of the Landfill. Runoff from the vertical expansion area of the existing Landfill and the East portion of the lateral expansion will be conveyed to a new East Detention Pond. Runoff from the Western portion will be conveyed to the new West Detention Pond. The existing detention pond will be used to manage stormwater from the existing closed area. The West Detention Pond will discharge from the South into the existing tributary ditch, which will be re-routed to accommodate the Landfill expansion (as discussed in more detail in Part III (SDP)).

The 100-year flood elevation is approximately 60.8 – 61.8 feet on the East side of the expansion area (east side tributary Chocolate Bayou) and 62.7 – 63.4 feet on the West side of the expansion area. To prevent run-on from the 100-year flood, the edge of the Landfill perimeter berm will be constructed at a minimum elevation of 66.4 feet amsl to meet 3-foot freeboard requirements. The Part III, SDP further details the surface water and its protection thereof.

The facility has been designed to prevent discharge of pollutants into waters of the State or Waters of the United States, as defined by the Texas Water Code and the Federal Clean Water Act, respectively. The Landfill has a current Texas Pollution Discharge Elimination System (TPDES) multi-sector general permit (MSGP) for industrial activity (Permit No. TXR05EI73) which is included in Appendix I. The facility is in full compliance with TPDES under the Clean Water Act, Section 402, as amended. Any stormwater that has become contaminated by contact with the working face or with leachate will be handled in accordance with the Leachate and Contaminated Water Management Plan included in Part III of this application. The Landfill maintains a current Stormwater Pollution Prevention Plan (SWPPP) as required for coverage under the TPDES MSGP. The Landfill will update and maintain TPDES MSGP coverage as required throughout the site life and to reflect approved permit modifications.

All liquids resulting from the operation of the Landfill shall be disposed of in a manner that will not cause surface water or groundwater pollution. The Landfill shall provide for the treatment of wastewaters resulting from waste management activities and from cleaning and washing, and stormwater and wastewater management will be performed in compliance with applicable regulations.

13.0 ABANDONED OIL AND WATER WELLS

30 TAC 330.61(l)

No abandoned water supply or oil and gas wells were identified within the facility footprint. Existing active wells are associated with environmental monitoring.

Two water supply wells are situated within the lateral expansion area but outside of the current groundwater monitoring network (as shown on Figure A-5 in Appendix A). These wells (193787 and 155301) are associated with the existing composting facility operations within the lateral expansion area of cells H1, H2, I1, and I2. Composting operations will continue in the existing location and these wells will be maintained consistent with the requirements in 30 TAC §330.61(l)(1) as demonstrated in Part III SDP. As required in 30 TAC §330.61(l)(1), written certification will be provided to the executive director within 30 days prior to construction of cell H1, that these wells have been capped, plugged, and closed in accordance with all applicable rules and regulations.

14.0 LOCATION RESTRICTIONS

14.1 Easements and Buffer Zones

There are no easements for drainage or pipelines within the permitted area for waste disposal. There is one utility easement adjacent to the permit boundary, an easement for a CPL Utilities overhead electric utility line with American Electric Power (AEP) electric delivery company, shown in Drawing C001 in Appendix B. As part of the proposed lateral expansion, the CPL Utilities line would be rerouted along FM 1686. Coordination with AEP which would relocate the line has been ongoing since prior to 2014. Documentation of this reroute coordination is provided in Appendix F– Coordination Letters. Consistent with the requirements of 30 TAC §330.543(a), no solid waste disposal will occur within 25 ft. of the center line of any utility or pipeline easements but no closer than the easement, unless otherwise authorized by the executive director.

A 50-foot buffer is required between feedstock or final product storage areas; solid waste storage, processing, Type IAE landfill units, Type IV landfill units, and Type IVAE landfill units. An existing composting facility (operating under a separate registration) is operating within the planned expansion area, as shown in Drawing C001 in Appendix B. As shown in Drawing C003 in Appendix B, the cell phasing is such that the composting area can continue operating until the construction cell H2. The composting site would maintain that facility's separate entrance and a buffer between the composting operation and Landfill activities in excess of 50 feet as Cell H1 would remain undeveloped during compost facility operations in the current location (Cell H1 has a total cell width of 360 feet).

The current Landfill footprint and disposal airspace were permitted prior to 125-foot buffer requirement, and as such the facility will establish and maintain a minimum 50-foot buffer from the previously permitted waste. For the vertical expansion over the currently permitted Trenches 7 and 8, the facility will establish and maintain a minimum 125-foot buffer from outermost edge of the new airspace associated with the vertical expansion as required by 30 TAC §330.543(b)(2)(B). This newly permitted solid waste disposal airspace begins at elevation 130 ft amsl, with approximately 300 feet between the outermost edge of new airspace and the property boundary. The proposed lateral expansion fill area will maintain a buffer of at least 125 feet between the limits of waste and the property boundary, as shown in Drawing C001 in Appendix B, with additional buffers of 736 feet along the western extent and 1891 feet along the eastern extent of the lateral expansion to conform to the FEMA-approved limit of fill for the CLOMR (Appendix H).

14.2 Airport Safety

The Landfill site meets the requirements of 30 TAC §330.545 for airport safety. As presented in the attached FAA map (see Appendix A, Figure A-8), the Landfill is more than 10,000 feet from any airport runway. There are no airports within 6 miles of the site. The nearest public-use airport runway to the site is the Victoria Regional Airport, which is approximately 10 miles from the site. More detail on facility impacts related to airports is included in Section 10.2 above.

14.3 Floodplain and Wetlands Statement [30 TAC 330.61(m)]

The facility's construction & operations shall not cause or contribute to violations of state water quality standards, violation of any applicable toxic effluent standard or prohibition under the Clean Water Act §307; jeopardize the continued existence of endangered or threatened species or result in the destruction or adverse modification of a critical habitat, protected under the Endangered Species Act of 1973, or violate any requirement under the Marine protection, Research, & Sanctuaries Act. More information on floodplains, wetlands, and threatened and endangered species is provided in Sections 14.3.1, 14.3.2, and 14.7 below.

14.3.1 Floodplain Statement

As presented in the Flood Insurance Rate Map (FIRM) map for Victoria County, Texas, which was included in the approved existing permit, the existing Landfill is not located in the 100-year floodplain.

A portion of the property containing the lateral expansion area is located within a FEMA Zone A 100-year floodplain, as shown in Appendix H. As required by 30 TAC §330.547(c), a Conditional Letter of Map Revision (CLOMR) has been obtained for the proposed lateral expansion area (see Appendix H). Consistent with 30 TAC §330.547, the Landfill is designed such that it will not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain, or result in washout of solid waste so as to post a hazard to human health and the environment.

As described in detail in Part III of this application, the proposed Landfill design includes the following elements to address the 100-year floodplain and to comply with the CLOMR and obtain approval of the LOMR from FEMA:

- relocating the tributary ditch outside of the Landfill boundary to maintain flood flows around the Landfill expansion,

- constructing the perimeter berm at a height of at least 3 feet above the 100-year flood elevation (minimum berm elevation of 66.4 feet) around the entire Landfill expansion to divert the floodplain around the Landfill extents, and
- compensatory grading buffer area to mitigate tributary ditch floodplain constriction.

The process of filling the expansion area over its lifespan will then effectively raise the ground containing the permitted Landfill above the 100-year floodplain elevation of both the Chocolate Bayou and Tributary Ditch.

14.3.2 Wetlands Statement

The Landfill is not located in any wetlands. As described in the wetland delineation report in Part III (SDP), the on-site investigation identified a potential Palustrine Emergent (PEM) wetland totaling 0.10 acres within the proposed lateral expansion area, in a location that was excavated in 2009 adjacent to an unpaved road used for site operations. A jurisdictional determination was sought from the U.S. Army Corps of Engineers (USACE), which confirmed the identified feature is a man-made excavation not subject to USACE jurisdiction by Section 404 of the Clean Water Act. This determination is included in Appendix G.

14.4 Fault Areas

As presented in Section 11.1, there are no fault areas within 200 feet of the site, and the site complies with 30 TAC §330.555 criteria.

14.5 Unstable Area

As presented in Section 11.3, the Landfill area is geologically stable. The soil profile consists of highly plastic clays, stiff clays and silty sand which provide a stable foundation for the site. The investigation does not suggest the area is unstable as defined in 30 TAC §330.559.

14.6 Seismic Impact Zones

Based upon the U.S. Department of the Interior Geological Survey "Probabilistic Estimates of Maximum Acceleration and Velocity in Rock in the contiguous United States" (1982), the Landfill is not located in a seismic impact zone.

14.7 Endangered or Threatened Species [30 TAC 330.61(n)]

An assessment of the potential effects of the proposed Landfill on threatened and/or endangered species was conducted based upon data available from the US Fish and Wildlife Service’s Information for Planning and Conservation and the Texas Parks and Wildlife Department's Texas Natural Heritage

Program. The existing Landfill permit demonstrated "no presently known occurrences of special species or natural communities in the general vicinity of the landfill." The September 2018 Protected Species Report (updated in February 2021) targeted to the lateral expansion area is provided in Appendix F. The evaluation shows that potential occurrence of federally listed species is unlikely, and a determination of "No Effect" to federally listed threatened and endangered species is appropriate. Suitable habitat for bald and golden eagles were not present within the Landfill area; therefore, a determination of "No Impact" for the bald and golden eagles is appropriate. As such, the construction and operation of the facility shall not result in the destruction or adverse modification of the critical habitat or cause or contribute to the taking of endangered or threatened species.

14.8 Texas Historical Commission Review [30 TAC 330.61(o)]

A background review and archaeological survey were performed under Texas Antiquities Permit #8492. Findings are of "no effect" on archaeological sites. See Appendix F for the Texas Historical Commission review letter documenting compliance with the NRC, Chapter 191, Texas Antiquities Code.

14.9 Groundwater and Surface Water

According to information and maps provided by the Texas Water Development Board, the Landfill site is not located over the Edwards Aquifer recharge zone. The facility is located in the Gulf Coast Aquifer.

14.9.1 Class 1 Material Acceptance

The option to accept Class 1 material for below-grade disposal in cells designed to meet Class 1 requirements is included in the proposed lateral expansion area. As such, these cells must meet the restrictions in 30 TAC §335.584 related to groundwater protection.

The expansion meets the requirements of §335.584(b)(3) and (4), as the facility is not located on a barrier island, peninsula, or within 1,000 feet of an area subject to active shoreline coastal erosion.

The facility is located in the Gulf Coast aquifer. As such, the underlying subgrade of the standard Class 1 landfill cell base liner has been designed using an alternative soil permeability and thickness to conform with the 30 TAC §335.584(b)(2) requirement. The proposed alternative subgrade areas will require a minimum of 18 inches of engineered subgrade (prepared to a maximum hydraulic conductivity of $1x10^{-8}$ centimeters per second [cm/sec]) prior to placement of the compacted soil liner. Design details are provided in Part III SDP.

Additionally, there are certain portions of the expansion area where compliance with 30 TAC §335.584(b)(1) cannot be documented and acceptance of Class 1 waste would require an alternative

subgrade soil permeability and thickness to conform with the intent of the prescribed underlying soil unit in 30 TAC §335.584(b)(1). The equivalent constructible subgrade would be a minimum of 6 inches of engineered subgrade (that meets standard compacted soil liner requirements) prior to placement of the compacted soil liner. However, the proposed Class 1 cell design already includes a minimum of 18 inches of engineered subgrade (prepared to a maximum hydraulic conductivity of $1x10^{-8}$ cm/sec) prior to placement of the compacted soil liner as described above. The 18 inches of engineered subgrade demonstrate confinement equivalency in excess of 30 TAC §335.584(b)(1). Design details are provided in Part III SDP.

The methodology for the equivalency demonstration is from the publication Comparison of Leachate Flow through Compacted Clay Liners and Geosynthetic Clay Liners in Landfill Liner Systems, a technical paper by J.P. Giroud, K Badu-Tweneboah, and K.L. Soderman (Giroud). Equation 18 from this paper provides the steady-state travel time for leachate to adjectively flow through a liner. This equation is as follows:

$$t_{sst} = \frac{\mathrm{nT}}{\mathrm{k}(1 + h/T)}$$

t_{sst} = steady state travel time (sec)
n = effective porosity (%)
T = soil layer thickness (cm)
k = hydraulic conductivity (cm/sec)
h = head (cm)

The following assumptions were made:

- The effective porosity of the prescribed and alternative underlying soil units is 30%. This is within the recommended range provided in Giroud and has also been utilized in a similar TCEQ landfill application that is available for public review online.
- The assumed pressure from liquid on top of the soil column (head) used for all calculations was 30.48 cm (1 foot). This is a conservative assumption, as the head is expected to be lower (1 foot of head is the maximum allowed on top of the landfill liner in TCEQ's solid waste regulations).

The travel time for fluid through 10 feet of soil with a hydraulic conductivity of 1x10-7 cm/sec (i.e., the prescribed underlying soil unit in 30 TAC §335.584(b)(2)) is 26 years. The proposed alternative is: 1.5 feet of soil with a hydraulic conductivity of 1x10-8 cm/sec, which gives a travel time of 26 years, equivalent to the travel time of the prescribed underlying soil unit.

The travel time for fluid through 5 feet of soil with a hydraulic conductivity of $1x10^{-5}$ cm/sec (i.e., the prescribed underlying soil unit in 30 TAC §335.584(b)(1)) is 0.12 years. The constructible equivalency: 6 inches of prepared subgrade soil with a hydraulic conductivity of $1x10^{-7}$ cm/sec, which gives a travel time of 0.48 years, exceeding the travel time of the prescribed underlying soil unit.

15.0 COUNCIL OF GOVERNMENTS AND LOCAL GOVERNMENT REVIEW REQUEST

[30 TAC 330.61(p)]

The applicable council of governments for this facility location is the Golden Crescent Regional Planning Council (GCRPC). Documentation that Parts I and II of this application were submitted to GCRPC for their review for compliance with regional solid waste plans is provided in Appendix F.

APPENDIX A – MAPS & PHOTOGRAPHS

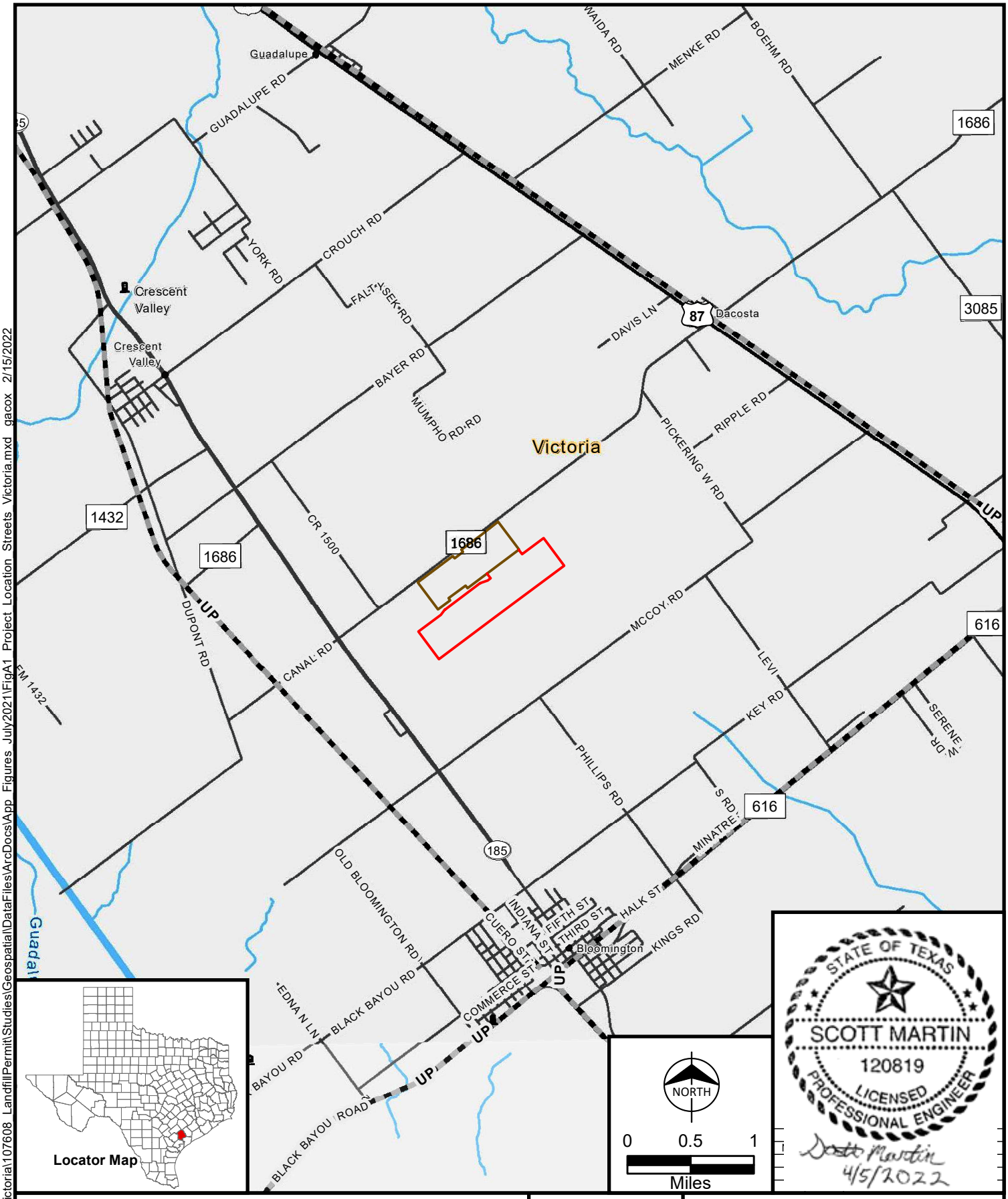
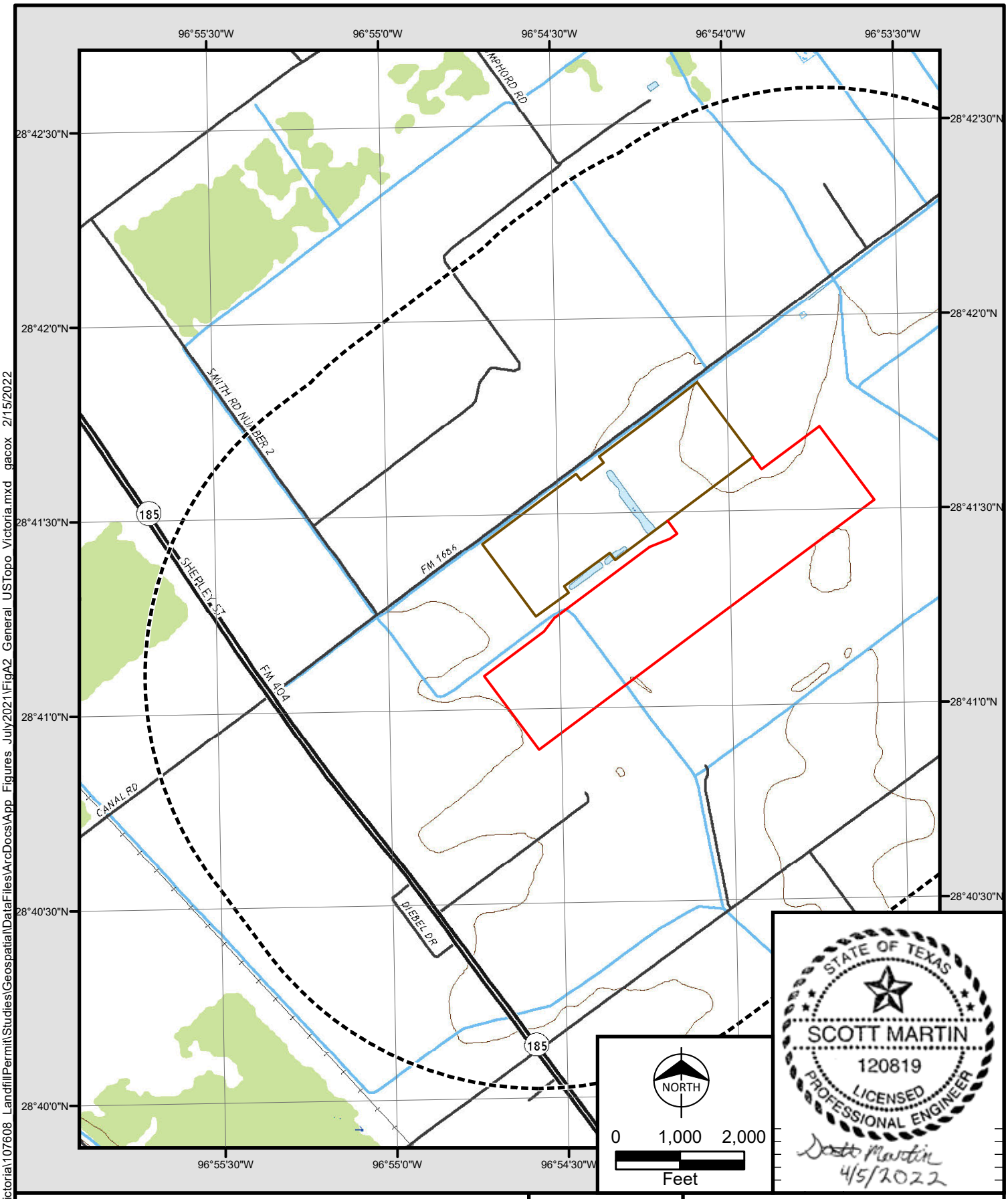


Figure A-1
General Location Map
Victoria Landfill Permit
City of Victoria
Victoria County, TX

Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermitStudies\Geospatial\DataFiles\ArcDocs\App_Figures_July2021\FigA1_Project_Location_Streets_Victoria.mxd gacox 2/15/2022

Source: ESRI; TXDOT; Burns & McDonnell Engineering Company, Inc.

Issued: 2/15/2022



Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermitStudies\Geospatial\DataFiles\ArcDocs\App_Figures_July2021\FigA2_General_USTopo_Victoria.mxd gacox 2/15/2022

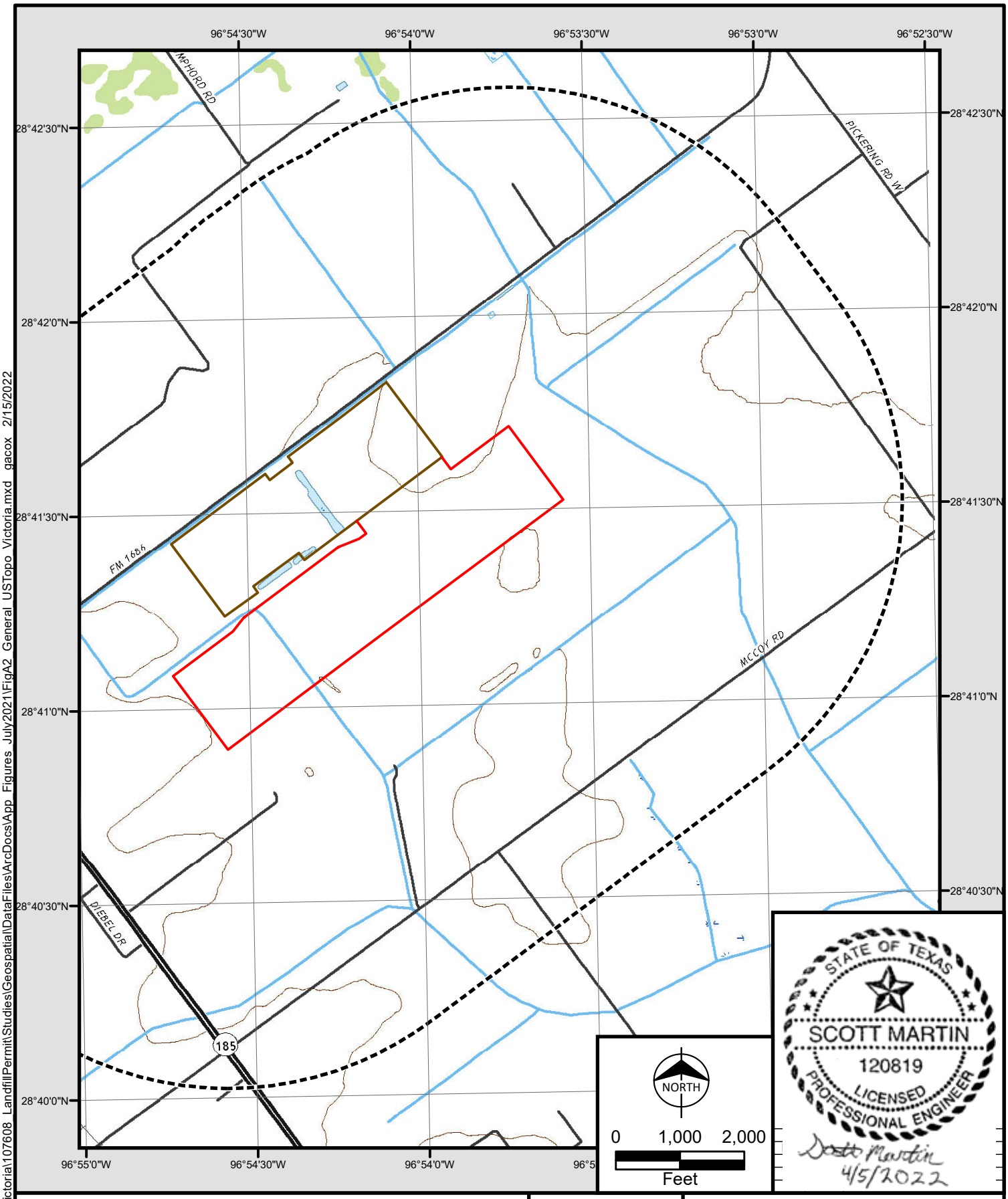
Permitted Landfill Boundary
Proposed Landfill Expansion Boundary
1-Mile Project Radius
National Hydrography Dataset Stream
Roadway
Forested Area

Base Map: USGS US Topo, "Bloomington" (2019).

BURNS McDONNELL

Figure A-2a
General Topographic Map
Victoria Landfill Permit
City of Victoria
Victoria County, TX

Source: USGS; Burns & McDonnell Engineering Company, Inc.



Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermitStudies\Geospatial\DataFiles\ArcDocs\App_Figures_July2021\FigA2_General_USTopo_Victoria.mxd gacox 2/15/2022

- Permitted Landfill Boundary
- Proposed Landfill Expansion Boundary
- 1-Mile Project Radius
- National Hydrography Dataset Stream
- Roadway
- Forested Area

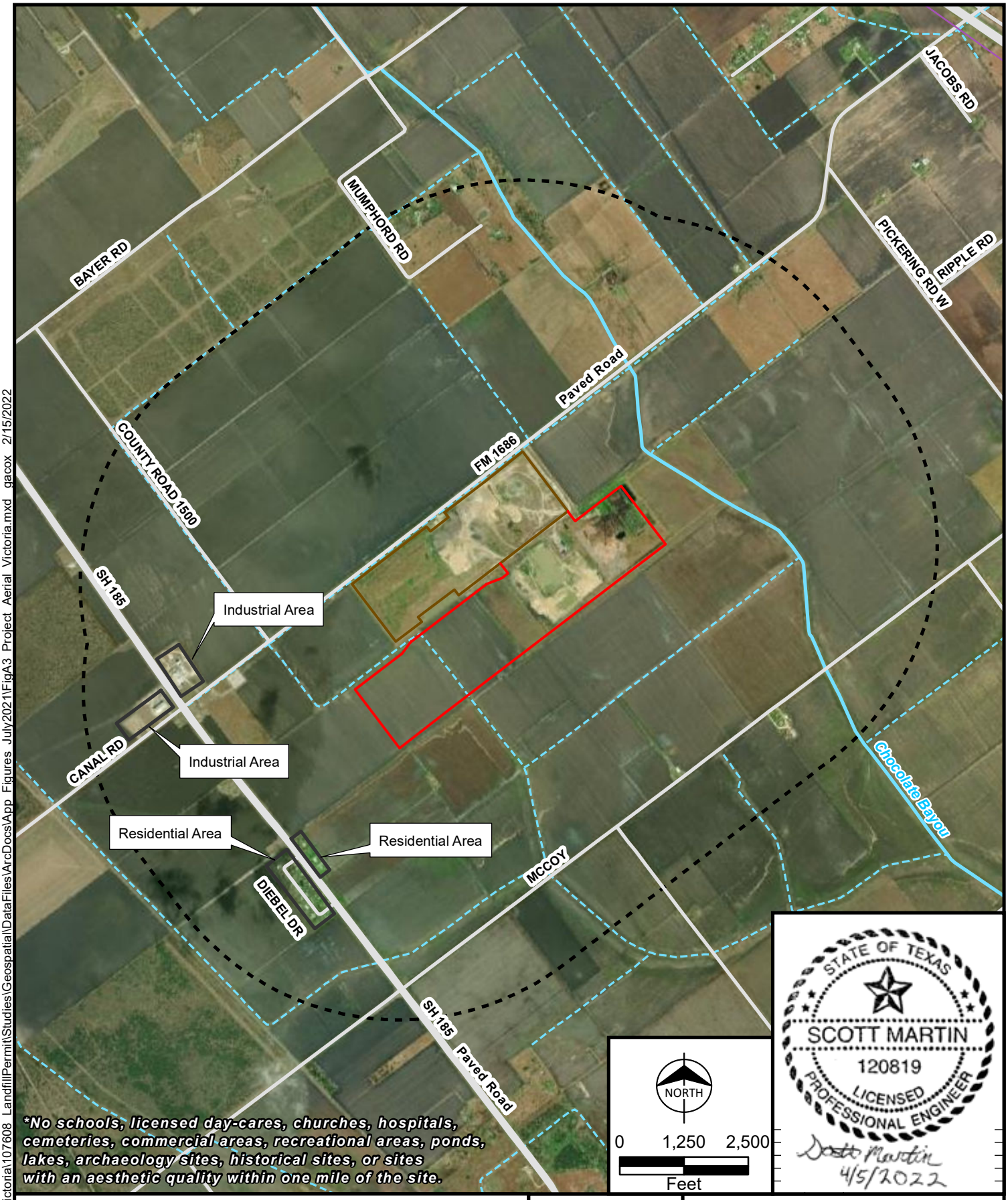
Base Map: USGS US Topo, "Bloomington" (2019).

STATE OF TEXAS
SCOTT MARTIN
120819
LICENSED PROFESSIONAL ENGINEER
4/5/2022

BURNS McDONNELL

Figure A-2b
General Topographic Map
Victoria Landfill Permit
City of Victoria
Victoria County, TX

Source: USGS; Burns & McDonnell Engineering Company, Inc.



Permitted Landfill Boundary

Proposed Landfill Expansion Boundary

1-Mile Project Radius

Chocolate Bayou

National Hydrography Dataset Stream

Roadways

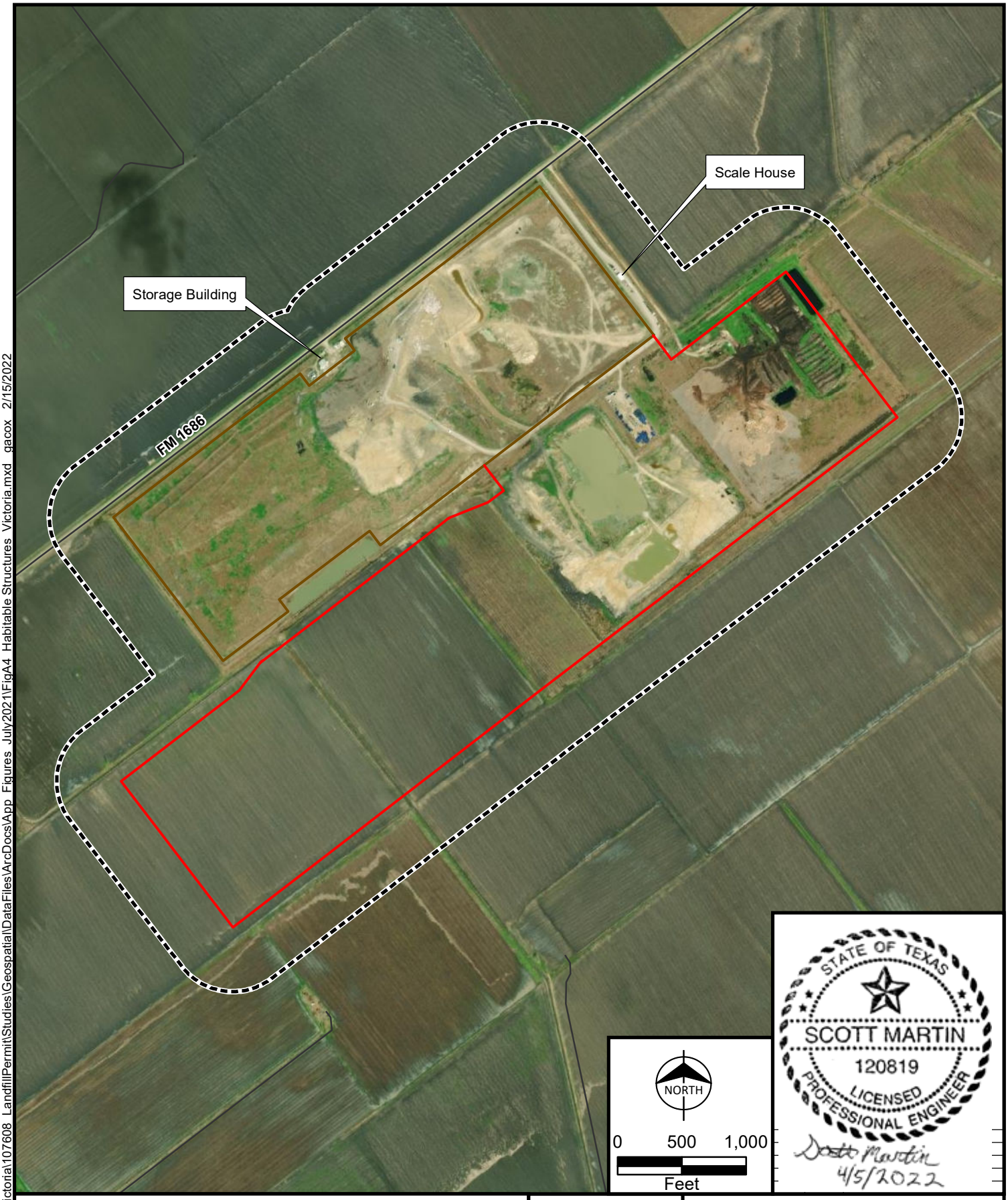
BURNS McDONNELL

Figure A-3
Existing Conditions Aerial
Victoria Landfill Permit
City of Victoria
Victoria County, TX

Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermitStudies\Geospatial\DataFiles\ArcDocs\App_Figures_July2021\FigA3_Project_Aerial_Victoria.mxd gacox 2/15/2022

Source: ESRI; USGS NHD; USDA NAIP (2019); Burns & McDonnell Engineering Company, Inc.

Issued: 2/15/2022



Permitted Landfill Boundary

Proposed Landfill Expansion Boundary

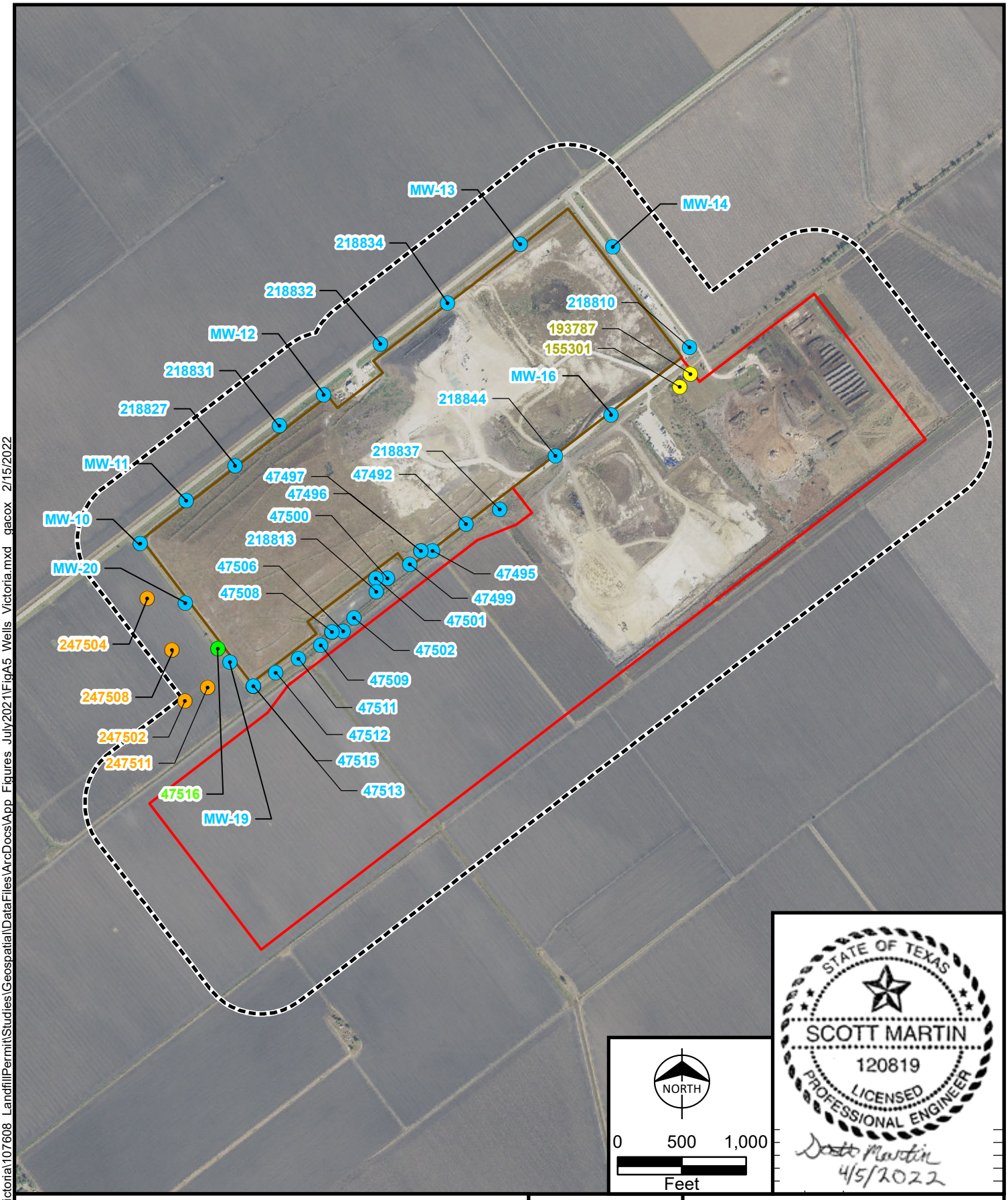
500-Foot Project Radius

BURNS McDONNELL

Figure A-4
Structures and Inhabitable Buildings Within 500 Feet
Victoria Landfill Permit
City of Victoria
Victoria County, TX

Service Layer Credit Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Path: Z:\Clients\ENS\CityVictoria\107608 LandfillPermitStudies\Geospatial\DataFiles\ArcDocs\App Figures July2021\FigA4 Habitable Structures Victoria.mxd gacox 2/15/2022

Source: ESRI; Burns & McDonnell Engineering Company, Inc.



Environmental Soil Boring Well
Industrial Well
Monitoring Well
Test Well

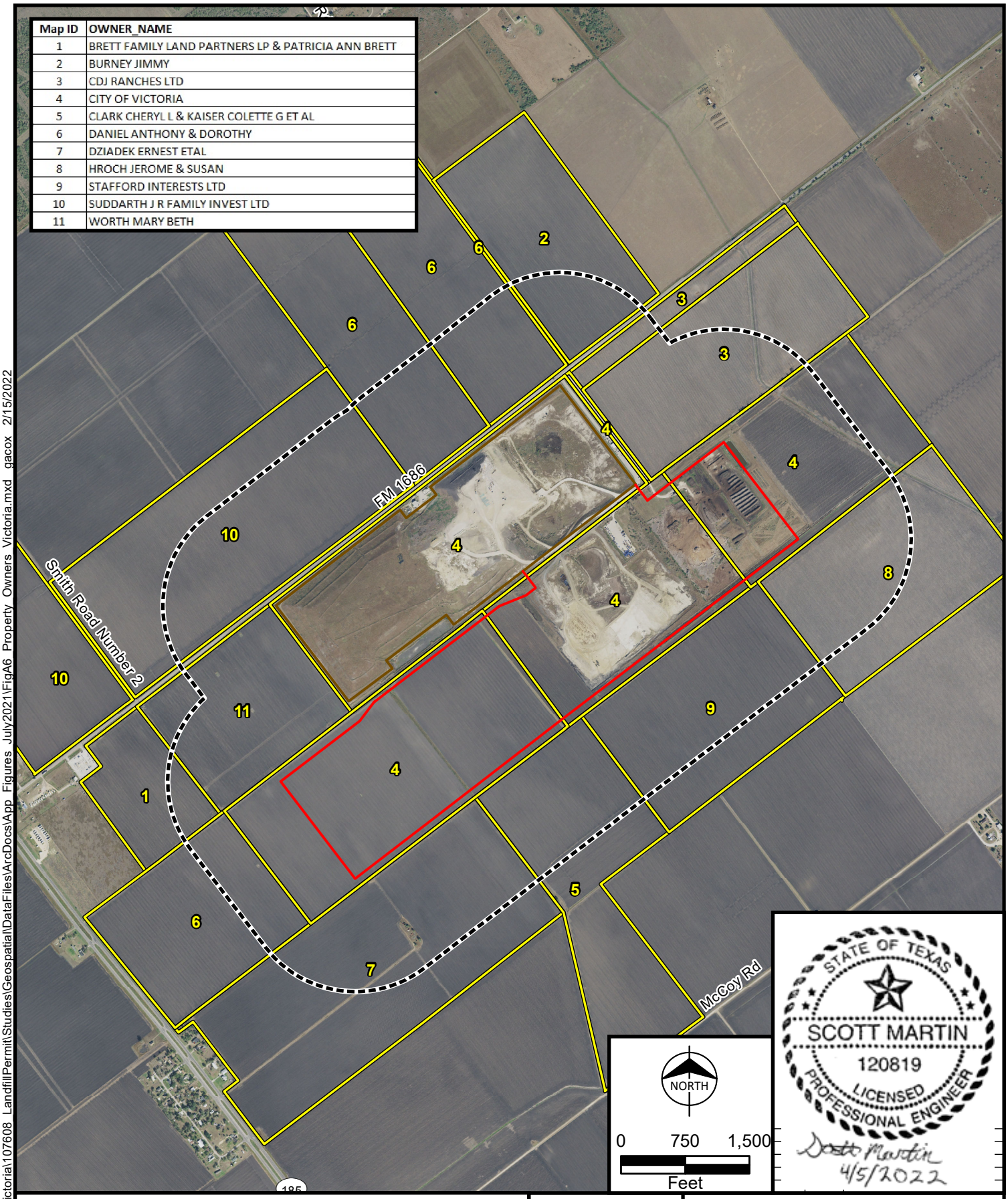
Permitted Landfill Boundary
Proposed Landfill Expansion Boundary
500-Foot Project Radius

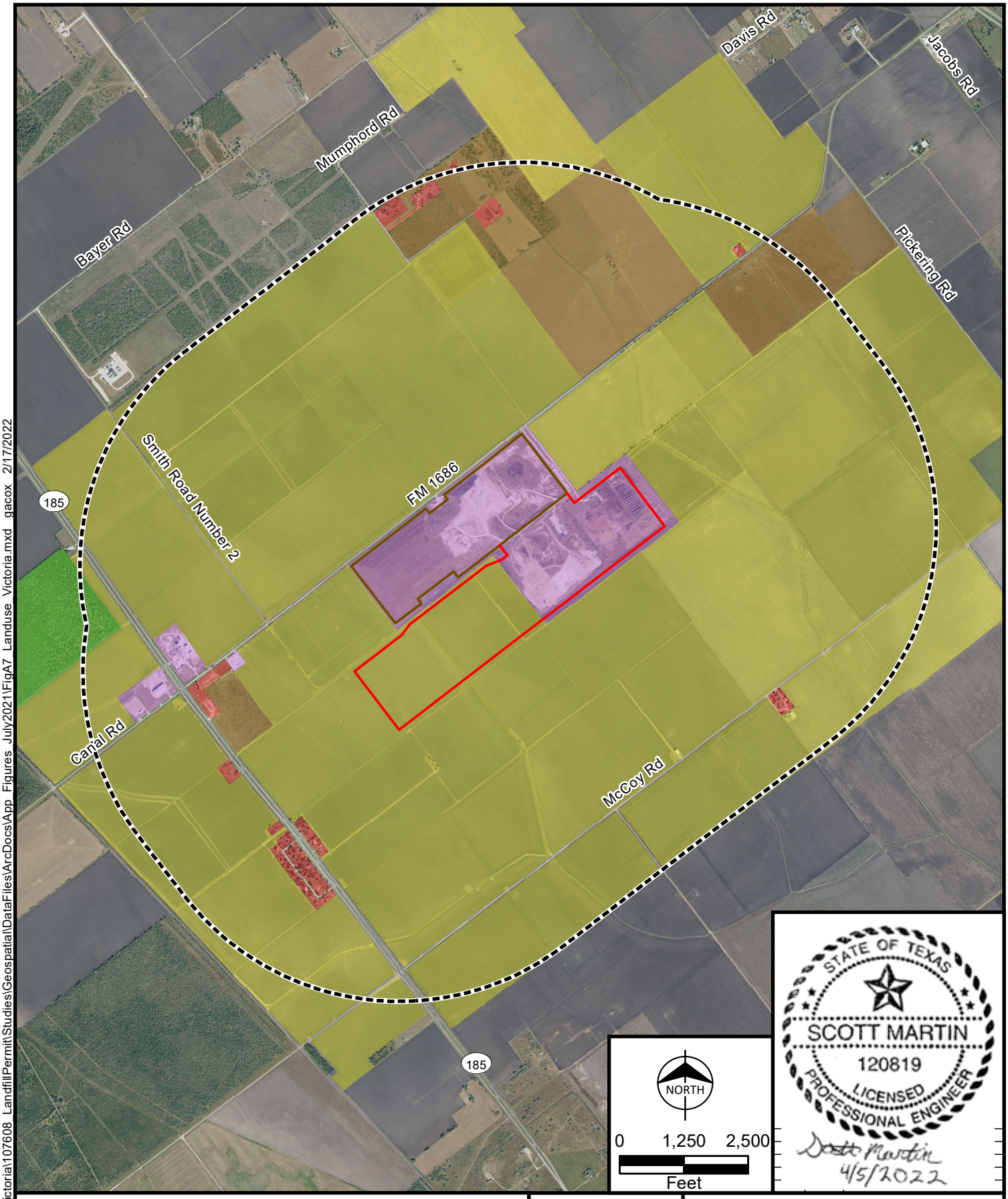
BURNS McDONNELL

Figure A-5
Well Locations
Victoria Landfill Permit
City of Victoria
Victoria County, TX

Service Layer Credit
Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermitStudies\GeospatialDataFiles\ArcDocs\App_Figures_July2021\FigA5_Wells_Victoria.mxd gacox 2/15/2022

Source: ESRI; TWDB; USDA NAIP 2020; Burns & McDonnell Engineering Company, Inc.


Map ID | OWNER_NAME
1 | BRETT FAMILY LAND PARTNERS LP & PATRICIA ANN BRETT
2 | BURNEY JIMMY
3 | CDJ RANCHES LTD
4 | CITY OF VICTORIA
5 | CLARK CHERYL L & KAISER COLETTE G ET AL
6 | DANIEL ANTHONY & DOROTHY
7 | DZIADEK ERNEST ETAL
8 | HROCH JEROME & SUSAN
9 | STAFFORD INTERESTS LTD
10 | SUDDARTH J R FAMILY INVEST LTD
11 | WORTH MARY BETH
FM 1686
Smith Road Number 2
McCoy Rd
NORTH
0 750 1,500
Feet
STATE OF TEXAS
SCOTT MARTIN
120819
LICENSED
PROFESSIONAL ENGINEER
4/5/2022
Permitted Landfill Boundary
Proposed Landfill Expansion Boundary
Parcel Boundary
0.25-Mile Project Radius
BURNS McDONNELL
Figure A-6
Property Ownership
Victoria Landfill Permit
City of Victoria
Victoria County, TX
Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermit\Studies\Geospatial\DataFiles\ArcDocs\App_Figures_July2021\FigA6_Property_Owners_Victoria.mxd gacox 2/15/2022
Source: ESRI; USDA NAIP (2019); Victoria CAD; Burns & McDonnell Engineering Company, Inc.
Issued: 2/15/2022



STATE OF TEXAS
SCOTT MARTIN
120819
LICENSED
PROFESSIONAL ENGINEER
4/5/2022

Permitted Landfill Boundary
Proposed Landfill Expansion Boundary
1-Mile Project Radius

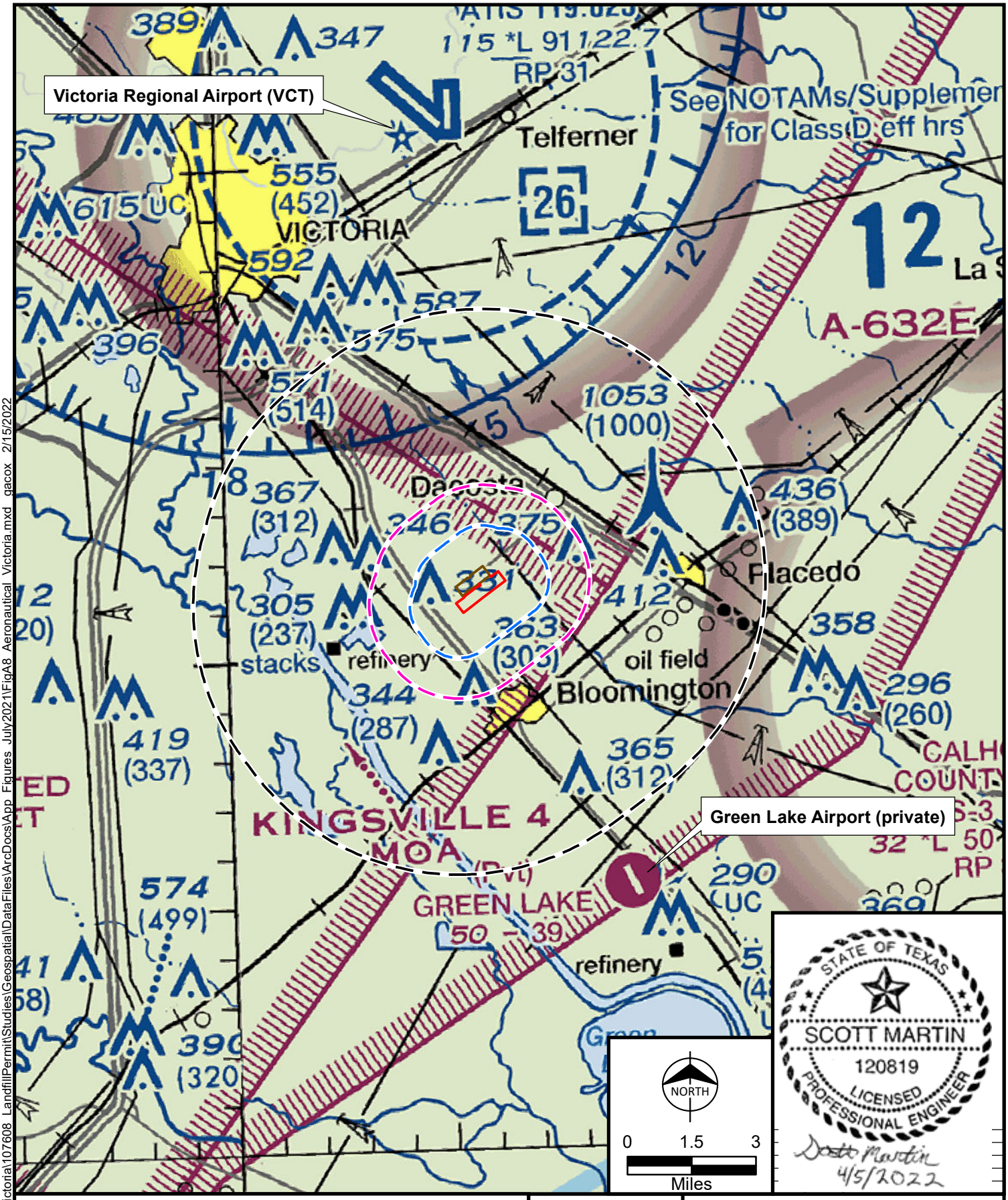
Land Use
- Agricultural Cropland
- Agricultural Rangeland
- Commercial / Industrial
- Forested
- Residential

BURNS McDONNELL

Figure A-7
Land Use
Victoria Landfill Permit
City of Victoria
Victoria County, TX

Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermitStudies\Geospatial\DataFiles\ArcDocs\App_Figures_July2021\FigA7_Landuse_Victoria.mxd gacox 2/17/2022

Source: ESRI; USDA NAIP (2019); MRLC NLCD 2019; Burns & McDonnell Engineering Company, Inc.



Permitted Landfill Boundary

Proposed Landfill Expansion Boundary

5,000 Foot Radius

10,000 Foot Radius

6 Mile Radius

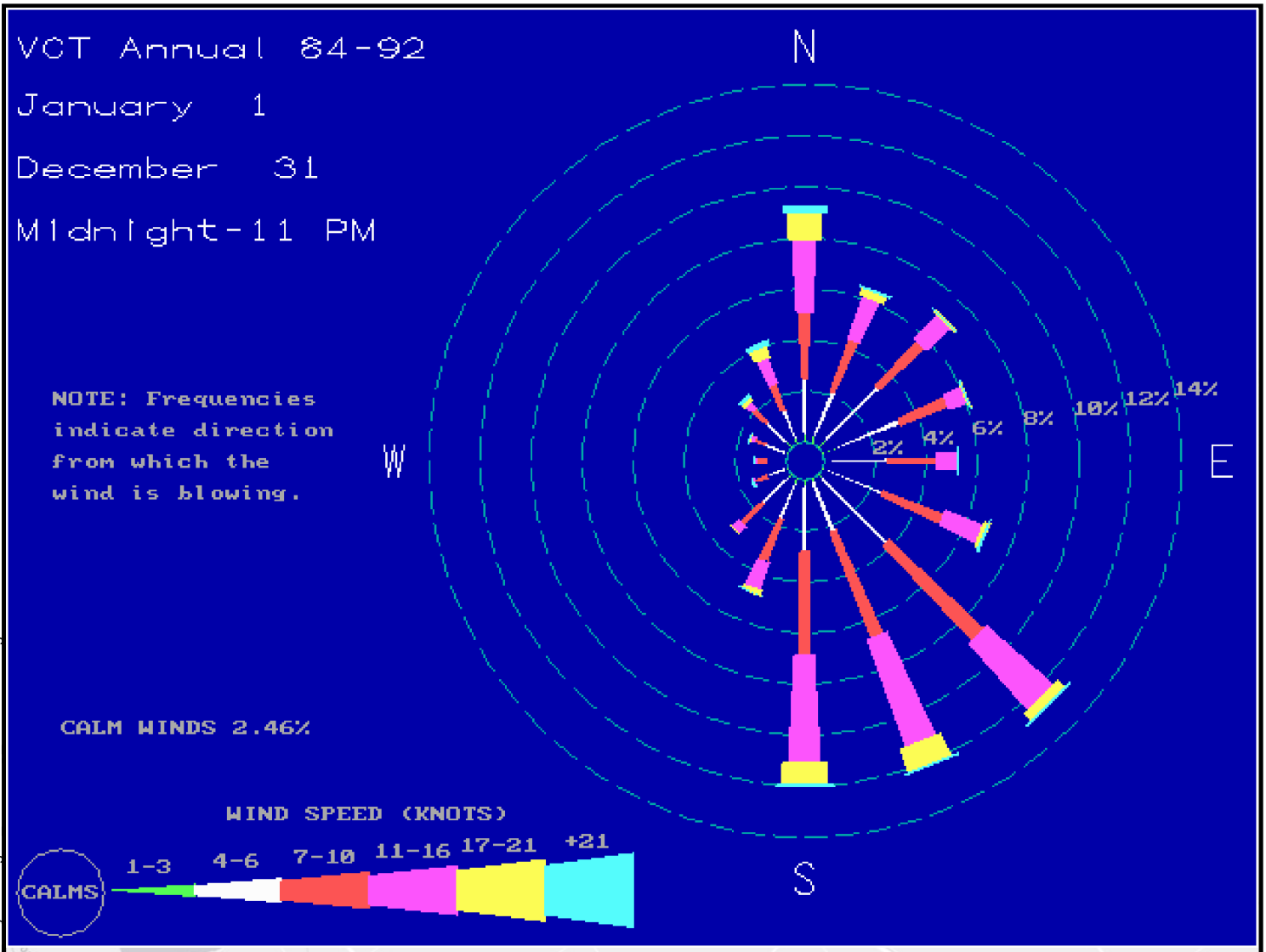
*There are no small general service airports within six miles of the facility and no large general public commercial airports within 5 miles of the facility.

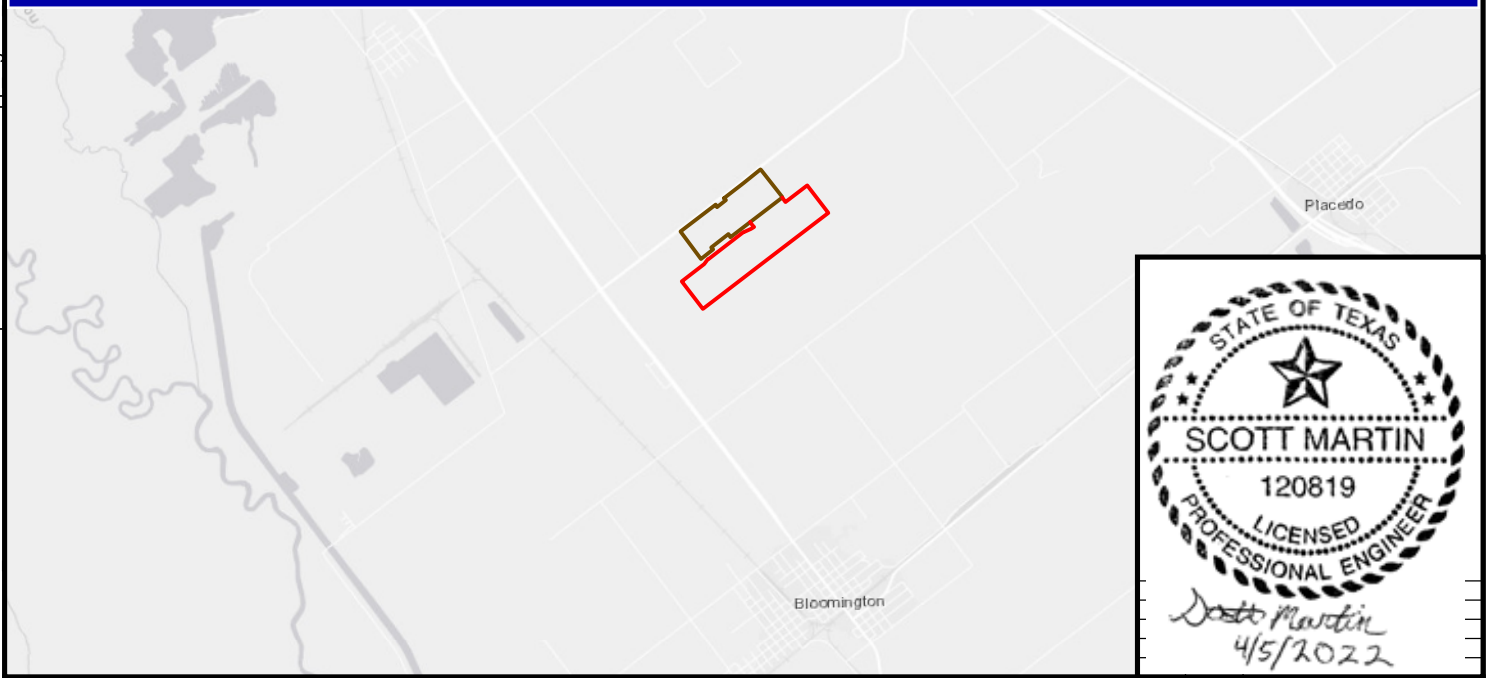
BURNS McDONNELL

Figure A-8
Area Airports
Victoria Landfill Permit
City of Victoria
Victoria County, TX

Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermitStudies\GeospatialDataFiles\ArcDocs\App_Figures_July2021\FigA8_Aeronautical_Victoria.mxd gacox 2/15/2022

Source: ESRI; FAA; Burns & McDonnell Engineering Company, Inc.





STATE OF TEXAS
SCOTT MARTIN
120819
LICENSED
PROFESSIONAL ENGINEER
4/5/2022

Permitted Landfill Boundary

Proposed Landfill Expansion Boundary

NORTH

0 0.75 1.5

Miles

BURNS McDONNELL

Figure A-9
Wind Rose
Victoria Landfill Permit
City of Victoria
Victoria County, TX

Service Layer Credit Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermitStudies\GeospatialDataFiles\ArcDocs\App_Figures_July2021\FigA9_WindRose_Victoria.mxd gacox 2/15/2022

City of Victoria Landfill
Property Owner Mailing Addresses

1) BRETT FAMILY LAND PARTNERS LP & PATRICIA ANN BRETT
194 FM 1679
PORT LAVACA TX 77979

2) BURNEY JIMMY
2214 FANCY GAP LANE
AUSTIN TX 78745

3) CDJ RANCHES LTD
6034 N STATE HWY 119
YORKTOWN TX 78164

4) CITY OF VICTORIA
PO DRAWER 1758
VICTORIA TX 77902

5) CLARK CHERYL L & KAISER COLETTE G ET AL
4606 HANSELMAN ROAD
VICTORIA TX 77905

6) DANIEL ANTHONY & DOROTHY
PO BOX 181
TIVOLI TX 77990

7) DZIADEK ERNEST ETAL
678 HASCHKE ROAD
VICTORIA TX 77905

8) HROCH JEROME & SUSAN
2763 MC COY ROAD
VICTORIA TX 77905

9) STAFFORD INTERESTS LTD
1502 AUGUSTA DRIVE SUITE 415
HOUSTON TX 77057

10) SUDDARTH J R FAMILY INVEST LTD
11836 STUCKEY LANE
HOUSTON, TX 77024

11) WORTH MARY BETH
119 HAIGHT STREET APT 26
SAN FRANCISCO CA 94102

APPENDIX B – FACILITY LAYOUT DRAWINGS

City of Victoria Landfill

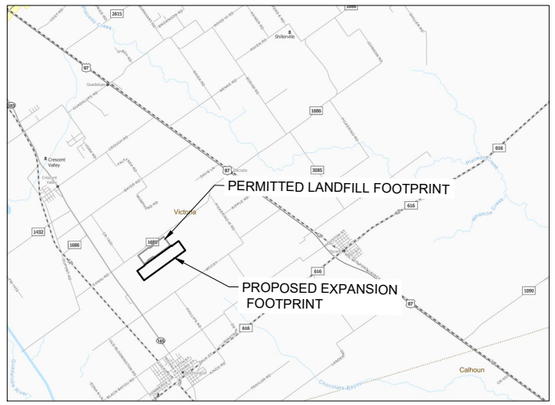
Landfill Expansion Permit Amendment

City of Victoria, TX

TCEQ Permit No. 1522B

MARCH 2022

BMcD Project No. 107608



GENERAL LOCATION MAP

0 10000' 20000'
SCALE IN FEET
N

ONE OR TWO CHARACTER DISCIPLINE DESIGNATOR (MAY NOT BE PRESENT IF CALLOUT AND TITLE ARE ON DRAWINGS WITHIN THE SAME DISCIPLINE)

A / FP001

LETTER OR NUMBER DESIGNATOR

DRAWING SEQUENCE NUMBER INDICATES WHERE TITLE IS LOCATED (MAY NOT BE PRESENT IF CALLOUT AND TITLE ARE ON THE SAME DRAWING)

SECTION, DETAIL, AND ELEVATION SYMBOL IDENTIFIERS

A / FP001 A / FP001

SECTION CALLOUT EXAMPLE

7 / FP001

DETAIL CALLOUT EXAMPLE

B / A001

ELEVATION CALLOUT EXAMPLE

THE WORD "SECTION" MAY BE REPLACED WITH "ELEVATION" OR "DETAIL"

SECTION A / 001

SECTION, DETAIL, OR ELEVATION TITLE EXAMPLE

SECTION, DETAIL, AND ELEVATION IDENTIFICATION SYSTEM

List of Drawings

STATE OF TEXAS
SCOTT MARTIN
120819
LICENSED PROFESSIONAL ENGINEER

Scott Martin
4/5/2022

SCOTT MARTIN P.E.
LICENSE NO.120819

no.	date	by	ckd	description
A	3/28/22	TJS	SAM	INITIAL SUBMITTAL

FOR PERMITTING PURPOSES ONLY

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
FIRM REG. NO. F-845

COVER - INDEX

NOTES:

1. VICTORIA LANDFILL SITE TOPOGRAPHY (NORTHERN PROPERTY AND EXISTING LANDFILL GRADES) PROVIDED BY COOPER AERIAL SURVEYS CO. DATE OF AERIAL SURVEY: NOVEMBER 24, 2019. SURVEY LIMITS SHOWN ON DRAWING C001.
2. EXPANSION PROPERTY SITE TOPOGRAPHY PROVIDED BY CIVIL CORP. DATE OF GROUND SURVEY: OCTOBER 2, 2018. SURVEY LIMITS SHOWN ON DRAWING C001.
3. TOPOGRAPHY OUTSIDE OF THE AREA DESCRIBED IN NOTES 1 AND 2 WAS OBTAINED FROM THE TEXAS NATURAL RESOURCES INFORMATION SYSTEM, DATED APRIL 1999.
4. THE SURVEY COORDINATES ARE ON THE TEXAS SOUTH CENTRAL STATE PLANE '83, COORDINATE SYSTEM. HORIZONTAL DATUM IS NAVD 1983. VERTICAL DATUM IS NAVD 1988.

ABBREVIATIONS

AC	ACRE
AMSL	HEIGHT ABOVE MEAN SEA LEVEL
BMcD	BURNS & MCDONNELL
CM	CENTIMETER
DWG	DRAWING
E	EAST/EASTING
EB	EXISTING BORING
EL.	ELEVATION
EX.	EXISTING
FM1686	FARM-TO-MARKET ROAD 1686
FT.	FEET
GCCS	GAS COLLECTION AND CONTROL SYSTEM
GCL	GEOSYNTHETIC CLAY LINER
GMP	GAS MONITORING PROBE
HDPE	HIGH-DENSITY POLYETHYLENE
IN.	INCH
INV.	INVERT

ABBREVIATIONS CONT.

K	HYDRAULIC CONDUCTIVITY
LFG	LANDFILL GAS
MIL	1/1,000-INCH
MIN	MINIMUM
MW	MONITORING WELL
N	NORTH / NORTHING
NO.	NUMBER
OZ	OUNCE
OW	OBSERVATION WELL
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT OF WAY
S	SOUTH
SEC	SECOND
TBC	TO BE CONSTRUCTED
TYP.	TYPICAL
W	WEST
YD	YARD

PLAN LEGEND

- PROPERTY BOUNDARY
- EXISTING PAVED ROAD
- EXISTING GRAVEL ROAD
- EXISTING/PERMITTED WASTE LIMITS
- SURVEY LIMITS
- ADJACENT PARCEL LIMIT
- EXISTING 2' CONTOUR
- EXISTING 10' CONTOUR
- EXISTING DRAINAGE PATH
- EXISTING POND
- EXISTING CHOCOLATE BAYOU FLOOD ZONE
- GROUNDWATER SURFACE CONTOUR
- EXISTING STRUCTURE
- EXISTING FENCE
- EXISTING OVERHEAD ELECTRICAL
- EXISTING EASEMENT
- EXISTING LEACHATE/CONDENSATE FORCE MAIN
- EXISTING AIR SUPPLY LINE
- EXISTING LFG HEADER/LATERAL
- EXISTING LFG EXTRACTION WELL
- SURVEY CONTROL POINT
- EXISTING GAS MONITORING PROBE
- EXISTING GROUNDWATER MONITORING WELL
- EXISTING GEOTECHNICAL BORING LOCATION
- EXISTING CULVERT
- EXISTING VALVE
- EXISTING CONDENSATE SUMP
- EXISTING LIGHT POLE
- EXISTING TBC DESIGN 10' CONTOUR
- EXISTING TBC DESIGN 2' CONTOUR
- PROPOSED 2' CONTOUR
- PROPOSED 10' CONTOUR
- PROPOSED PAVED ROAD
- PROPOSED GRAVEL ROAD
- PROPOSED LIMIT OF FILL
- PROPOSED PERMIT BOUNDARY/PROJECT LIMIT
- PROPOSED WASTE LIMITS
- PROPOSED CELL BOUNDARY
- PROPOSED LEACHATE PIPE COLLECTION SYSTEM
- PROPOSED LEACHATE/CONDENSATE FORCE MAIN
- EXISTING AIR SUPPLY LINE
- PROPOSED LFG HEADER
- PROPOSED LFG LATERAL
- PROPOSED LFG JUMPER LINE

PLAN LEGEND (CONT.)

- PROPOSED CONDENSATE SUMP
- PROPOSED LFG EXTRACTION WELL
- PROPOSED GROUNDWATER MONITORING WELL
- PROPOSED LFG MONITORING PROBE
- PROPOSED VALVE
- MAXIMUM SEASONAL HIGH GROUNDWATER
- LETDOWN CHUTE
- STORMAWATER CHANNEL/DIVERSION BERM
- PROPOSED BARBED WIRE FENCE

DETAIL LEGEND

- GEOMEMBRANE
- GEOCOMPOSITE
- GEOTEXTILE
- COMPACTED SOIL LINER
- COMPACTED SOIL FINAL COVER/ GENERAL COMPACTED SOIL
- GEOSYNTHETIC CLAY LINER (GCL)
- PROTECTIVE COVER
- PERFORATED PIPE
- CHIMINEY DRAIN/SUMP DRAINAGE ROCK
- SUBGRADE
- VEGETATIVE SOIL
- STORMWATER DETENTION POND AREA

no.	date	by	ckd	description
A	3/28/22	TJS	SAM	INITIAL SUBMITTAL

FOR PERMITTING PURPOSES ONLY

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
FIRM REG. NO. F-845

date	detailed
MARCH 2022	T. CAMMACK
designed	checked
T. SCHMIDT	S. MARTIN

THE CITY OF VICTORIA TEXAS
Victoria County, Texas

1522B PERMIT AMENDMENT

GENERAL NOTES, LEGEND, AND ABBREVIATIONS

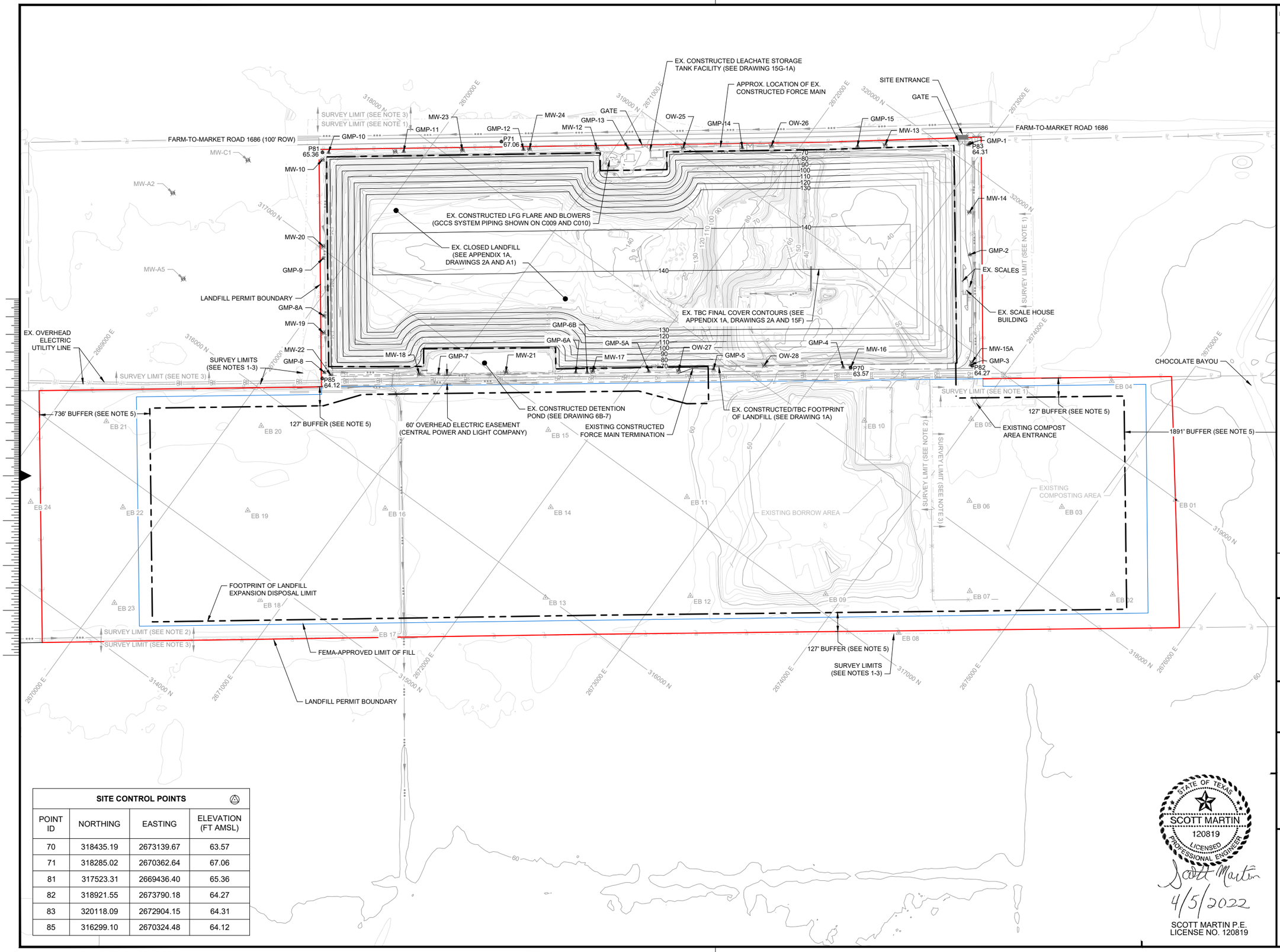
project	contract
107608	-

drawing **G001** – rev. **A**

sheet 2 of 23 sheets
file 107608G001.dwg

STATE OF TEXAS
SCOTT MARTIN
120819
LICENSED
PROFESSIONAL ENGINEER
4/5/2022
SCOTT MARTIN P.E.
LICENSE NO. 120819

Scale For Microfilming
Millimeters
Inches



SITE CONTROL POINTS

POINT ID	NORTHING	EASTING	ELEVATION (FT AMSL)
70	318435.19	2673139.67	63.57
71	318285.02	2670362.64	67.06
81	317523.31	2669436.40	65.36
82	318921.55	2673790.18	64.27
83	320118.09	2672904.15	64.31
85	316299.10	2670324.48	64.12

no.	date	by	ckd	description
A	3/28/22	TJS	SAM	INITIAL SUBMITTAL

NOTE:

1. VICTORIA LANDFILL SITE TOPOGRAPHY (NORTHERN PROPERTY AND EXISTING LANDFILL GRADES) PROVIDED BY COOPER AERIAL SURVEYS CO. DATE OF AERIAL SURVEY: NOVEMBER 24, 2019. SURVEY LIMITS SHOWN ON DRAWING C001.
2. EXPANSION PROPERTY SITE TOPOGRAPHY PROVIDED BY CIVIL CORP. DATE OF GROUND SURVEY: OCTOBER 2, 2018. SURVEY LIMITS SHOWN ON DRAWING C001.
3. TOPOGRAPHY OUTSIDE OF THE AREA DESCRIBED IN NOTES 1 AND 2 WAS OBTAINED FROM THE TEXAS NATURAL RESOURCES INFORMATION SYSTEM, DATED APRIL 1999.
4. THE SURVEY COORDINATES ARE ON THE TEXAS SOUTH CENTRAL STATE PLANE '83, COORDINATE SYSTEM. HORIZONTAL DATUM IS NAVD 1983. VERTICAL DATUM IS NAVD 1988.
5. BUFFERS SHOWN REPRESENT DISTANCE BETWEEN LIMITS OF WASTE AND THE PROPERTY BOUNDARIES.
6. DESIGN CONTOURS REPRESENT TOP OF PREVIOUSLY PERMITTED FINAL COVER. CONTOUR INTERVAL IS 10-FEET.

FOR PERMITTING PURPOSES ONLY

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
FIRM REG. NO. F-845

date	detailed
MARCH 2022	T. CAMMACK
designed	checked
T. SCHMIDT	S. MARTIN

THE CITY OF VICTORIA TEXAS
Victoria County, Texas

1522B PERMIT AMENDMENT

EXISTING CONDITIONS WITH EXPANSION FOOTPRINT

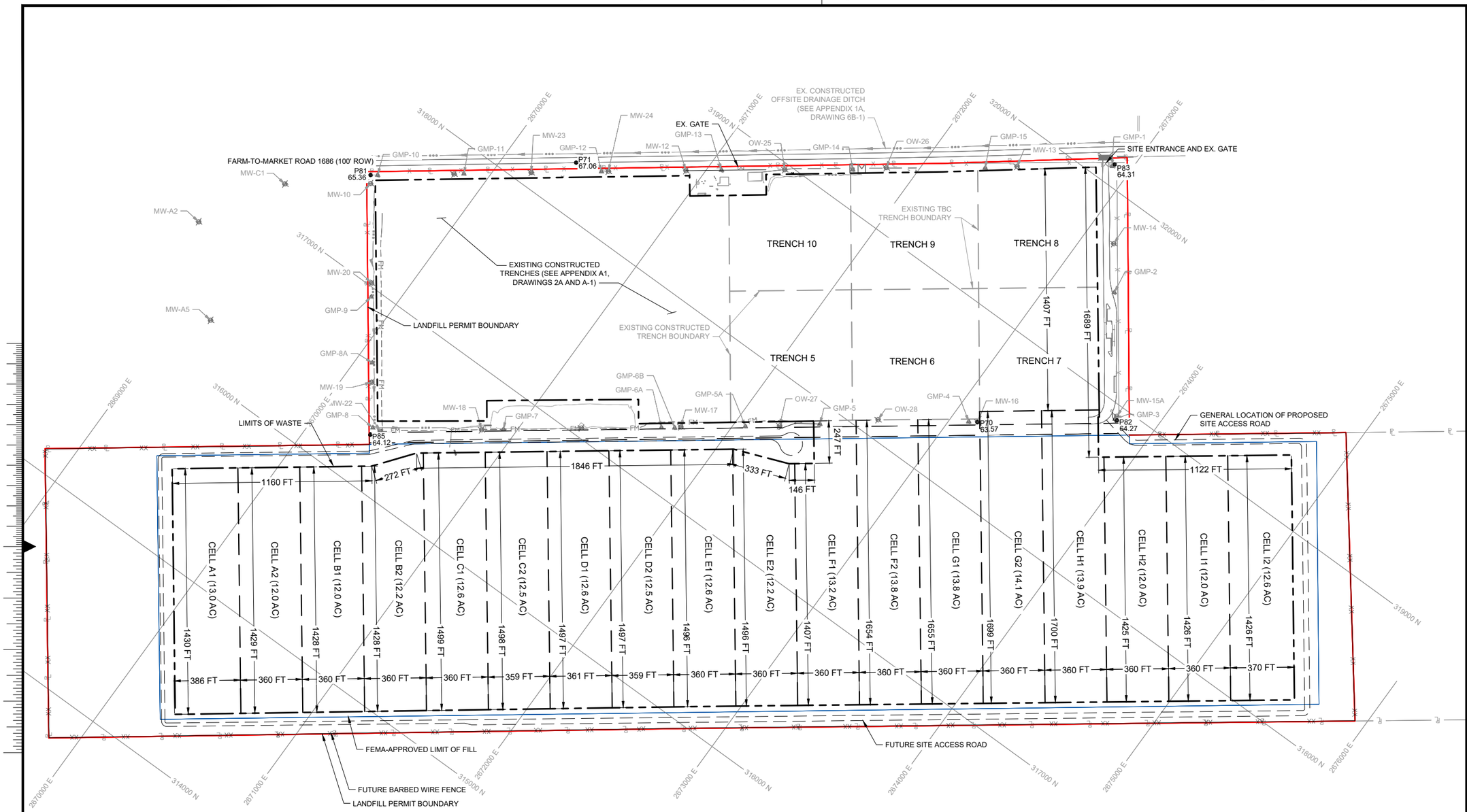
project	contract
107608	-

drawing **C001** rev. **A**

sheet 3 of 23 sheets

file 107608C001.dwg

STATE OF TEXAS
SCOTT MARTIN
120819
LICENSED PROFESSIONAL ENGINEER
Scott Martin
4/5/2022
SCOTT MARTIN P.E.
LICENSE NO. 120819



no.	date	by	ckd	description
A	3/28/22	TJS	SAM	INITIAL SUBMITTAL

NOTES:

1. THE SURVEY COORDINATES ARE ON THE TEXAS SOUTH CENTRAL STATE PLANE '83, COORDINATE SYSTEM. HORIZONTAL DATUM IS NAVD 1983. VERTICAL DATUM IS NAVD 1988.

NORTH

0 300' 600'
SCALE IN FEET

FOR PERMITTING PURPOSES ONLY

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
FIRM REG. NO. F-845

date	detailed
MARCH 2022	T. CAMMACK
designed	checked
T. SCHMIDT	S. MARTIN

THE CITY OF VICTORIA TEXAS

Victoria County, Texas

1522B PERMIT AMENDMENT

LANDFILL CELL EXPANSION PLAN

project	contract
107608	-

drawing **C002 – A** rev.

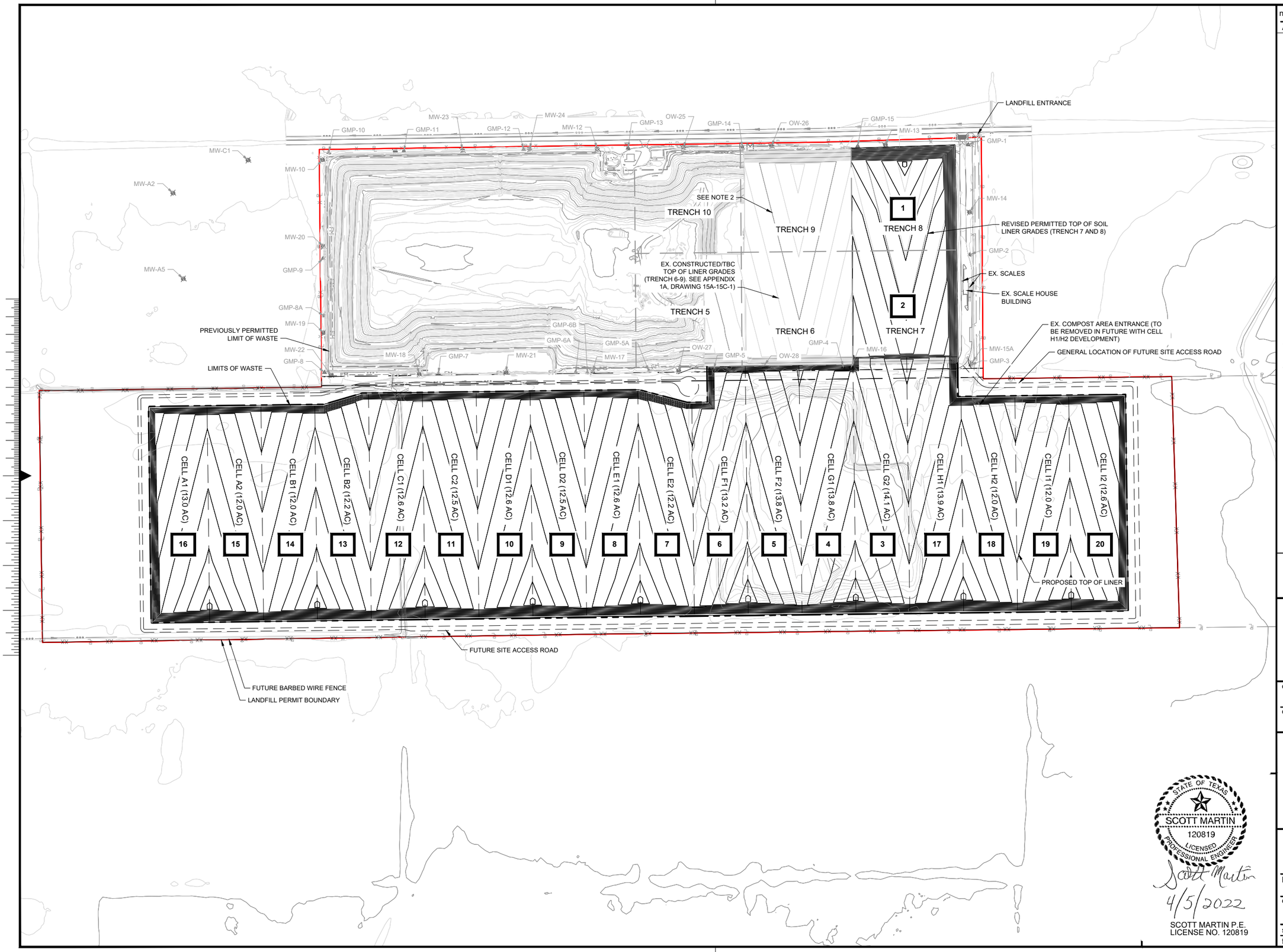
sheet 4 of 23 sheets

file 107608C002.dwg

STATE OF TEXAS
SCOTT MARTIN
120819
LICENSED PROFESSIONAL ENGINEER

Scott Martin
4/5/2022

SCOTT MARTIN P.E.
LICENSE NO. 120819



no.	date	by	ckd	description
A	3/28/22	TJS	SAM	INITIAL SUBMITTAL

NOTES:

1. CELLS A1-I2 ARE SUITABLE FOR DISPOSAL OF BOTH MSW AND CLASS 1 WASTE. CLASS 1 WASTE SHALL BE DISPOSED BELOW THE EXTERIOR BERM ELEVATION (66.4' AMSL), AND COVERED BY A 4-FOOT CLAY RICH SOIL BARRIER. MSW WASTE MAY BE DISPOSED OF BELOW THE EXTERIOR BERM ELEVATION AND/OR ABOVE THE CLASS 1 WASTE CLAY BARRIER.
2. THE WESTERN HALF OF TRENCH 9 AND THE NORTHERN 250 FEET OF TRENCH 6 WEST IS CONSTRUCTED AND IN SERVICE AS OF MAY 2019.
3. DESIGN CONTOURS REPRESENT TOP OF SOIL LINER. CONTOUR INTERVAL IS 2-FEET. BACKGROUND CONTOURS REPRESENT EXISTING GROUND, EXCEPT WITHIN THE TRENCH 6-9 BOUNDARIES AND EASTERN PORTION OF TRENCH 5, WHERE CONTOURS REPRESENT THE PREVIOUSLY PERMITTED TOP OF SOIL LINER.

LEGEND

1 **ORDER OF CELL CONSTRUCTION**

NORTH

0 300' 600'
SCALE IN FEET

PRELIMINARY - NOT FOR CONSTRUCTION

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
FIRM REG. NO. F-845

date	detailed
MARCH 2022	T. CAMMACK
designed	checked
T. SCHMIDT	S. MARTIN

THE CITY OF VICTORIA TEXAS
Victoria County, Texas

1522B PERMIT AMENDMENT

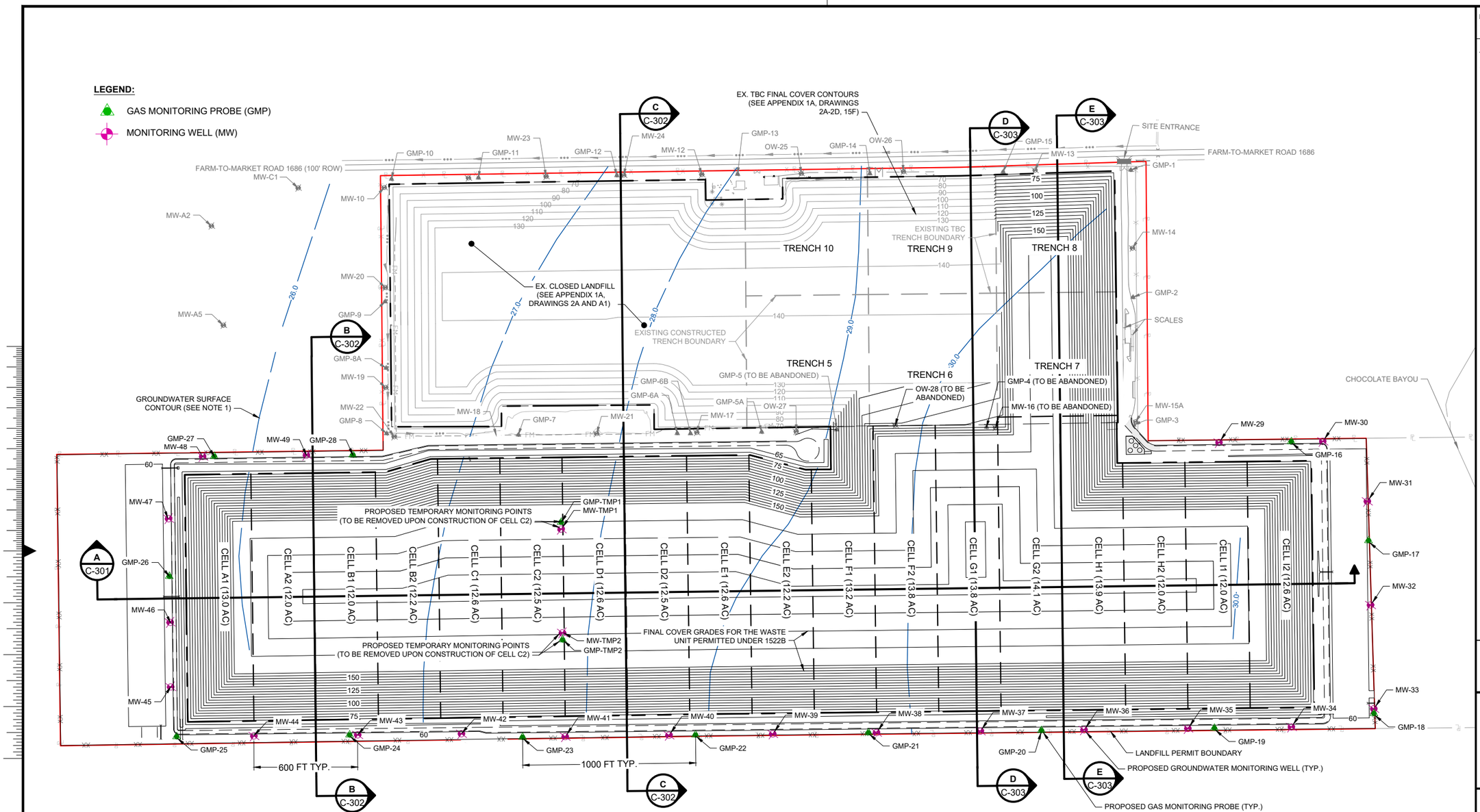
WASTE PLACEMENT PHASING PLAN

project	contract
107608	-

drawing **C003** rev. **A**

sheet 5 of 23 sheets
file 107608C003.dwg

STATE OF TEXAS
SCOTT MARTIN
120819
LICENSED PROFESSIONAL ENGINEER
Scott Martin
4/5/2022
SCOTT MARTIN P.E.
LICENSE NO. 120819



INSTALLATION/ABANDONMENT TABLE		
WELL/PROBE ID	INSTALL DURING CONSTRUCTION OF	ABANDON DURING CONSTRUCTION OF
MW-16	EXISTING	CELL G2
GMP-4	EXISTING	CELL G2
OW-28	EXISTING	CELL F2
GMP-5	EXISTING	CELL F1
MW-29	CELL G2	N/A
MW-30	CELL G2	N/A
MW-31	CELL G2	N/A
MW-32	CELL G2	N/A
MW-33	CELL G2	N/A
MW-34	CELL G2	N/A
MW-35	CELL G2	N/A
MW-36	CELL G2	N/A
MW-37	CELL G2	N/A
MW-38	CELL G2	N/A

INSTALLATION/ABANDONMENT TABLE		
WELL/PROBE ID	INSTALL DURING CONSTRUCTION OF	ABANDON DURING CONSTRUCTION OF
MW-39	CELL G2	N/A
MW-40	CELL G2	N/A
MW-41	CELL G2	N/A
GMP-16	CELL G2	N/A
GMP-17	CELL G2	N/A
GMP-18	CELL G2	N/A
GMP-19	CELL G2	N/A
GMP-20	CELL G2	N/A
GMP-21	CELL G2	N/A
GMP-22	CELL G2	N/A
GMP-TMP1	CELL G2	CELL D1
GMP-TMP2	CELL G2	CELL D1
MW-TMP1	CELL G2	CELL D1
MW-TMP2	CELL G2	CELL D1

INSTALLATION/ABANDONMENT TABLE		
WELL/PROBE ID	INSTALL DURING CONSTRUCTION OF	ABANDON DURING CONSTRUCTION OF
MW-42	CELL D1	N/A
MW-43	CELL D1	N/A
MW-44	CELL D1	N/A
MW-45	CELL D1	N/A
MW-46	CELL D1	N/A
MW-47	CELL D1	N/A
MW-48	CELL D1	N/A
MW-49	CELL D1	N/A
GMP-23	CELL D1	N/A
GMP-24	CELL D1	N/A
GMP-25	CELL D1	N/A
GMP-26	CELL D1	N/A
GMP-27	CELL D1	N/A
GMP-28	CELL D1	N/A

no.	date	by	ckd	description
A	3/28/22	TJS	SAM	INITIAL SUBMITTAL

NOTES:

1. GROUNDWATER CONTOUR LINES SHOWN WERE OBTAINED FROM THE SEPTEMBER 2021 GROUNDWATER ELEVATION MAP IN THE 2021 GEOLOGY REPORT, PREPARED BY BURNS & MCDONNELL ENGINEERING COMPANY INC.
2. PROPOSED POINT OF COMPLIANCE MONITORING WELLS FOR THE EXPANSION AREA INCLUDE MONITORING WELLS MW-17, MW-21, MW-37 THROUGH MW-41, MW-TMP-1, MW-TMP-2, AND OW-27 DURING OPERATION OF CELLS D1 THROUGH G2. UPON CONSTRUCTION OF CELLS A1 THROUGH C2, POINT OF COMPLIANCE MONITORING WELLS WILL ALSO INCLUDE MW-18, MW-22, AND MW-42 THROUGH MW-49. UPON CONSTRUCTION OF CELLS H1 THROUGH I2, MONITORING WELLS MW-15A, MW-29, MW-35, AND MW-36 WILL BE CONVERTED FROM UPGRADIENT MONITORING WELLS TO POINT OF COMPLIANCE MONITORING WELLS.
3. SAMPLE RESULTS FROM THE MARCH 2021 SEMIANNUAL MONITORING EVENT INDICATED ARSENIC EXCEEDED ITS GROUNDWATER PROTECTION STANDARD IN FOUR MONITORING WELLS (MW-18, MW-19, MW-20, AND MW-21). PREVIOUS FINDINGS INDICATE LANDFILL GAS, NOT A RELEASE OF LEACHATE, IS THE CAUSE OF ARSENIC CONCENTRATIONS REPORTED FOR THE CITY OF VICTORIA LANDFILL.

DAVID BARKER, P.G.
LICENSE NO. 12931

SCOTT MARTIN P.E.
LICENSE NO. 120819

FOR PERMITTING PURPOSES ONLY

BURNS McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
Burns & McDonnell Engineering Co, Inc.
FIRM REG. NO. F-845

date	detailed
MARCH 2022	T. CAMMACK
designed	checked
T. SCHMIDT	S. MARTIN

THE CITY OF VICTORIA TEXAS
Victoria County, Texas

1522B PERMIT AMENDMENT

FINAL ENVIRONMENTAL MONITORING PLAN

project	contract
107608	-

drawing **C011** rev. **A**

sheet 13 of 23 sheets
file 107608C011.dwg

APPENDIX C – WASTE ACCEPTANCE PLAN

Texas Commission on Environmental Quality

Waste Acceptance Plan Form
Type I and Type IAE Landfill Facilities

This form is designed to address the requirements for Waste Acceptance Plans in Part II of an application, as required by Title 30 Texas Administrative Code, Chapter 330, §330.61(b)(1). Rules are from Chapter 330 unless otherwise specified. If more space is needed for a line item or table item, include the information on a separate sheet and reference the line or table item.

A. Applicant Information

1. Facility Name: City of Victoria Landfill
2. MSW Permit No.: 1522-B

B. Waste Generation Areas and Population Estimates

Table 1. Areas contributing waste to the facility and estimate of population or population equivalent served by the facility. Values are estimates, not permit limits.

Waste Generation Area	Estimate of Population or Population Equivalent Served in each Area
Calhoun County	24,037
Dewitt County	20,855
Goliad County	8,427
Gonzales County	21,751
Jackson County	14,606
Lavaca County	19,263
Victoria County	93,857

Estimated population or population equivalent served by the facility

202,796

C. General Sources and Types of Waste to be Accepted at the Facility

General sources of waste to be received (household, commercial, industrial, etc.).

Household, Commercial, Institutional, Constructions & Demolition, Industrial (i.e.,Class 1, 2, and 3 industrial non-hazardous solid waste).

2. Types of Waste to be Accepted for Disposal at the Facility

a. Indicate whether the following wastes will be accepted for disposal (check "Yes" for will accept or "No" for will not accept).

i. ☑ Yes ☐ No Municipal solid waste [§330.3(88)]

ii. ☑ Yes ☐ No Construction or demolition waste [§330.3(33)]

iii. ☑ Yes ☐ No Brush [§330.3(18)]

iv. ☑ Yes ☐ No Rubbish [§330.3(130)]

v. ☑ Yes ☐ No Used or scrap tires that have been processed (such as by splitting, shredding, quartering or sidewall removal) in a manner acceptable to the executive director [§330.3(130)]

vi. ☑ Yes ☐ No Class 2 nonhazardous industrial solid waste [§330.3(22), §330.173(i)]

vii. ☑ Yes ☐ No Class 3 nonhazardous industrial solid waste [§330.3(23), §330.173(j)]

b. Indicate whether the following special wastes will be accepted for disposal. These wastes must have been or are to be treated and the treated materials have been tested and are certified to contain no free liquids.

i. ☑ Yes ☐ No Municipal wastewater treatment plant sludge. [§330.3(148)(D), §330.171(c)(7)]

ii. ☑ Yes ☐ No Other types of domestic sewage treatment plant sludge [§330.3(148)(D), §330.171(c)(7)]

iii. ☑ Yes ☐ No Municipal water-supply treatment plant sludge. [§330.3(148)(D), §330.171(c)(7)]

iv. ☑ Yes ☐ No Septic tank pumping waste [§330.171(c)(7)]

v. ☑ Yes ☐ No Grease trap waste. [§330.3(59), §330.171(c)(7)]

vi. ☑ Yes ☐ No Grit trap waste [TAC §330.3(60), §330.171(c)(7)]

vii. ☑ Yes ☐ No Waste from commercial or industrial wastewater treatment plants [§330.3(148)(G), §330.171(b)]

viii. ☐ Yes ☐ No Other liquid waste. Explain _____ [§330.171(c)(7)]

ix. Specify other special wastes to be accepted for disposal that are not listed above and for which free liquids may be an issue.

_____

_____

c. Indicate whether the following Special Wastes will be accepted for disposal.

i. ☑ Yes ☐ No Municipal hazardous waste from conditionally exempt small quantity generators [§330.171(c)(6), §330.3(32)].

ii. ☑ Yes ☐ No Class 1 industrial nonhazardous solid waste (excluding waste that is Class 1 only because of asbestos content). May be accepted only at Type I landfills with a Class 1 cell [§330.3(21), §330.171(b), §330.3(148)(B), §330.173]; may not be accepted at arid exempt [AE] landfills [330.173(a)].

iii. ☑ Yes ☐ No Waste that is Class 1 only because of asbestos content [§330.3(21), §330.171(b), §330.3(148)(B), §330.171(c)(3)(I), 30 TAC §330.171(c)(3)]

iv.	☑ Yes ☐ No	Waste from commercial air pollution control devices [§330.171(b), §330.3(148)(G), §330.331(e)]
v.	☑ Yes ☐ No	Tanks, drums, or containers that were used for shipping or storing any material that has been listed as a hazardous constituent in 40 CFR Part 261, Appendix VII but has not been listed as a commercial chemical product in 40 CFR §261.33(e) or (f) [§330.171(b), §330.3(148)(G)]
vi.	☑ Yes ☐ No	Drugs, other than those contained in normal household waste [§330.171(b), §330.3(148)(J)]
vii.	☑ Yes ☐ No	Contaminated foods, other than those contained in normal household waste [§330.171(b), §330.3(148)(J)]
viii.	☑ Yes ☐ No	Contaminated beverages, other than those contained in normal household waste [§330.171(b), §330.3(148)(J)]
ix.	☑ Yes ☐ No	Empty containers that have been used for pesticide, herbicide, fungicide, or rodenticide, that have been triple-rinsed before receipt at the landfill, are rendered unusable before receipt or on arrival, and are covered by the end of the same working day they are received [§330.171(c)(5)(A)]
x.	☑ Yes ☐ No	Empty containers for which triple-rinsing is not feasible or practical (e.g. paper bags, cardboard containers) that are managed as a municipal hazardous waste from a conditionally exempt small quantity generator or in accordance with requirements for disposal of industrial wastes [§330.171(c)(5)(B), §330.171(c)(6), §330.173]
xi.	☑ Yes ☐ No	Regulated asbestos-containing material (RACM) [40 CFR 261, §330.171(c)(3), §330.3(126)]
xii.	☑ Yes ☐ No	Non-regulated asbestos-containing material (non-RACM) [40 CFR 261, §330.171(c)(4), §330.3(93)]
xiii.	☑ Yes ☐ No	Incinerator ash [§330.3(148)(M), §330.171(b)]
xiv.	☑ Yes ☐ No	Soil contaminated by petroleum products, crude oils, or chemicals in concentrations of greater than 1,500 mg/kg total petroleum hydrocarbons; or contaminated by constituents of concern that exceed the concentrations listed in §335.521(a)(1) [§330.3(148)(N), §330.171(b)(4)] (may be accepted at Type I landfills with Class 1 cells. [§330.331(e)] (Excluded from Type I AE. [§330.173(a)])
xv.	☑ Yes ☐ No	Household-generated used oil filters that have been crushed to less than 20% of original volume or processed by a method other than crushing to remove all free-flowing used oil. The processing method may include (1) having the filter separated into component parts and free-flowing used oil removed from the filter element by compression; (2) having a replaceable filter medium that has been compressed to remove free-flowing used oil; **or** (3) having a housing that has been punctured and the filter drained for at least 24 hours. [§330.171(d)].
xvi.	☑ Yes ☐ No	Waste from oil, gas, and geothermal activities subject to regulation by the Railroad Commission of Texas) [§330.171(b), §330.3(148)(P)]

xvii. ☑ Yes ☐ No Waste generated outside the boundaries of Texas that contains any industrial waste; any waste associated with oil, gas, and geothermal exploration; or any of the special wastes that are indicated in §330.3(148) [§330.171(b), §330.3(148)(Q)]

xviii. ☑ Yes ☐ No Dead animals [§330.171(c)(2)]

xix. ☑ Yes ☐ No Slaughterhouse wastes [§330.171(c)(2)]

xx. ☑ Yes ☐ No Treated medical waste from health care-related facilities. [§330.3(85), §326.75(r)]

xxi. Specify other special wastes to be accepted for disposal that are not listed above:

_____

_____

D. Waste Prohibited from Disposal

The following wastes are prohibited from disposal.

- Any waste not authorized for disposal above, including those for which "No" has been indicated.
- Untreated medical waste. This prohibition may be superseded by the executive director in writing when disposal of untreated medical waste is required to protect human health and the environment from the effects of a natural or man-made disaster. [§330.171(c)(1), §330.3(85)]
- Lead-acid storage batteries. [§330.15(e)(1)]
- Used motor vehicle oil. [§330.15(e)(2)]
- Used oil filters from internal combustion engines except for used oil filters from households that have been processed as described in §330.171(d). [§330.15(e)(3)]
- Whole used or scrap tires. [§330.15(e)(4)]
- Items containing CFCs that have not been handled in accordance with 40 CFR §82.156(f). [§330.15(e)(5)]
- Bulk or noncontainerized liquid waste unless the waste is household waste other than septic waste and as defined by the Paint Filter Test, EPA Method 9095. [§330.15(e)(6), §330.3(81)]
- Containers holding liquids unless: the container is similar in size to those found in household waste, the container is designated to hold liquids for other than storage, **or** the waste is household waste. [§330.15(e)(6), §330.3(81)]
- Regulated hazardous waste [40 CFR §261.3] that is not excluded from regulation as a hazardous waste [40 CFR §261.4(b)] or that was not generated by a conditionally exempt small-quantity generator. [§330.15(e)(7), §330.3(127)]
- Waste that exhibits the characteristics for hazardous waste [40 CFR §261.3] from oil, gas, and geothermal activities subject to regulation by the Railroad Commission of Texas. [§330.15(e)(7)]
- Polychlorinated biphenyl (PCB) wastes, [40 CFR Part 761] unless authorized by the United States Environmental Protection Agency. [§330.15(e)(8)]
- Radioactive materials, [Chapter 336] except as authorized in Chapter 336 or that are subject to an exemption of the Department of State Health Services. [§330.15(e)(9)]

Specify any other wastes to be prohibited for disposal that are not listed above.

E. Material Recovery

Will the facility recover materials from incoming waste? ☐ Yes ☑ No

If yes, provide a descriptive narrative describing the percentage of incoming waste, if applicable, that must be recovered and its intended use.

F. Estimated Maximum Annual Waste Acceptance Rate Projected for Five Years [§330.61(b)(1)(C)]

Provide an **estimated** maximum annual waste acceptance rates at the facility, projected for five years. These rates are not permit limitations.

Table 1. Five-Year Projection for Waste Acceptance.

Year	Estimated Maximum Annual Waste Acceptance Rate
2021	185,000
2022	185,000
2023	185,000
2024	185,000
2025	185,000

G. Storage and Processing Units

Indicate units that will store or process waste at the facility. Describe the wastes that will be stored or processed in these units. Provide the final disposition or use (e.g., landfill disposal, composting) of the processed materials. **Waste storage and processing authorized separately (such as a registered transfer station within the permit boundary of a landfill) should not be included on this form.**

Storage and processing units must be illustrated (or locations described) on site layout figures in Part II of the application.

Examples:

1. Unit: liquid stabilization unit, Purpose: process, Waste Type: liquid waste, Disposition: solidified material to be disposed in a properly authorized landfill; or
2. Unit: grease separation and dewatering unit, Purpose: process, Disposition: water to WWTP and grease to composter or Type I landfill.

Table 1. Waste storage and processing units.

Unit	Purpose	Waste Type Stored or Processed	Final Disposition or Use
Leachate Storage Tanks	☑ Store ☐ Process	Leachate	Leachate to WWTP
	☐ Store ☐ Process		
	☐ Store ☐ Process		
	☐ Store ☐ Process		
	☐ Store ☐ Process		
	☐ Store ☐ Process		

H. Prohibited from Processing

The following wastes are prohibited from processing:

- Any wastes not authorized for processing above.
- Lead-acid storage batteries may not be incinerated. [§330.15(e)(1)]
- Used motor vehicle oil may not be incinerated. [§330.15(e)(2)]
- Regulated hazardous waste [40 CFR §261.3] that is not excluded from regulation as a hazardous waste [40 CFR §261.4(b)] or that was not generated by a conditionally exempt small-quantity generator. [§330.15(e)(7), §330.3(127)]

Specify any other wastes to be prohibited for storage or processing that are not listed above.

I. Special Waste Acceptance Plan [§330.171(b)(2)]

Does this application include an **optional** Special Waste Acceptance Plan?
☑ Yes ☐ No

If yes, please provide its location in the application.

Part IV Site Operating Plan (SOP) Attachment 2

J. Limiting Parameters [§330.61(b)(1)]

1. Regulated Hazardous Waste
   MSW landfills may not accept regulated hazardous waste [§330.3(127)] for processing or disposal. The presence or characteristic of any material meeting the definition of a regulated hazardous waste is a limiting parameter for waste disposal or processing.
2. Free Liquids
   The presence of free liquids, as defined by the Paint Filter Test, EPA Method 9095, in waste, but not household waste and not liquid in containers similar in size to those found in household waste, is a limiting parameter for waste disposal. [§330.15(e)(6), §330.3(81)]
3. PCBs
   The presence of polychlorinated biphenyls (PCB) wastes [40 CFR Part 761] unless authorized by the United States Environmental Protection Agency is a limiting parameter for waste disposal or processing. [§330.15(e)(8)]
4. Radioactive Materials
   The presence of radioactive materials [Chapter 336], except as authorized in Chapter 336 or that are subject to an exemption of the Department of State Health Services, is a limiting parameter for waste disposal or processing. [§330.15(e)(9)]
5. Class 1 Solid Waste

   For all Type I AE landfills and for Type I landfills that do not have a Class 1 cell [330.331(e)] or have chosen to excluded Class 1 industrial nonhazardous solid waste, 1,500 mg/kg TPH and the concentrations in 30 TAC §335.521(a)(1) are limiting parameters for waste disposal.
6. Other limitations:

APPENDIX D – LEGAL DESCRIPTION

THE STATE OF TEXAS}
COUNTY OF VICTORIA}

Being a 454.52 acre tract of land situated partially in the Polito Castillo Survey, Abstract No. 17, partially in the Deciderio Garcia Survey, Abstract No. 38 and partially in the S.A. & M.G.R.R. Co Survey, Abstract No. 388, Victoria County, Texas, said 454.52 acres being comprised of a 159.83 acre tract of land conveyed from Jean L. Stein and Mary L. Titche to The City of Victoria by deed dated December 9, 1983 as recorded in Volume 1179, Page 526 of the Deed Record of Victoria County, Texas, a 104.34 acre tract of land described as Tract I and One-Half (1/2) interest in a 2.22 acre tract of land, described as Tract II, conveyed from Brian Gene Adamek, et ux to The City of Victoria by deed dated April 19, 2006 as recorded in Instrument No. 200605295 of the Official Public Records of Victoria County, Texas, a portion of a 104.34 acre tract of land described as Tract I and One-Half (1/2) interest in a 2.22 acre tract of land, described as Tract II, conveyed from Elaine M. Adamek to The City of Victoria by deed dated April 19, 2006 as recorded in Instrument No. 200605294 of the Official Public Records of Victoria County, Texas, and a 144.00 acre tract of land conveyed from Anthony Daniel to The City of Victoria by deed dated August 2, 2017 as recorded in Instrument No. 201708668 of the Official Public Records of Victoria County, Texas, said 454.52 acre tract being more particularly described by metes and bounds as follows:

BEGINNING at a 5/8 inch diameter iron rod with yellow plastic cap stamped "CIVILCORP" found for the West corner of the herein described tract, said iron rod being the West corner of said 144.00 acre City of Victoria tract, the west corner of a residual 222.47 acre tract of land conveyed from Doris W. Franke, et al to Anthony Daniel as recorded in Volume 293, Page 1332 of the Official Records of said county, in the southeast line of a 74.1 acre tract of land, described as Tract Two, conveyed from Mary Beth Worth, Trustee of the Testamentary Trust of the Will of Edwin E. Pargac to Mary Beth Worth as recorded in Instrument No. 201006397 of the Official Public Records of said county, in the northwest line of the Polito Castillo Survey, Abstract No. 17, and in the southeast line of the Deciderio Garcia Survey, Abstract No. 38, of said county, said iron rod also being North 53°14'21" East, a distance of 2,052.76 feet from a 1" diameter iron pipe found for the West corner of the residual 222.47 acre Daniel tract and in the northeast right-of-way line of State Highway 185 (180' R.O.W.), said iron rod having grid coordinates: North 13,438,563.13, East 2,637,241.30;

THENCE, North 53°14'21" East (deed call, North 54°14'21" East), with the common line of the 144.00 acre City of Victoria tract, the 74.1 acre Worth tract, Abstract No. 17, and Abstract No. 38, a distance of 1,887.41 feet to a 5/8 inch diameter iron rod found for an interior corner of the herein described tract, said iron rod also being an interior corner of the 144.00 acre City of Victoria tract, the East corner of the 74.1 acre Worth tract, and the South corner of the 159.83 acre City of Victoria tract;

THENCE, North 36°34'18" West (deed call, North 33°52'03" West), with the common line of the 74.1 acre Worth tract and the 159.83 acre City of Victoria tract, a distance of 1,587.17 feet (deed call, 1,587.34 feet) to a 5/8 inch diameter iron rod with yellow plastic cap stamped "CIVILCORP" set for the West corner of the 159.83 acre City of Victoria tract and the herein described tract, said iron rod being in the current southeast right-of-way line of Farm-to-Market Highway 1686 (100' R.O.W.);

THENCE, North 53°10'21" East (deed call, North 55°52'00" East), with the southeast right-of-way line of Farm-to-Market Highway 1686, a distance of 3,354.03 feet (deed call, 3,353.77 feet) to a 5/8 inch diameter iron rod found for an angle point in the 159.83 acre City of Victoria tract and the herein described tract;

THENCE, North 52°10'44" East (deed call, North 54°56'53" East), continuing with the with the southeast right-of-way line of Farm-to-Market Highway 1686, a distance of 1,012.03 feet (deed call, 1,012.58 feet) to a 5/8 inch diameter iron rod found for the North corner of 159.83 acre City of Victoria tract, the West corner of the 2.22 acre City of Victoria tract and an angle point in the herein described tract;

THENCE, North 52°28'31" East (deed call, North 54°57' East), continuing with the southeast right-of-way line of Farm-to-Market Highway 1686, a distance of 59.37 feet (deed call, 58.05 feet) to a 5/8 inch diameter iron rod found for the North corner of the 2.22 acre City of Victoria tract and the herein described tract;

THENCE, South 80°29'53" East (deed call, South 77°58'56" East), continuing with the southeast right-of-way line of Farm-to-Market Highway 1686, a distance of 1.88 feet (deed call, 2.12 feet) to a 5/8 inch diameter iron rod set for an interior corner of the Farm-to-Market highway right-of-way and an exterior corner of the 2.22 acre City of Victoria tract and the herein described tract;

THENCE, South 36°27'08" East (deed call, South 33°45'51" East), continuing with the southeast right-of-way line of Farm-to-Market Highway 1686, passing at an approximate distance of 22.2 feet, the West corner of a 116.48 acre tract of land described as Tract IV conveyed from Robert T. Meischen and Marilyn Meischen to the Meischen Family Limited Partnership as recorded in Instrument No. 201214071 of the Official Public Records of said county and continuing with the common line of the 116.48 acre Meischen tract and the 2.22 acre City of Victoria tract for an overall distance of 1,613.88 feet (deed call, 1,613.88 feet) to a concrete monument found marking the South corner of the 116.48 acre Meichen tract, the East corner of the 2.22 acre City of Victoria tract, being in the northwest line of the 104.34 acre City of Victoria tract (Instrument No. 200605295) and an interior corner of the herein described tract;

THENCE, North 53°20'18" East (deed call, South 58°01'43" East), with the southeast line of the 116.48 acre Meischen tract, passing at 122.71 feet, a 5/8 inch diameter iron rod found for the North corner of the 104.34 acre City of Victoria tract (Instrument No. 200605295), same being the West corner of the 104.34 acre City of Victoria tract (Instrument No. 200605294) and continuing for an overall distance of 1260.46 feet to a calculated point for an exterior corner of the herein described tract, said point being South 53°20'18" West, a distance of 1577.76 feet from to a 1/2 inch diameter iron pipe found for the North corner of the 104.34 acre City of Victoria tract (Instrument No. 200605294), same being a westerly corner of a 309.30 acre tract of land conveyed from Johnny L. Kusak, et ux to Donnie D. Hempel and Lisa Hempel as recorded in Instrument No. 200813042 of the Official Public Records of said county;

THENCE, South 37°47'03" East, crossing the 104.34 acre City of Victoria tract (Instrument No. 200605294), a distance of 1,680.26 feet to a calculated point for the East corner of the herein described tract, said point being in the southeast line of the 104.34 acre City of Victoria tract (Instrument No. 200605294), same being the northwest line of a 100 acre tract of land conveyed from Crystal K. Koehn to Jerome J. Hroch and Susan M. Hroch as recorded in Instrument No. 200110677 of the Official Public Records of said county, said calculated point bears South 53°21'40" West, a distance of 1,541.79 feet from a 5/8 inch diameter iron rod found for the East corner of the 104.34 acre City of Victoria tract (Instrument No. 200605294) and the herein described tract, same being the North corner of the 100 acre Hroch tract;

THENCE, South 53°21'40" West (deed call, South 56°03'19" West), with the common line of the 100 acre Hroch tract, passing at approximately 1,052 feet the West corner of the 100 acre Hroch tract, same being the North corner of a 100 acre tract of land conveyed from Robert T. Herin, Jr. Guardian of the Estate of Robert T. Herin, Sr. to Stafford Interests, Ltd. as recorded in Instrument No. 199915138 of the Official Public Records of said county and continuing with the common line of the 100 acre Stafford tract, passing at approximately 3,645 feet the West corner of the 100 Stafford tract, same being the North corner of a 60 acre tract of land described as Tract No. One conveyed from Eldon D. Spiegelhauer to Cheryl L. Clark and Colette G. Kaiser as recorded in Cause No. 1-17385 of the Probate Records of said county and described in Volume 209, Page 575 of the Deed Records of said count, and continuing for an overall distance of 3,852.27 feet to a 5/8 inch diameter iron rod found for an angle point in the herein described tract, same being the South corner of the 104.34 acre City of Victoria tract (Instrument No. 200605295) and the East corner the 144.00 acre City of Victoria tract;

THENCE, South 53°08'30" West (deed call, South 53°08'30" West), with the common line of the 144.00 acre City of Victoria tract and the 60 acre Clark tract, passing at approximately 1,242 feet the West corner of the 60 acre Clark tract and the North corner of a 169.70 acre tract of land conveyed from Bernice Sturdevant to Ernest Dziadek, et ux as recorded in Volume 832, Page 507 of the Deed Records of said county, and continuing for an overall distance of 3,749.49 feet, (deed call, 3,749.49 feet) to a 5/8 inch diameter iron rod with yellow plastic cap stamped "CIVILCORP" found for the South corner of the 144.00 acre City of Victoria tract and herein described tract, said iron rod also being East corner of the residual 222.47 acre Daniel tract;

THENCE, North 36°44'04' West (deed call, North 36°44'04" West), with the common line of the residual 222.47 acre Daniel tract and the 144.00 acre City of Victoria tract, a distance of 1,684.82 feet, (deed call, 1,684.82 feet) to the **POINT OF BEGINNING, CONTAINING** within these metes and bounds 454.52 acres of land, more or less.

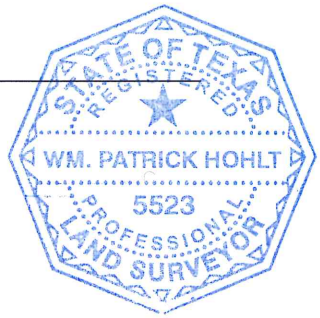
All bearings are based on the Texas Coordinate System, South Central Zone (4204) NAD83. All distances shown are surface and may be converted to grid by dividing by the combined adjustment factor of 1.000130.

A survey drawing of even date herewith accompanies this legal description.

The foregoing Fieldnote Description is based on an actual survey made under my supervision in September 2021 and is true and correct to the best of my knowledge and belief.

Wm Patrick Hohlt

Wm. Patrick Hohlt 10/19/21
Registered Professional Land Surveyor
Texas No. 5523
TXSURV Firm #100576-00



2119303-TFB

LOCATION MAP

293.293 ACRES
JANICE DARDEN, ET AL
TO
J. R. SUNDARTH FAMILY
INVESTMENTS, LTD.
INSTRUMENT NO. 200202262
OFFICIAL PUBLIC RECORDS

TRACT NO. 2
RESIDUAL
100.89 ACRES
ROBERT MALCOLM ERMIS, ET AL
TO
ANTHONY DANIEL, ET UX
VOLUME 0205, PAGE 380
OFFICIAL RECORDS

TRACT NO. 1
RESIDUAL
100.89 ACRES
ROBERT MALCOLM ERMIS, ET AL
TO
ANTHONY DANIEL, ET UX
VOLUME 0205, PAGE 380
OFFICIAL RECORDS

79.44 ACRES
BILLIE RUTH BURNEY
TO
JIMMY BURNEY
INSTRUMENT NO. 2007008857
OFFICIAL PUBLIC RECORDS

194.60 ACRES
JO ANN SPARKES
TO
JEROME J. HROCH
INSTRUMENT NO. 200402029
OFFICIAL PUBLIC RECORDS

2.079 ACRES
MADLYN D. PARGAC
TO
AEP TEXAS CENTRAL COMPANY
INSTRUMENT NO. 200609345
OFFICIAL PUBLIC RECORDS

FARM-TO-MARKET HIGHWAY 1686 (100' R.O.W.)

EDGE OF PAVEMENT
ASPHALT PAVEMENT

SEE DETAIL "B"

N 53° 10' 21" E 3,354.03'
(DEED CALL, N 55° 52' 00" E 3,353.77')

N 52° 10' 44" E 1,012.03'
(DEED CALL, N 54° 56' 53" E 1,012.50')

WINN TRAYLOR SURVEY, A-381
S.A. & M.G.R.R. CO.
A-388

1/2 INTEREST
2.22 ACRES
(TRACT II)
ELAINE M. ADAMEK
TO
THE CITY OF VICTORIA
DATED: APRIL 19, 2006
INSTRUMENT NO. 200605294
OFFICIAL PUBLIC RECORDS
AND
1/2 INTEREST
2.22 ACRES
(TRACT II)
BRIAN GENE ADAMEK, ET UX
TO
THE CITY OF VICTORIA
DATED: APRIL 19, 2006
INSTRUMENT NO. 200605295
OFFICIAL PUBLIC RECORDS

DECIDERIO GARCIA SURVEY, A-38

S 36° 27' 08" E 1,613.88'
(DEED CALL, S 33° 49' 5" E 1,613.88')

S.A. & M.G.R.R. CO.
A-388

116.48 ACRES
(TRACT IV)
ROBERT T. MEISCHEN AND
MARILYN MEISCHEN
TO
MEISCHEN FAMILY LIMITED PARTNERSHIP
(UNDIVIDED 1/2 INTEREST)
INSTRUMENT NO. 201214071
OFFICIAL PUBLIC RECORDS

116.48 ACRES
(TRACT NINE)
CAROLYN JANSKY AND
DONALD GENE JANSKY
TO
CDJ RANCHES, LTD
(UNDIVIDED 1/2 INTEREST)
INSTRUMENT NO. 201301753
OFFICIAL PUBLIC RECORDS
AND DESCRIBED IN
INSTRUMENT NO. 199902230
OFFICIAL PUBLIC RECORDS

159.83 ACRES
JEAN L. STEIN AND
MARY L. TITCHE
TO
THE CITY OF VICTORIA
DATED: DECEMBER 9, 1983
VOLUME 1179, PAGE 526
DEED RECORDS

454.52 ACRES

(DEED CALL, N 32° 49' W 1,580.34')
N 36° 34' 16" W 1,587.34'

RESIDUAL
74.1 ACRES
(TRACT TWO)
MARY BETH WORTH,
TRUSTEE OF THE TESTAMENTARY TRUST
OF THE WILL OF
EDWIN E. PARGAC
TO
MARY BETH WORTH
INSTRUMENT NO. 201006397
OFFICIAL PUBLIC RECORDS

RESIDUAL 40.8 ACRES
MADLYN D. PARGAC, ET AL
TO
BRETT FAMILY LAND PARTNERS, LP
INSTRUMENT NO. 201311868
OFFICIAL PUBLIC RECORDS

24.28 ACRES
WILLIE LOA
& ELGIA LOA
TO
RAFAEL RESENDEZ AND
VERONICA C. RESENDEZ
INSTRUMENT NO. 201306215
OFFICIAL PUBLIC RECORDS

ASPHALT PAVEMENT
EDGE OF PAVEMENT

STATE HIGHWAY 187 (130' R.O.W.)

SEE DETAIL "A"

POB

N 53° 14' 21" E 2,852.76'

RESIDUAL
10 ACRES
ROJERIO LOA
TO
WILLIE LOA
VOLUME 528, PAGE 728
DEED RECORDS

N 53° 14' 21" E 1,887.41'
(DEED CALL, N 53° 14' 21" E 1,887.41')

DECIDERIO GARCIA SURVEY, A-38

ORIGINAL DEED LINE

POLITO CASTILLO
SURVEY, A-17

60' EASEMENT
VOLUME 652, PAGE 292
DEED RECORDS

104.34 ACRES
TRACT I
BRIAN GENE ADAMEK, ET UX
TO
THE CITY OF VICTORIA
DATED: APRIL 19, 2006
INSTRUMENT NO. 200605295
OFFICIAL PUBLIC RECORDS

POND
POND

ORIGINAL DEED LINE

N 53° 20' 18" E 1,260.46'

(DEED CALL, N 56° 01' 43" E 2,030.18')

S 53° 20' 18" E 1,277.76'

POLITO CASTILLO
SURVEY, A-17

APPROXIMATE LOCATION OF FLOOD ZONE X

APPROXIMATE LOCATION OF FLOOD ZONE A

S 37° 47' 03" E 1,680.26'

104.34 ACRES
(TRACT I)
ELAINE ADAMEK
TO
THE CITY OF VICTORIA
DATED: APRIL 19, 2006
INSTRUMENT NO. 200605294
OFFICIAL PUBLIC RECORDS

(DEED CALL, S 33° 51' 02" E 1,686.56')
S 36° 39' 39" E 1,686.56'

1,386.77'

309.30 ACRES
JOHNNY L. KLAAS, ET UX
TO
DONNIE D. HEMPEL AND
LISA HEMPEL
INSTRUMENT NO. 200613842
OFFICIAL PUBLIC RECORDS

S 53° 21' 48" W 1,541.79'

S 53° 08' 30" W 3,749.49'
(DEED CALL, S 53° 08' 28" W 3,749.49')

APPROXIMATELY 1,242'

APPROXIMATELY 2,593'

S 53° 21' 40" W 3,852.27'
(DEED CALL, S 56° 53' 19" W)

APPROXIMATELY 1,852'

169.70 ACRES
BERNICE STURDEVANT
TO
ERNEST DZIADEK, ET UX
VOLUME 832, PAGE 587
DEED RECORDS

60 ACRES
(TRACT NO. ONE)
ELDON S. SPIEGELHAUER
TO
CHERYL L. CLARK AND
COLETTE G. KAISER
CAUSE NO. 1 17305
PROBATE RECORDS
DESCRIBED IN
VOLUME 209, PAGE 672
DEED RECORDS

100 ACRES
ROBERT T. HERIN, JR.
GUARDIAN OF THE ESTATE OF
ROBERT T. HERIN, SR.
TO
STAFFORD INTERESTS, LTD.
INSTRUMENT NO. 199915130
OFFICIAL RECORDS

100 ACRES
PARCEL TWO
CRYSTAL K. KOEHN
TO
JEROME J. HROCH AND
SUSAN M. HROCH
INSTRUMENT NO. 200110077
OFFICIAL PUBLIC RECORDS

POLITO CASTILLO
SURVEY, A-17

S.A. & M.G.R.R. CO.
A-388

314.749 ACRES
ROBERT MALCOLM ERMIS, ET AL
TO
ANTHONY DANIEL, ET UX
VOLUME 205, PAGE 385
OFFICIAL RECORDS

RESIDUAL 222.47 ACRES
DORIS W. FRANKE, ET AL
TO
ANTHONY DANIEL
DATED: SEPTEMBER 10, 1997
VOLUME 293, PAGE 133
OFFICIAL RECORDS

(DEED CALL, N 32° 49' W 1,684.82')
N 36° 44' 04" W 1,684.82'

144.00 ACRES
ANTHONY DANIEL
TO
THE CITY OF VICTORIA
DATED: AUGUST 2, 2017
INSTRUMENT NO. 201706668
OFFICIAL PUBLIC RECORDS

LEGEND

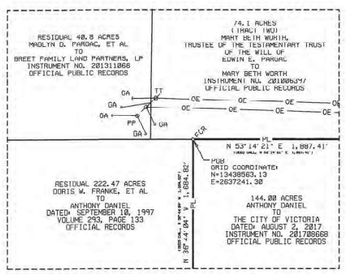
Δ	= CALCULATED POINT
IPF	= 1/2 INCH DIAMETER IRON PIPE FOUND
FCR	= FOUND 5/8 INCH DIAMETER IRON ROD WITH YELLOW PLASTIC CAP STAMPED "CIVILCORP"
FIP	= 1 INCH DIAMETER FOUND IRON PIPE
FIR	= FOUND 5/8 INCH DIAMETER IRON ROD
SIR	= SET 5/8 INCH DIAMETER IRON ROD WITH YELLOW PLASTIC CAP STAMPED "CIVILCORP"
OE	= OVERHEAD ELECTRICAL
PB	= PHONE BOX
PL	= PROPERTY LINE
POB	= POINT OF BEGINNING
PP	= POWER POLE
TT	= TRANSMISSION TOWER
-x-	= EXISTING FENCE

NOTE:

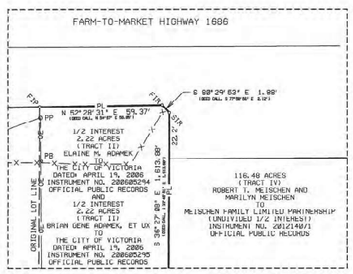
THE REFERENCED IS SUBJECT TO:

1. THIS SURVEY WAS PERFORMED WITHOUT THE AID OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS OR OTHER MATTERS NOT SHOWN THAT MAY AFFECT THE SUBJECT PROPERTY.
2. BEARINGS ARE BASED ON BEARINGS OF RECORD AS RECORDED IN OFFICIAL RECORDS INSTRUMENT NO. 201706668 OF VICTORIA COUNTY, TEXAS.
3. EASEMENT AND/OR RIGHT-OF-WAY TO CENTRAL POWER AND LIGHT COMPANY RECORDED IN VOLUME 650, PAGE 240, DEED RECORDS OF VICTORIA COUNTY, TEXAS.
4. ALL BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4204) NAD83 GEOID 120. ALL DISTANCES SHOWN ARE SURFACE AND MAY BE CONVERTED TO GRID BY DIVIDING BY THE COMBINED ADJUSTMENT FACTOR OF 1.00013.
5. COORDINATES SHOWN ARE THE GRID COORDINATE FOR THE SOUTH CENTRAL ZONE (4204) NAD83 GEOID 120 AND MAY BE CONVERTED TO SURFACE BY DIVIDING BY THE COMBINED ADJUSTMENT FACTOR OF .99987017.
6. THIS PROJECT WAS TIED TO NGS MONUMENT Y48 1910 PID AW8481 WITH A GRID COORDINATE VALUE OF N 13,442,309.57, E 2,664,786.84.

SCALE IN FEET
0 400 800 1200



DETAIL "A"
NOT-TO-SCALE



DETAIL "B"
NOT-TO-SCALE

THE UNDERSIGNED HEREBY CERTIFIES:
THAT THIS SURVEY WAS MADE ON THE GROUND ON 09/28/2021, UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ACCORDING TO THE FLOOD INSURANCE RATE MAP (FIRM) FOR VICTORIA COUNTY, TEXAS, COMMUNITY PANEL NUMBER 480637 0008 B, MAP REVISED SEPTEMBER 18, 1987, THE SUBJECT PROPERTY IS PARTIALLY LOCATED IN ZONE X WHICH IN THIS CASE IS NOT A SPECIAL FLOOD HAZARD AREA AND PARTIALLY LOCATED IN FLOOD ZONE A WHICH IN THIS CASE IS A FLOOD HAZARD AREA.

SIGNED: Wm Patrick Hohlt
WM. PATRICK HOHLT
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS No. 5523 10/20/21

STATE OF TEXAS
WM. PATRICK HOHLT
5523
PROFESSIONAL
LAND SURVEYOR

CivilCorp
ENGINEERING • SURVEYING
4611 AIRLINE ROAD, SUITE 300, VICTORIA, TEXAS 77904
TEL: (361)578-7500 FAX: (361)576-7501
TXEDAY FIRM #12085-00 TXENG FIRM #12083

LANDFILL TREATMENT FACILITY BOUNDARY SURVEY

BEING A 454.52 ACRE TRACT OF LAND, SITUATED PARTIALLY IN THE POLITO CASTILLO SURVEY, ABSTRACT NO. 17, PARTIALLY IN THE DECIDERIO GARCIA SURVEY, ABSTRACT NO. 38, AND PARTIALLY IN THE S.A. & M.G.R.R. CO. SURVEY, ABSTRACT NO. 388, VICTORIA COUNTY, TEXAS, A 104.34 ACRE TRACT OF LAND DESCRIBED AS TRACT I AND ONE-HALF OF A 2.22 ACRE TRACT OF LAND DESCRIBED AS TRACT II AS RECORDED IN VOLUME 1179, PAGE 526 OF THE DEED RECORD OF VICTORIA COUNTY, TEXAS, A 104.34 ACRE TRACT OF LAND DESCRIBED AS TRACT I AND ONE-HALF OF A 2.22 ACRE TRACT OF LAND DESCRIBED AS TRACT II AS RECORDED IN INSTRUMENT NO. 200605295 OF VICTORIA COUNTY, TEXAS, A PORTION OF A 104.34 ACRE TRACT OF LAND, DESCRIBED AS TRACT I AND ONE-HALF OF A 2.22 ACRE TRACT OF LAND, DESCRIBED AS TRACT II AS RECORDED IN INSTRUMENT NO. 200605294 OF VICTORIA COUNTY, TEXAS, A PORTION OF A 309.30 ACRE TRACT OF LAND DESCRIBED IN INSTRUMENT NO. 200613842 OF VICTORIA COUNTY, TEXAS, A PORTION OF A 116.48 ACRE TRACT OF LAND DESCRIBED AS TRACT IV IN INSTRUMENT NO. 201214071 OF VICTORIA COUNTY, TEXAS, A PORTION OF A 116.48 ACRE TRACT OF LAND DESCRIBED AS TRACT NINE IN INSTRUMENT NO. 201301753 OF VICTORIA COUNTY, TEXAS, AND A PORTION OF A 314.749 ACRE TRACT OF LAND DESCRIBED IN DEED DATED APRIL 14, 1983 AS RECORDED IN VOLUME 205, PAGE 385 OF THE DEED RECORDS OF VICTORIA COUNTY, TEXAS, AND CONVEYED FROM ANTHONY DANIEL TO THE CITY OF VICTORIA BY DEED RECORDED IN INSTRUMENT NO. 201706668 OF THE OFFICIAL PUBLIC RECORDS OF VICTORIA COUNTY, TEXAS.

REVISIONS

DRAWN BY: RSJ/WPH
JOB NO.: 2119303
FLD. BK. NO.: NA
DATE: 09/29/21
SCALE: 1" = 400'
SHEET 1 OF 1

WASTE BOUNDARY

THE STATE OF TEXAS}
COUNTY OF VICTORIA}

Being a 359.65 acre tract of land situated partially in the Polito Castillo Survey, Abstract No. 17, partially in the Deciderio Garcia Survey, Abstract No. 38 and partially in the S.A. & M.G.R.R. Co Survey, Abstract No. 388, Victoria County, Texas, said 359.65 acres being comprised of a 159.83 acre tract of land conveyed from Jean L. Stein and Mary L. Titche to The City of Victoria by deed dated December 9, 1983 as recorded in Volume 1179, Page 526 of the Deed Record of Victoria County, Texas, a 104.34 acre tract of land described as Tract I conveyed from Brian Gene Adamek, et ux to The City of Victoria by deed dated April 19, 2006 as recorded in Instrument No. 200605294 of the Official Public Records of Victoria County, Texas, a 104.34 acre tract of land described as Tract I conveyed from Elaine M. Adamek to The City of Victoria by deed dated April 19, 2006 as recorded in Instrument No. 200605294 of the Official Public Records of Victoria County, Texas, and a 144.00 acre tract of land conveyed from Anthony Daniel to The City of Victoria by deed dated August 2, 2017 as recorded in Instrument No. 201708668 of the Official Public Records of Victoria County, Texas, said 359.65 acre tract being more particularly described by metes and bounds as follows:

COMMENING at a 5/8 inch diameter iron rod with yellow plastic cap stamped "CIVILCORP" found for the West corner of the 144.00 acre City of Victoria tract, the West corner of a residual 222.47 acre tract of land conveyed from Doris W. Franke, et al to Anthony Daniel as recorded in Volume 293, Page 1332 of the Official Records of said county, in the southeast line of a 74.1 acre tract of land, described as Tract Two, conveyed from Mary Beth Worth, Trustee of the Testamentary Trust of the Will of Edwin E. Pargac to Mary Beth Worth as recorded in Instrument No. 201006397 of the Official Public Records of said county, in the northwest line of the Polito Castillo Survey, Abstract No. 17, and in the southeast line of the Deciderio Garcia Survey, Abstract No. 38, of said county, said iron rod also being North 53°14'21" East, a distance of 2,052.76 feet from a 1 inch diameter iron pipe found for the West corner of the residual 222.47 acre Daniel tract and in the northeast right-of-way line of State Highway 185 (180' R.O.W.), said iron rod having grid coordinates: North 13,438,563.13, East 2,637,241.30;

THENCE, North 63°00'00" East, a distance of 749.11 feet to a calculated point for a westerly corner of the herein described tract and being **POINT OF BEGINNING** of the herein described tract, said point having grid coordinates: North 13,438,903.22, East 2,637,908.76;

THENCE, crossing the tracts referenced above the following Twenty-Eight (28) calls:

1) North 53°14'29" East, a distance of 1,160.34 feet to a calculated point for an angle point;
2) North 37°48'44" East, a distance of 272.07 feet to a calculated point for an angle point;
3) North 53°17'34" East, a distance of 1,847.31 feet to a calculated point for an angle point;
4) North 68°46'24" East, a distance of 331.73 feet to a calculated point for an angle point;
5) North 53°17'32" East, a distance of 146.37 feet to a calculated point for an interior corner;
6) North 36°42'57" West, a distance of 233.94 feet to a calculated point for an angle point;
7) North 41°11'35" West, a distance of 12.27 feet to a calculated point for an interior corner;
8) South 53°10'22" West, a distance of 1,017.70 feet to a calculated point for an exterior corner;
9) North 36°28'53" West, a distance of 140.93 feet to a calculated point for an interior corner;

10) South 53°33'04" West, a distance of 882.16 feet to a calculated point for an interior corner;

11) South 36°05'51" East, a distance of 118.03 feet to a calculated point for an exterior corner;

12) South 53°50'53" West, a distance of 635.08 feet to a calculated point for an exterior corner;

13) North 36°35'00" West, a distance of 1,402.70 feet to a calculated point for an exterior corner;

14) North 53°09'12" East, a distance of 1,829.32 feet to a calculated point for an exterior corner;

15) South 36°56'33" East, a distance of 118.82 feet to a calculated point for an interior corner;

16) North 53°03'27" East, a distance of 444.57 feet to a calculated point for an interior corner;

17) North 36°45'36" West, a distance of 118.08 feet to a calculated point for an exterior corner;

18) North 53°09'11" East, a distance of 1,030.83 feet to a calculated point for an angle point;

19) North 52°13'03" East, a distance of 889.03 feet to a calculated point for an exterior corner;

20) South 36°47'58" East, a distance of 733.66 feet to a calculated point for an angle point;

21) South 36°46'06" East, a distance of 721.19 feet to a calculated point for an exterior corner;

22) South 53°10'22" West, a distance of 7.23 feet to a calculated point for an interior corner;

23) South 36°42'29" East, a distance of 233.87 feet to a calculated point for an interior corner;

24) North 53°20'18" East, a distance of 1,122.30 feet to a calculated point for an exterior corner;

25) South 36°42'26" East, a distance of 1,425.80 feet to a calculated point for an exterior corner;

26) South 53°21'40" West, a distance of 3,501.30 feet to a calculated point for an angle point;

27) South 53°08'30" West, a distance of 3,012.05 feet to a calculated point for an exterior corner;

28) North 36°42'26" West a distance of 1,429.56 feet to the **POINT OF BEGINNING, CONTAINING** within these metes and bounds 359.65 acres of land, more or less.

All bearings are based on the Texas Coordinate System, South Central Zone (4204) NAD83. All distances shown are surface and may be converted to grid by dividing by the combined adjustment factor of 1.000130.

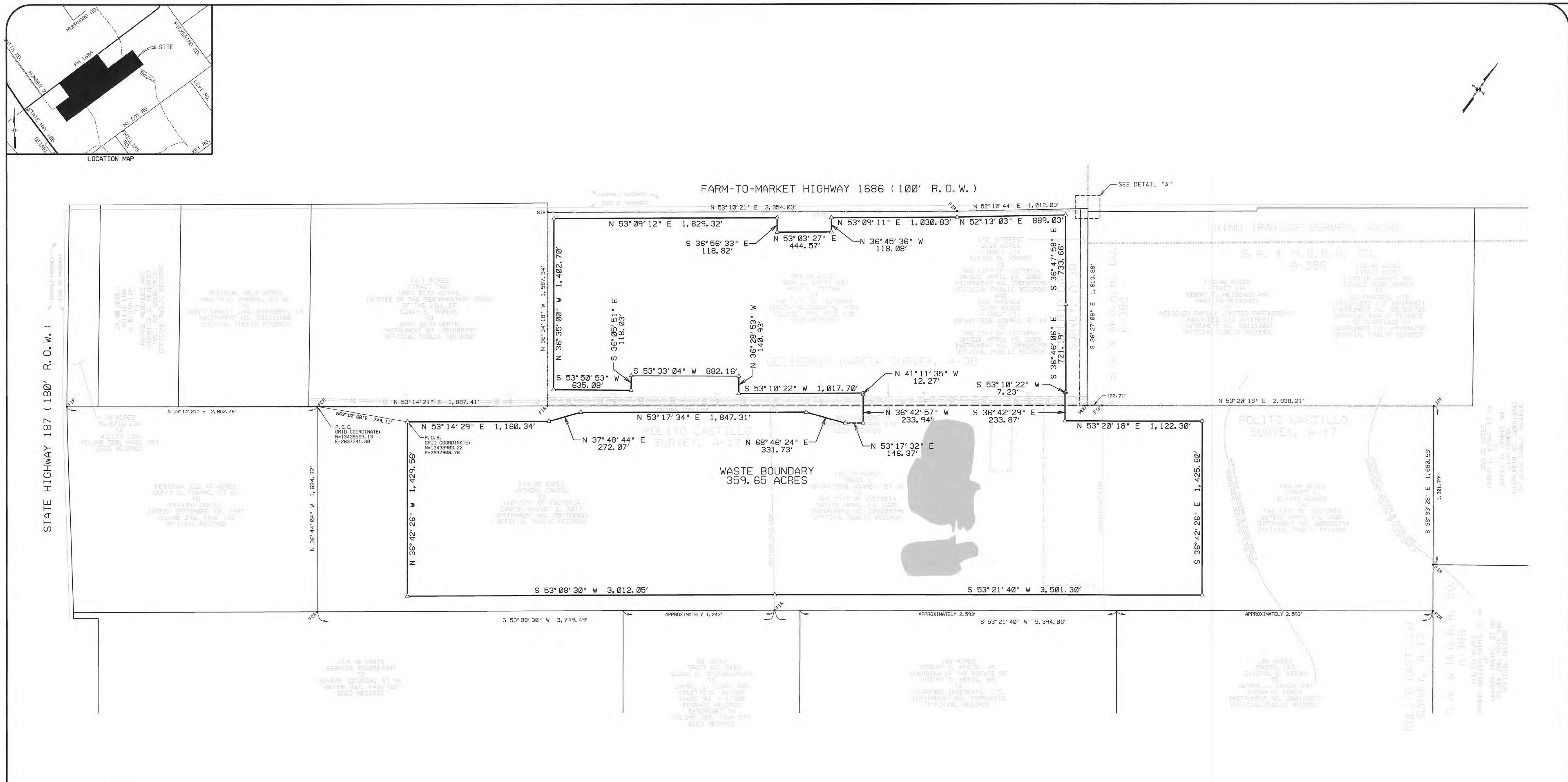
A survey drawing of even date herewith accompanies this legal description.

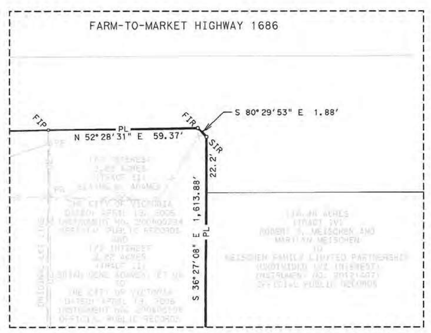
The foregoing Fieldnote Description is based on an actual survey made under my supervision in September 2021 and is true and correct to the best of my knowledge and belief.

Wm Patrick Hohlt

Wm. Patrick Hohlt 9/30/21
Registered Professional Land Surveyor
Texas No. 5523
TXSURV Firm #100576-00

2119303_WB





DETAIL "A"
NOT-TO-SCALE

LEGEND

Δ	= CALCULATED POINT
IPF	= 1/2 INCH DIAMETER IRON PIPE FOUND
FCR	= FOUND 5/8 INCH DIAMETER IRON ROD WITH YELLOW PLASTIC CAP STAMPED "CIVILCORP"
FIP	= 1 INCH DIAMETER FOUND IRON PIPE
FIR	= FOUND 5/8 INCH DIAMETER IRON ROD
SIR	= SET 5/8 INCH DIAMETER IRON ROD WITH YELLOW PLASTIC CAP STAMPED "CIVILCORP"
OE	= OVERHEAD ELECTRICAL
PB	= PHONE BOX
PL	= PROPERTY LINE
POB	= POINT OF BEGINNING
POC	= POINT OF COMMENCING
PP	= POWER POLE
TT	= TRANSMISSION TOWER
—x—	= EXISTING FENCE

NOTE:

THE REFERENCED IS SUBJECT TO:

1. THIS SURVEY WAS PERFORMED WITHOUT THE AID OF A TITLE COMMITMENT. THERE MAY BE EASEMENTS OR OTHER MATTERS NOT SHOWN THAT MAY AFFECT THE SUBJECT PROPERTY.
2. BEARINGS ARE BASED ON BEARINGS OF RECORD AS RECORDED IN OFFICIAL RECORDS INSTRUMENT NO. 201708668 OF VICTORIA COUNTY, TEXAS.
3. EASEMENT AND/OR RIGHT-OF-WAY TO CENTRAL POWER AND LIGHT COMPANY RECORDED IN VOLUME 652, PAGE 292, DEED RECORDS OF VICTORIA COUNTY, TEXAS.
4. ALL BEARINGS ARE BASED ON THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4204) NAD83 GEOID 12B. ALL DISTANCES SHOWN ARE SURFACE AND MAY BE CONVERTED TO GRID BY DIVIDING BY THE COMBINED ADJUSTMENT FACTOR OF 1.000130.
5. COORDINATES SHOWN ARE THE GRID COORDINATE FOR THE SOUTH CENTRAL ZONE (4204) NAD83 GEOID 12B AND MAY BE CONVERTED TO SURFACE BY DIVIDING BY THE COMBINED ADJUSTMENT FACTOR OF .999870017.
6. THIS PROJECT WAS TIED TO NGS MONUMENT V40 1918 PID AN0481 WITH A GRID COORDINATE VALUE OF N 13,442,309.57, E 2,664,706.89.

SCALE IN FEET
0 400 800 1200

THE UNDERSIGNED HEREBY CERTIFIES:
THAT THIS SURVEY WAS MADE ON THE GROUND ON 09/28/2021, UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ACCORDING TO THE FLOOD INSURANCE RATE MAP (FIRM) FOR VICTORIA COUNTY, TEXAS, COMMUNITY PANEL NUMBER 480637 0200 B, MAP REVISED SEPTEMBER 18, 1987, THE SUBJECT PROPERTY IS PARTIALLY LOCATED IN ZONE X WHICH IN THIS CASE IS NOT A SPECIAL FLOOD HAZARD AREA AND PARTIALLY LOCATED IN FLOOD ZONE A WHICH IN THIS CASE IS A FLOOD HAZARD AREA.

STATE OF TEXAS REGISTERED WM. PATRICK HOHLT 5523 PROFESSIONAL LAND SURVEYOR

SIGNED: Wm Patrick Hohlt
WM. PATRICK HOHLT
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS No. 5523
9/30/21

CivilCorp
ENGINEERS • SURVEYORS
4611 AIRLINE ROAD, SUITE 300, VICTORIA, TEXAS 77904
TEL: (361)570-7500 FAX: (361)570-7501
TXSURV FIRM #100576-00 TXENG FIRM #10283

VICTORIA LAND FILL - WASTE BOUNDARY

BEING A 359.65 ACRE TRACT OF LAND SITUATED PARTIALLY IN THE POLITO CASTILLO SURVEY, ABSTRACT NO. 17, PARTIALLY IN THE DECIDERIO GARCIA SURVEY, ABSTRACT NO. 38 AND PARTIALLY IN THE S.A. & M.G.R.R. CO SURVEY, ABSTRACT NO. 388, VICTORIA COUNTY, TEXAS, SAID 359.65 ACRES BEING COMPRISED OF A 159.83 ACRE TRACT OF LAND CONVEYED FROM JEAN L. STEIN AND MARY L. TITCHE TO THE CITY OF VICTORIA BY DEED DATED DECEMBER 9, 1983 AS RECORDED IN VOLUME 1179, PAGE 526 OF THE DEED RECORD OF VICTORIA COUNTY, TEXAS, A 104.34 ACRE TRACT OF LAND DESCRIBED AS TRACT I CONVEYED FROM BRIAN GENE ADAMEK, ET UX TO THE CITY OF VICTORIA BY DEED DATED APRIL 19, 2006 AS RECORDED IN INSTRUMENT NO. 200605294 OF THE OFFICIAL PUBLIC RECORDS OF VICTORIA COUNTY, TEXAS, A 104.34 ACRE TRACT OF LAND DESCRIBED AS TRACT I CONVEYED FROM ELAINE M. ADAMEK TO THE CITY OF VICTORIA BY DEED DATED APRIL 19, 2006 AS RECORDED IN INSTRUMENT NO. 200605294 OF THE OFFICIAL PUBLIC RECORDS OF VICTORIA COUNTY, TEXAS, AND A 144.00 ACRE TRACT OF LAND CONVEYED FROM ANTHONY DANIEL TO THE CITY OF VICTORIA BY DEED DATED AUGUST 2, 2017 AS RECORDED IN INSTRUMENT NO. 201708668 OF THE OFFICIAL PUBLIC RECORDS OF VICTORIA COUNTY, TEXAS.

REVISIONS

DRAWN BY: RSJ/WPH
JOB NO.: 2119303
FLD. BK. NO.: NA
DATE: 09/29/21
SCALE: 1" = 400'
SHEET 1 OF 1

APPENDIX E – AFFIDAVIT AND APPOINTMENTS

Property Owner Affidavit

I, Jesús A. Garza, as City Manager, as authorized signatory for the City of Victoria, acknowledge that the State of Texas may hold the City of Victoria either jointly or severally responsible for the operation, maintenance, and closure and post-closure care of the facility. I acknowledge that the City of Victoria has a responsibility to file with the county deed records an affidavit to the public advertising that the land will be used for a solid waste facility prior to the time that the facility actually begins operating as a municipal solid waste landfill facility, and to file a final recording upon completion of disposal operations and closure of the landfill units in accordance with Title 30 Texas Administrative Code §330.19, Deed Restriction. I further acknowledge that the City of Victoria and the State of Texas shall have access to the property during the active life and post-closure care period.

(Property Owner's Signature)

March 25, 2022
(Date)

STATE OF TEXAS §
§
COUNTY OF VICTORIA §

This instrument was acknowledged before me on the 25th day of March, 2022, by Jesús A. Garza, as City Manager, for the City of Victoria.

APRIL HILBRICH
Notary Public, State of Texas
Comm. Expires 12-30-2024
Notary ID 126762797

Notary Public, State of Texas

APPENDIX F – COORDINATION LETTERS

From: Mike Walsh
To: Martin, Scott
Cc: Valente Olivarez Jr; Michael Brzozowski; Rhonda Moorman
Subject: RE: City of Victoria Landfill Expansion Project
Date: Friday, May 21, 2021 3:50:56 PM
Attachments: image001.png

Mr. Martin,

The Yoakum District has reviewed the proposal for the expansion of the Victoria Landfill located at 18545 FM1686, Bloomington, TX 77951. We do not anticipate any adverse impacts on our roadway as a result of the project. We have no objection to this project moving forward.

Feel free to contact me at 361-293-4347 if you have any additional questions.

Sincerely

Texas Department of Transportation
Michael J. Walsh P.E.
Texas Department of Transportation
Yoakum District
Director of Operations
(361) 293-4347 office
Mike.Walsh@txdot.gov

From: Martin, Scott [mailto:samartin@burnsmcd.com]
Sent: Monday, May 17, 2021 2:56 PM
To: Valente Olivarez Jr <Valente.Olivarez@txdot.gov>; Mike Walsh <Mike.Walsh@txdot.gov>
Cc: Cunningham, Seth T <stcunningham@burnsmcd.com>; Kantner, Debra L <dlkantner@burnsmcd.com>
Subject: FW: City of Victoria Landfill Expansion Project

Hi Valente & Mike –

I am reaching out on behalf of the City of Victoria, Texas in regards to a landfill expansion project for the City's landfill. I spoke to Paul Reitz back in March related to the attached/below request, and understand that he is now retired.

I wanted to follow up with you as we are currently working on the City of Victoria's landfill expansion application and are planning on submitting the application to TCEQ this summer. As part of the application, we are required to demonstrate coordination with TxDOT. I think Paul was planning on talking with TxDOT staff in the Yoakum District (thinking maybe Mike) to confirm that sending letter similar to pg.2 in the second attachment would be acceptable.

Let me know when you have some time to discuss further. Thanks in advance for your time & response and have a good day,

Scott

Note my new office phone #

Scott Martin, PE \ Burns & McDonnell
O 816-276-1574 \ M 816-588-3278
samartin@burnsmcd.com \ burnsmcd.com
9400 Ward Parkway \ Kansas City, MO 64114

Please consider the environment before printing this email.
*Registered in: KS, MO, TX

From: Martin, Scott
Sent: Monday, March 8, 2021 1:02 PM
To: paul.reitz@txdot.gov
Subject: FW: Ciity of Victoria Landfill Expansion Project

Hey Paul –

I left a voice mail for you earlier today regarding the note below. Let me know if you have some time to discuss this week.

Thanks in advance for your time,
Scott

Note my new office phone #

Scott Martin, PE \ Burns & McDonnell
O 816-276-1574 \ M 816-588-3278
samartin@burnsmcd.com \ burnsmcd.com
9400 Ward Parkway \ Kansas City, MO 64114

Please consider the environment before printing this email.
*Registered in: KS, MO, TX

From: Martin, Scott
Sent: Friday, February 26, 2021 5:33 PM
To: paul.reitz@txdot.gov
Cc: Cunningham, Seth T <stcunningham@burnsmcd.com>; Kantner, Debra L <dlkantner@burnsmcd.com>; Schmidt, Tyler J <tjschmidt@burnsmcd.com>
Subject: Ciity of Victoria Landfill Expansion Project

Hi Paul –

Hope this email finds you well. We are working on a Landfill Permit Expansion on behalf of the City of Victoria. The TCEQ Solid Waste Regulations require coordination with TxDOT and other applicable public roadway owners when a TCEQ permit modification application is submitted.

Project Summary:

- The Landfill Address is 18545 FM1686, Bloomington, TX 77951
- The current highways used to access FM1686 are TX-185 and US-87. We don't anticipate any alternative access locations.
- The expansion will add approximately 90 years of capacity to the remaining life
- We are not planning on altering the facility entrance or exterior traffic patterns as part of the modification
- The current site traffic volume is not anticipated to materially increase near term.
    - This can vary, e.g. increase when natural disasters occur or decrease during periods of recession.
    - Victoria County is currently growing at a rate of 0.22%.
    - Historical tonnages are relatively steady with a spike in 2017 and 2018 presumably related to Hurricane Harvey.
    - Using this data, one could extrapolate that landfill traffic counts haven't materially changed in the last ~20 years.

2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
149,131	137,636	151,477	151,500	148,302	155,078	162,939	151,193	143,314	135,931	138,571	159,266	148,157	120,434	149,543	130,715	189,881	186,456	154,675

TCEQ Requirements - The Landfill owner shall:
(1) provide data on the availability and adequacy of roads that the owner or operator will use to access the site;
(2) provide data on the volume of vehicular traffic on access roads within one mile of the proposed facility, both existing and expected, during the expected life of the proposed facility;
(3) project the volume of traffic expected to be generated by the facility on the access roads within one mile of the proposed facility;
(4) submit documentation of coordination of all designs of proposed public roadway improvements such as turning lanes, storage lanes, etc., associated with site entrances with the agency exercising maintenance responsibility of the public roadway involved. In addition, the owner or operator shall submit documentation of coordination with the Texas Department of Transportation for traffic and location restrictions; and

Couple questions for you related to the TCEQ requirements:

1. Are there any recent traffic studies in the area to help us address TCEQ Requirements (1)&(2)? One of our transportation engineers indicated that data from STARS might be helpful. If I am reading the data correctly looks like traffic

counts in the area have increased since when the original map was created.

2. There was some review performed when the landfill underwent a permit modification in 1996. I have clipped applicable text below and attached the references for ease of review. Would TxDOT be amenable to writing a similar letter as contained in the last attachment based on the descriptions herein or is further analysis required?
    a. If further analysis is required, could you let us know the scope required, so that we can include it in our next phase of work to support the permitting?

5. Transportation 330.53(b)(9)

All site traffic will enter from F.M. 1686 via Texas Highway 185 or U. S. Highway 87. Texas Highway 185, U. S. Highway 87 and F. M. 1686 have no weight loading restrictions, beyond the legal limit of 80,000 pounds per vehicle as prescribed by law. The current load rating of all highways used to access the site are adequate to handle existing city waste vehicles which have a gross weight of approximately 45,000 to 54,000 pounds.

A Texas Department of Transportation Map locating the site is included in Part II, Attachment 4. It is estimated that at peak filling rates, the maximum truck traffic will be approximately 100 vehicles per day. The average daily volume of traffic for access roads within 1-mile of the facility, as depicted in Part II Attachment 4 General TXDOT Map, 580 vehicles for FM 1686 and 9,720 vehicles for State Highway 185 (formerly FM 404.) Since this has been an operating landfill for more than 14 years, the traffic count as discussed above and shown in Part II, Attachment 4, includes the current vehicle traffic at the landfill. Additionally, a letter

TNRCC Permit No. MSW-1522 - Height of Fill Amendment — Page 1

May 1, 1996, Revised January 13, 1997 — *Prepared by:* JFK GROUP, INC.

City of Victoria Landfill, TNRCC Permit No. MSW-1522

from the Texas Department of Transportation, dated June 13, 1996, is included in Part I, Attachment 4C, stating that "truck traffic will not adversely affect traffic flow in this area". This permit amendment is for an increase in the height of fill only. It is not anticipated that this amendment will be the source of additional daily traffic at the landfill.

A paved entrance road will provide access to the site from F.M. 1686. Internal all-weather roads, as discussed in Part IV, the Site Operating Plan, will provide access to designated unloading areas used during wet weather.

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

Scott

Note my new office phone #

Scott Martin, PE \ Burns & McDonnell
O 816-276-1574 \ M 816-588-3278
samartin@burnsmcd.com \ burnsmcd.com
9400 Ward Parkway \ Kansas City, MO 64114

June 15, 2021

Andrew Hollie
Specialist
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Service, AJR-322
10101 Hillwood Parkway
Fort Worth, TX 76177

Re: City of Victoria Landfill; Victoria County, Texas

Mr. Hollie:

This letter is being submitted to obtain documentation of coordination with the Federal Aviation Administration (FAA) for compliance with airport location restrictions set forth for Municipal Solid Waste (MSW) landfills in Texas Administrative Code (TAC) regulation 30 TAC §330.545.

On behalf of the City of Victoria, Burns & McDonnell is preparing a permit amendment for the expansion of the City's Type 1 MSW Landfill, the City of Victoria Landfill (TCEQ Permit No. 1522A, previously reviewed by FAA under File Number 96-010TX). The permit amendment will:

- Increase the height of fill from 70 feet above ground level (AGL), to a maximum landfill height of 150 feet AGL. In the case of temporary equipment use (e.g., 45-foot drilling rig for installation of landfill gas infrastructure), the total height will not exceed 200 feet AGL.
- Expand the facility to the southeast, into an approximately 250-acre parcel adjacent to the existing landfill, located at 28°41'22" N and 96°54'03" W.
- Allow the acceptance of additional types of non-hazardous industrial waste (NHIW).

As demonstrated in the attached FAA Location Restriction map, there are no airports located within 6 miles of the landfill and the site conforms to 30 TAC §330.545 requirements related to airport safety location restrictions and bird hazards. The City of Victoria Landfill is located approximately:

- 7.25 miles north-northwest of the nearest airport runway, located at Green Lake Ranch, a non-public airport with a single hard-surfaced runway.
- 10 miles south of the nearest public-use airport runway, located at Victoria Regional Airport (VCT).

Based on our review of Title 14 of the Code of Federal Regulations (CFR), Part 77.9 and use of the FAA's Notice Criteria Tool, it is our opinion that the proposed construction and alteration at the City of Victoria Landfill does not require additional notification or FAA review as the proposed height of fill does not exceed 200 feet AGL (14 CFR 77.9(a)), nor does the

combination of height and horizonal distance meet the slopes described in 14 CFR 77.9(b)(1) through (3). Results from the Notice Criteria Tool are also enclosed.

Sincerely,

Scott Martin, PE
Project Manager

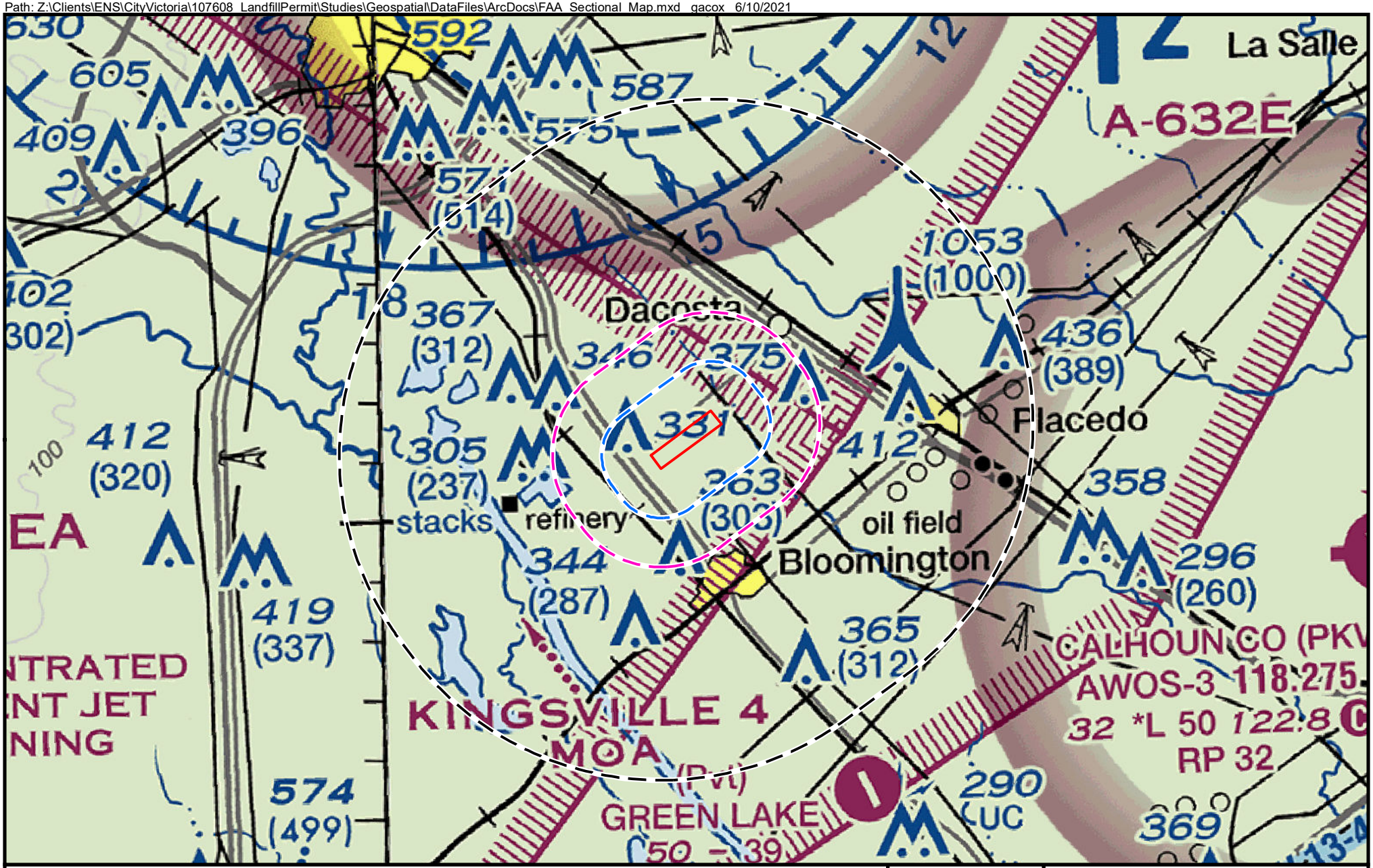
SAM/dlk

Enclosures
FAA Location Restriction Map
Notice Criteria Tool Output

cc: Debra Kantner, Burns & McDonnell

8911 North Capital of Texas Highway \ Building 3, Suite 3100 \ Austin, Texas 78759
O 512-872-7130 \ F 512-872-7127 \ burnsmcd.com

Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermit\Studies\Geospatial\DataFiles\ArcDocs\FAA_Sectional_Map.mxd gacox 6/10/2021



Proposed Landfill Expansion Area
5,000 Foot Radius
10,000 Foot Radius
6 Mile Radius

NORTH

0 1.25 2.5 5
Miles

BURNS McDONNELL

FAA Location Restriction Map
Victoria Landfill Expansion
Victoria County, Texas

Source: ESRI; FAA Sectional Charts, San Antonio and Houston; Burns & McDonnell Engineering Company, Inc

Issued: 6/10/2021

Federal Aviation Administration

« OE/AAA

Notice Criteria Tool

Notice Criteria Tool - Desk Reference Guide V_2018.2.0

The requirements for filing with the Federal Aviation Administration for proposed structures vary based on a number of factors: height, proximity to an airport, location, and frequencies emitted from the structure, etc. For more details, please reference CFR Title 14 Part 77.9.

You must file with the FAA at least 45 days prior to construction if:

- your structure will exceed 200ft above ground level
- your structure will be in proximity to an airport and will exceed the slope ratio
- your structure involves construction of a traverseway (i.e. highway, railroad, waterway etc...) and once adjusted upward with the appropriate vertical distance would exceed a standard of 77.9(a) or (b)
- your structure will emit frequencies, and does not meet the conditions of the FAA Co-location Policy
- your structure will be in an instrument approach area and might exceed part 77 Subpart C
- your proposed structure will be in proximity to a navigation facility and may impact the assurance of navigation signal reception
- your structure will be on an airport or heliport
- filing has been requested by the FAA

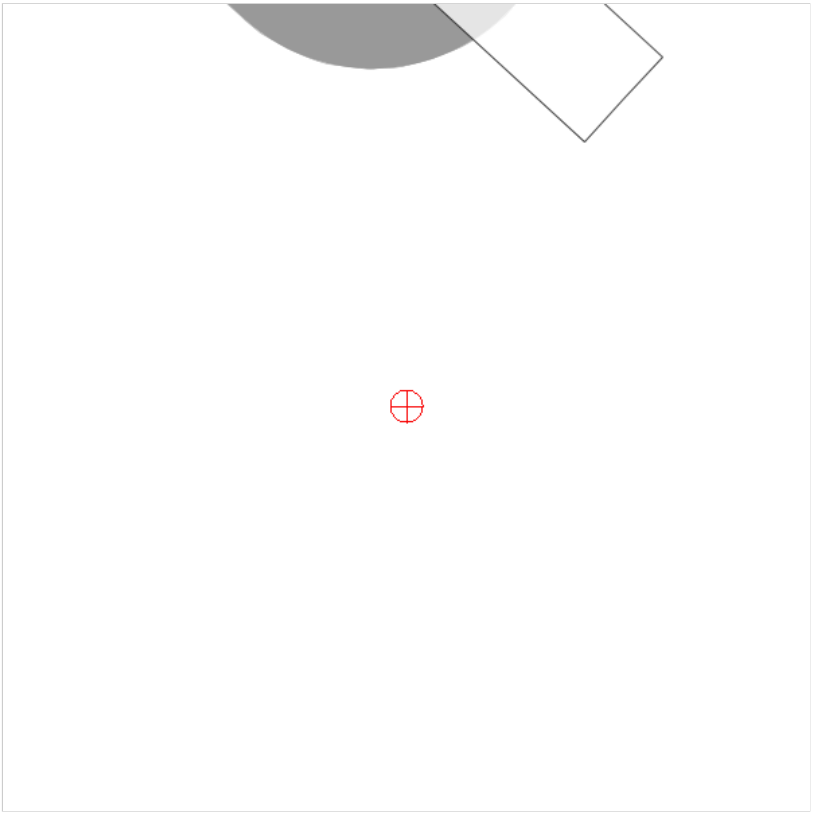
If you require additional information regarding the filing requirements for your structure, please identify and contact the appropriate FAA representative using the Air Traffic Areas of Responsibility map for Off Airport construction, or contact the FAA Airports Region / District Office for On Airport construction.

The tool below will assist in applying Part 77 Notice Criteria.

Latitude:	28 Deg 41 M 22 S N
Longitude:	96 Deg 54 M 03 S W
Horizontal Datum:	NAD83
Site Elevation (SE):	64 (nearest foot)
Unadjusted Structure Height :	155 (nearest foot)
Height Adjustment:	10 (nearest foot)
Total Structure Height (AGL):	165 (nearest foot)
Traverseway:	Private Road (Additional height is added to certain structures under 77.9(c)) User can increase the default height adjustment for Traverseway, Private Roadway and Waterway
Is structure on airport:	(•) No ( ) Yes

Results

You do not exceed Notice Criteria.



From: Hollie, Andrew (FAA)
To: Kantner, Debra L
Cc: Martin, Scott
Subject: RE: FAA Coordination for the City of Victoria Landfill (Texas)
Date: Wednesday, June 16, 2021 5:26:11 AM
Attachments: image003.png
image001.png

As long as you have the Notice Criteria Tool response printed out, that is a legal document that shows that you coordinated with the FAA and you do not need to file.

Thank you

Andrew B. Hollie
FAA Specialist OH, PA and TX
Obstruction Evaluation Group, AJV-A520
10101 Hillwood Pkwy
Fort Worth, Texas 76177
Phone: 817-222-5933

For more information, go to:
https://oeaaa.faa.gov

From: Kantner, Debra L <dlkantner@burnsmcd.com>
Sent: Tuesday, June 15, 2021 3:53 PM
To: Hollie, Andrew (FAA) <Andrew.Hollie@faa.gov>
Cc: Martin, Scott <samartin@burnsmcd.com>
Subject: FAA Coordination for the City of Victoria Landfill (Texas)

Good Afternoon Mr. Hollie:

The Burns & McDonnell engineering team is preparing a permit modification for a vertical and horizonal expansion of the City of Victoria Landfill located in Victoria County, Texas.

There are no airports located within 6-miles of the landfill and the proposed maximum height will not exceed 200 ft above ground level (AGL). Based on our review of Title 14 of the Code of Federal Regulations (CFR), Part 77.9 and use of the FAA's Notice Criteria Tool, it is our opinion that the proposed alteration at the City of Victoria Landfill does not require additional notification or FAA review. However, Texas regulations require documentation of coordination with the FAA.

The attached memo and enclosures provide additional detail on this project. Please let us know if this provides sufficient information for FAA to provide correspondence confirming FAA requirements are met and no additional notification or obstruction evaluation is required.

Please feel free to reach out to myself or Scott Martin (copied here; 816-276-1574) with any questions. We appreciate your time and assistance with this matter.

Kind Regards,
Debra

Debra L. Kantner \ Burns & McDonnell
ENV Engineering Department \ Environmental Services
o 737-236-0112 *New Phone Number
dlkantner@burnsmcd.com \ burnsmcd.com
8911 N Capital of Texas Hwy \ Building 3, Suite 3100 \ Austin, TX 78759

From: Cunningham, Seth T
To: Martin, Scott
Subject: FW: [EXTERNAL] City of Victoria Consultation Letter
Date: Thursday, January 21, 2021 1:13:03 PM

Seth Cunningham, PE \ Burns & McDonnell
Project Manager
O 737-787-6686 \ F 512-872-7127
stcunningham@burnsmcd.com \ burnsmcd.com
8911 N Capital of Texas Hwy \ Suite 3100 \ Austin, TX 78759

Proud to be one of *FORTUNE*'s 100 Best Companies to Work For
Please consider the environment before printing this email.

From: Newgord, Gary E <genewgord@burnsmcd.com>
Sent: Monday, July 1, 2019 9:23 PM
To: Cunningham, Seth T <stcunningham@burnsmcd.com>
Subject: FW: [EXTERNAL] City of Victoria Consultation Letter

Seth,

Here you go. Have a great 4th! Thanks, Gary

Gary Newgord \ Burns & McDonnell
Environmental Scientist
O 512-872-7139 \ M 512-923-1969
genewgord@burnsmcd.com \ burnsmcd.com
8911 Capital of Texas Highway \ Building 3, Suite 3100 \ Austin, TX 78759

Proud to be one of *FORTUNE*'s 100 Best Companies to Work For
www.burnsmcd.com

From: Orms, Mary <mary_orms@fws.gov>
Sent: Monday, July 1, 2019 4:35 PM
To: Newgord, Gary E <genewgord@burnsmcd.com>
Cc: Green, Derek J <djgreen@burnsmcd.com>
Subject: Re: [EXTERNAL] City of Victoria Consultation Letter

Consultation No. 02ETTXX0-2015-I-0680).

Mr. Newgord:
Thank you for resending your letter regarding the proposed expansion of the Victoria Landfill

in Victoria County, Texas. The proposed Project will require obtaining Federal Emergency Management Agency (FEMA) approval and making adjustments to Flood Insurance Rate Maps through a Conditional Letter of Map Revision (CLOMR-F). On behalf of the City, Burns & McDonnell is requesting written concurrence with the findings of "no effect" for the following species in order to comply with FEMA regulatory agency coordination. The species are: Attwater's greater prairie-chicken (*Tympanuchus cupido attwateri*), least tern (Interior) (*Sternula antillarum athalassos*), piping plover (*Charadrius melodus*), red knot (*Calidris canutus rufa*), whooping crane (*Grus americana*), golden orb (*Quadrula aurea*) and the Texas pimpleback (*Quadrula petrina*).

The U.S. Fish and Wildlife Service has reviewed the project. The Service does not provide written concurrences for "no effect" determinations. The Service does not provide concurrence for "no effect" determinations, but by making a determination we believe your agency complied with Section 7(a)(2) of the Endangered Species Act of 1973, as amended.

We appreciate the opportunity to provide pre-planning information. If we can be of further assistance, please contact Mary Orms at (361) 225-7315 or by email at mary_orms@fws.gov.

On Mon, Jul 1, 2019 at 1:46 PM Newgord, Gary E <genewgord@burnsmcd.com> wrote:

> Dear Ms. Orms,
>
> I have attached the letter to the USFWS Corpus Christi Office on April 22, 2019 in regards to the City of Victoria - Proposed Victoria Landfill Expansion Project. The City of Victoria is requesting written concurrence with the findings before signing off on the project. I understand that the USFWS does not concur with "No Effect" findings for Section 10 consultation; however, we usually are provided with a response letter from the USFWS stating this. Please let me know if you have already sent a response letter and we haven't received it, or what else may be needed to get a letter provided to us. I have copied my coworker Derek Green, as I will be out of the office for the next week.
>
> Thank you, Gary Newgord
>
> **Gary Newgord** \ Burns & McDonnell
> Environmental Scientist
> O 512-872-7139 \ M 512-923-1969
> genewgord@burnsmcd.com \ burnsmcd.com
> 8911 Capital of Texas Highway \ Building 3, Suite 3100 \ Austin, TX 78759
>
> Proud to be one of *FORTUNE*'s 100 Best Companies to Work For
> www.burnsmcd.com

--

Mary Orms
U.S. Fish and Wildlife Service
Ecological Services Field Office
P.O. Box 81468
Corpus Christi, TX 78468-1468
4444 Corona Dr., Suite 215
Corpus Christi, Texas 78411-4300
Office Phone: (361) 994-9005
Direct Line: (361) 225-7315
Fax: (361) 994-8262

From: Cunningham, Seth T
To: Kantner, Debra L
Cc: Martin, Scott
Subject: FW: Proposed Victoria Landfill Expansion Project / TPWD 46255
Date: Tuesday, May 25, 2021 3:30:59 PM

Seth Cunningham, PE \ Burns & McDonnell
Project Manager
O 737-787-6686 \ F 512-872-7127
stcunningham@burnsmcd.com \ burnsmcd.com
8911 N Capital of Texas Hwy \ Suite 3100 \ Austin, TX 78759

Proud to be one of *FORTUNE*'s 100 Best Companies to Work For
Please consider the environment before printing this email.

From: Newgord, Gary E <genewgord@burnsmcd.com>
Sent: Monday, March 29, 2021 8:21 AM
To: Martin, Scott <samartin@burnsmcd.com>; Cunningham, Seth T <stcunningham@burnsmcd.com>
Subject: FW: Proposed Victoria Landfill Expansion Project / TPWD 46255

Scott and Seth,

Here is the email response from TPWD on the letter I sent.

Thank you, Gary

Gary Newgord \ Burns & McDonnell
Environmental Scientist
O 512-872-7139 \ M 512-923-1969
genewgord@burnsmcd.com \ burnsmcd.com
8911 Capital of Texas Highway \ Building 3, Suite 3100 \ Austin, TX 78759

Proud to be one of *FORTUNE*'s 100 Best Companies to Work For
www.burnsmcd.com

From: Rachel Lange <Rachel.Lange@tpwd.texas.gov>
Sent: Thursday, March 25, 2021 10:34 AM
To: Newgord, Gary E <genewgord@burnsmcd.com>
Subject: Proposed Victoria Landfill Expansion Project / TPWD 46255

Thank you for submitting the above listed project for review. Based on a review of the documentation and description provided, the Wildlife Habitat Assessment Program does not

anticipate significant adverse impacts to rare, threatened, or endangered species, or other fish and wildlife resources. However, please note it is the responsibility of the project proponent to comply with all federal, state, and local laws that protect fish and wildlife. Provided the project plans do not change, TPWD considers coordination to be complete.

Thanks,

Rachel Lange, CWB
Habitat Assessment Biologist
Texas Parks & Wildlife Department
316 Spring Street, Suite 106
Columbus, TX 78934
(979)732-4213

From: noreply@thc.state.tx.us
To: Wunderlich, Shelly; reviews@thc.state.tx.us
Subject: Project Review: 201903320
Date: Wednesday, January 9, 2019 2:17:36 PM

Re: Project Review under Section 106 of the National Historic Preservation Act and/or the Antiquities Code of Texas
Permit 8492
201903320
Victoria Landfill Expansion
FM 1686
Victoria,TX 77905

Dear Shelly Fischbeck:
Thank you for your submittal regarding the above-referenced project. This response represents the comments of the Executive Director of the Texas Historical Commission (THC), pursuant to review under the Antiquities Code of Texas.

The review staff led by Jeff Durst has completed its review and has made the following determinations based on the information submitted for review:

Archeology Comments

- No effect on archeological sites. However, if buried cultural materials are encountered during construction or disturbance activities, work should cease in the immediate area; work can continue where no cultural materials are present. Please contact the THC's Archeology Division at 512-463-6096 to consult on further actions that may be necessary to protect the cultural remains.
- THC/SHPO concurs with information provided .
- Draft report acceptable. Please submit another copy as a final report along with shapefiles showing the area where the archeological work was conducted. Shapefiles should be submitted electronically to Archeological_projects@thc.texas.gov.

We look forward to further consultation with your office and hope to maintain a partnership that will foster effective historic preservation. Thank you for your cooperation in this review process, and for your efforts to preserve the irreplaceable heritage of Texas. If you have any questions concerning our review or if we can be of further assistance, please email the following reviewers: Jeff.Durst@thc.texas.gov.

Sincerely,

For Mark Wolfe, State Historic Preservation Officer
Executive Director, Texas Historical Commission

Please do not respond to this email.

American Electric Power

Transmission Line Projects Engineering

Project Name:	**Victorial Landfill Expansion Route 1 Option**			
Project Location:	**On Dupont SS - Gohlke 138kV Line (28°41'29.64"N / 96°54'37.19"W)**			
Description of Work:	**Re-route single ckrt line approx. 1.50 mi. NW to accommod. future landfill e) xpansion, beginning at stctr 11/2B and route SE to connect to the line going to Gohlke e. Remv'l of approx. 8 H-frame, and one 3-pole and one 1-pole structr. Using exstng 795 ACSR 26/7**			
Estimator:	**RLS**	***Project Number:***	**N/A**	
Date of Estimate:	**7/14/2014**	***OpCo / Company:***	**TCC**	
		Length of Line (Miles):	**1.50 miles**	**7,920 feet**

GO TO MATE RIAL

MENU

PRINT

SAVE FILE

PRINT

	Unit	Quantity:	Unit Cost:	Total Cost of Job	
Right of Way:		**Subtotal**		**$34,674**	
Engineering & Project Management:		**Subtotal**		**$208,639**	*
Material:		**Subtotal**		**$374,334**	*
Construction:		**Subtotal**		**$964,514**	*
AFUDC	**12 MONTHS**	**3%**		**$22,695**	
		Subtotal		**$1,604,856**	
Gross-up for CIAC:	**STATE** TX	**17.43%**		**$279,726**	
O&M Expense:				**$0**	
Retirement:				**$101,640**	
Associated Distribution Costs:				**$0**	
TOTAL ESTIMATED COST OF WORK TO BE APPROVED:				**$1,986,222**	

* These values include Construction Overhead calculated at a rate of: **7.00%**
The overheads on these items represent a total of: **$ 98,980**

R/W:	**$30,902**
Engineering:	**$185,944**
Material:	**$333,615**
Construction:	**$859,597**
Subtotal	$1,410,058
Overheads:	**$172,103**


TGIS Online
Help | Log Out | TGIS Sharepoint (Internal Only)
Route
Expansion of Landfill Property
1686
300m
1000ft
bing

March 30, 2021

Golden Crescent Regional Planning Commission
Economic Development & Environmental Resources
Regional Environmental Resources Advisory Committee (RERAC)
1908 N Laurent St., Suite 600
Victoria, TX 77901

Re: City of Victoria Landfill; Victoria County, Texas

RERAC Members:

This letter is being submitted to obtain documentation of coordination with the Golden Crescent Regional Planning Commission (GCRPC) for compliance with the existing Amended Regional Solid Waste Management Plan as required by Texas Administrative Code (TAC) regulation 30 TAC §330.61(p).

On behalf of the City of Victoria, Burns & McDonnell has prepared a permit amendment for the expansion of the City's Type I MSW Landfill located at 18545 FM1686 in Victoria, Texas. The permit amendment will:

1. Expand the facility to the southeast, into a parcel adjacent to the existing landfill.
2. Extend landfill life by an estimated additional 147 years.
3. Allow the acceptance of additional types of Class 1 non-hazardous industrial waste (NHIW).

In accordance with 30 TAC §330.61(p), we are requesting GCRPC's review of the attached Parts I/II of the application for compliance with the regional solid waste management plan. We appreciate your assistance in this matter. Please contact me at (816) 276-1574 or samartin@burnsmcd.com if you have any questions or require any additional information.

Sincerely,

Scott Martin, PE
Project Manager

SAM/dlk

Enclosure: Part I/II of TCEQ Solid Waste Permitted Amendment Application (1522B)
cc: Darryl Lesak, City of Victoria
Seth Cunningham, Burns & McDonnell

APPENDIX G – LOCATION RESTRICTIONS

February 16, 2021

Mr. Darryl Lesek
City of Victoria
700 N. Main, Ste. 113
Victoria, TX 77901

Re: Protected Species Report
Proposed Victoria Landfill Expansion Project
Victoria County, Texas

Dear Mr. Lesek:

Burns & McDonnell Engineering, Inc. (Burns & McDonnell) was retained by the City of Victoria (City) to provide a protected species evaluation for the proposed Victoria Landfill Expansion Project (Project) located approximately 7 miles southeast of Victoria (Figures A-1 and A-2, Attachment A). Burns & McDonnell understands that the proposed Project would consist of approximately 300 acres (Survey Area) of City-owned property adjacent to the City's existing landfill in Victoria County, Texas. The following sections provide information on the proposed Project and summarize the results of the completed protected species evaluation.

INTRODUCTION

The Endangered Species Act (ESA) provides protection for plants and animals on the Secretary of the Interior's list of threatened or endangered species by prohibiting the take of the listed species (16 USC § 1531-1543). Protection under the ESA may also include protection of habitat designated as critical habitat for supporting a listed species. The ESA defines take as to "harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect or attempt to engage in any such conduct" (16 USC § 1532). Section 7 of the ESA states that it is the responsibility of Federal agencies to ensure that any action they authorize, fund, or carry out is not likely to jeopardize the continued existence, or result in the destruction or adverse modification of habitat determined to be critical to the conservation of any such species.

Additional Federal protections are placed upon the bald eagle (*Haliaeetus leucocephalus*) and the golden eagle (*Aquila chrysaetos*) under the Bald and Golden Eagle Protection Act (BGEPA).

METHODS

Available information from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Conservation (IPaC) system (USFWS, 2021a) and Texas Parks and Wildlife Department (TPWD's) county list (TPWD, 2021a) (Attachment B), and TPWD's Natural Diversity Database (NDD) (TPWD, 2021b) were reviewed to identify endangered or threatened species of potential occurrence within the Survey Area. A literature review was also conducted for each species to gather pertinent information regarding the species' distinct physical characteristics, coloring, vegetative preferences, diet, mobility, home range requirements, reproductive needs, and sensitivity to anthropogenic disturbances. The Survey Area was then

reviewed on a desktop level, including a review of aerial photography and topographic maps to determine the potential occurrence of listed species and their preferred habitats. Additionally, Burns & McDonnell biologists evaluated habitats throughout the Survey Area to determine if potential habitats for protected species were present.

FEDERAL THREATENED AND ENDANGERED SPECIES REVIEW

The USFWS (2021a) and TPWD (2021a) lists of endangered and threatened species indicates that six federally listed endangered or threatened species may occur in the Survey Area (Table 1). It should be noted that inclusion in this listing does not necessarily mean that a species is known to occur in the Survey Area, but only acknowledges the potential for its occurrence, based on historic records, known ranges, and presence of potential habitat. A brief description of each of the listed species reviewed for the proposed Project is provided below.

Table 1: Federal Threatened and Endangered Species for Victoria County, Texas[a]

Common Name	Scientific Name[b]	Federal Listing Status[c]	Potential for Occurrence in the Survey Area	Recommended Effects Determination
Birds				
Attwater's greater prairie-chicken	*Tympanuchus cupido attwateri*	E	Not likely	No Effect
Whooping crane	*Grus americana*	E	Not likely[d]	No Effect
Eastern black rail	*Laterallus jamaicensis jamaicensis*	T	Not likely[d]	No Effect
Piping plover	*Charadrius melodus*	T	Not likely[d]	No Effect
Red knot	*Calidris canutus rufa*	T	Not likely[d]	No Effect
Least tern (Interior)	*Sternula antillarum athalassos*	Delisted	Not likely[d]	No Effect

[a]According to USFWS (2021a) and TPWD (2021a, 2021b)
[b]Nomenclature follows Chesser et al. (2020), USFWS (2021a), and TPWD (2021a)
[c]Federal Listings: T = Threatened, E = Endangered, C = Candidate
[d]Only expected to occur as a migrant/transient or rare vagrant within the Survey Area
[e]Not listed by USFWS (2021a) as occurring in Victoria County
[f]Extirpated in Texas

Attwater's Greater Prairie-chicken

The Attwater's greater prairie-chicken is a small brown bird living year-round in the coastal prairie grasslands of Texas. Preferred habitat includes a variety of tall and short grasses, and nests are built in tall grasses during nesting season (TPWD, 2021c). Its current range is limited to three locations: the Attwater Prairie Chicken National Wildlife Refuge in Colorado County; the Texas City Prairie Preserve in Galveston County; and a private ranch in Goliad County, Texas.

The species would not be expected to occur within the Survey Area due to its current restricted range and a lack of coastal prairie grassland habitat.

Eastern Black Rail

The black rail, a small secretive bird, is broadly distributed living in salt and freshwater marshes in portions of the United States, Central America, and South America. The habitat for the species can be tidally or non-tidally influenced and can range in salinity form salt to brackish to fresh (USFWS, 2021b). The Eastern black rail, a subspecies, is a rare migrant in the eastern third of the state, with migrants rarely being detected, and are rare to locally uncommon residents on the upper and central coasts (Lockwood and Freeman, 2014). The species would not be expected to occur within the Survey Area due to the general absence of suitable habitat.

Piping Plover

The piping plover is a small shorebird that inhabits sandy beaches and alkali flats (Cornell Lab of Ornithology, 2021). Approximately 35 percent of the known global population of the piping plover winters along the Texas Gulf Coast, where they spend 60 to 70 percent of the year (Campbell, 2003). The piping plover population that winters in Texas breeds on the northern Great Plains and around the Great Lakes. The species is an uncommon to locally common winter resident along the coastal areas of Texas and can linger through the summer on very rare occasions (Lockwood and Freeman, 2014). The species would not be expected to occur within the Survey Area due to the general absence of suitable habitat.

Red Knot

The red knot is a medium-sized, stocky, short-necked sandpiper with a rather short straight bill. The *rufa* subspecies, one of three subspecies occurring in North America, has one of the longest-distance migrations known, travelling between its breeding grounds in the central Canadian Arctic to wintering areas that are primarily in South America (USFWS, 2011). During migration and winter in Texas, red knots may be found feeding in small groups on sandy, shell-lined beaches, and to a lesser degree on flats of bays and lagoons (Oberholser, 1974). It is an uncommon migrant along the coast, especially the Upper Texas coast, and very rare to casual inland, primarily in the eastern half of the State. Red knots are very rare summer visitors and are rare and local winter residents on the coast (Lockwood and Freeman, 2014). The species would not be expected within the Survey Area due to the general absence of appropriate habitat.

Whooping Crane

The whooping crane is North America's tallest wading bird. Only four wild populations of whooping crane exist. The only self-sustaining and the largest wild population is the Aransas–Wood Buffalo population (AWBP). The AWBP breeds in Wood Buffalo National Park in northern Canada and migrates annually to wintering grounds in the Aransas National Wildlife Refuge (NWR) and adjacent areas of the central Texas Coast in Aransas, Calhoun, and Refugio Counties (USFWS, 1995, 2009a; Lewis, 1995; Canadian Wildlife Service and USFWS, 2007).

Individuals have wintered a considerable distance from these three counties, including as far away as the Panhandle and south to Willacy County (Lockwood and Freeman, 2014). The three smaller wild populations include the non-migratory Florida and Louisiana populations and one population that migrates between Wisconsin and Florida. These are not self-sustaining populations, and each is designated as an "experimental population, non-essential."

During migration, whooping cranes travel during daylight hours and stop over at wetlands, fallow cropland, and pastures to roost and feed. They spend a short period of time at any one location ranging from overnight to several days in inclement weather. Because of this, whooping cranes have an unpredictable pattern of stopover use and may not use the same stopover sites annually. Some areas are used on a regular basis and would be considered traditional stopover sites. Federal and state efforts to record information on whooping cranes sighted in migration began in 1975 and have continued to the present day through the Cooperative Whooping Crane Tracking Project (CWCTP) in the U.S. and Canada (USFWS, 2009a). The database incorporates records for the period of 1943 through 2010. As of the fall of 2009, 140 confirmed sightings of migrating whooping cranes in Texas were recorded, occurring from the fall of 1965 to the fall of 2009. Three of these recorded occurrences are within Victoria County.

The Survey Area lies within the zone that encompasses 95 percent of known sightings which is considered the traditional migration corridor of this species. As such, it is possible, though unlikely, that the species may occur within the Survey Area due to a lack of suitable habitat.

Interior Least Tern

In Texas, the interior least tern historically nested on sandbars of the Colorado River, Red River, and Rio Grande. Currently its winter range includes the entire Texas Gulf Coast. The interior least tern's preferred nesting habitat is unvegetated, frequently flooded sand flats, salt flats, sand and gravel bars, and sand, shell, or gravel beaches (Thompson et al., 1997; Campbell, 2003). The species would only be an uncommon to rare migrant within the general area (Lockwood and Freeman, 2014), but would not be expected to occur within the Survey Area due to the general absence of appropriate habitat. The interior least tern was delisted on January 12, 2021 and is no longer protected under the ESA; however, it still is provided protection under the Migratory Bird Treaty Act.

Critical Habitat

The USFWS, in Section 3(5)(A) of the ESA, defines critical habitat as:

> (i) the specific areas within the geographical area occupied by the species, at the time that it is listed in accordance with the ESA, on which are found those physical or biological features (I) essential to the conservation of the species and (II) which may require special management considerations or protection; and (ii) specific areas outside the geographical area occupied by a species at the time it is listed, upon a determination by the Secretary

of the Interior that such areas are essential for the conservation of the species (USFWS, 1973).

No critical habitat has been designated in the Survey Area for any species included under the ESA (USFWS, 2018).

Bald and Golden Eagles

The bald eagle is present year-round in Texas, and individuals may include breeding, wintering, migrating, and post-breeding dispersing birds (Lockwood and Freeman, 2014). Bald eagles prefer large bodies of water surrounded by tall trees or cliffs, which they use as nesting sites. In 2007, the USFWS removed the bald eagle from the list of endangered and threatened wildlife species (72 Federal Register 130:37345–37372, July 9, 2007); however, the bald eagle continues to receive Federal protection under the BGEPA. The Survey Area is within the general range of the bald eagle; however, rivers or large waterbodies that provide suitable habitat for extended periods are lacking. The bald eagle may occur as a winter migrant and utilize the Survey Area for foraging but is not likely to be a permanent or seasonal resident either within the Survey Area or in the immediate vicinity due to lack of suitable habitat.

Like the bald eagle, the golden eagle is protected under the provisions of the BGEPA. In Texas, the golden eagle occurs in the western half of the State, with confirmed nesting locations in remote locations in West Texas and the Panhandle (TX Agrilife, 2021). Golden eagles are unlikely to occur within the Survey Area for the proposed Project due to its current range and a general absence of suitable habitat.

STATE THREATENED AND ENDANGERED SPECIES REVIEW

In addition to federally listed species, 14 additional threatened species are protected at the State level by the Texas Parks and Wildlife Department (TPWD) and may occur within Victoria County (Table 2) (TPWD, 2021a). State-listed species are protected under State laws such as Chapters 67, 68, and 88 of the TPWD Code and Sections 65.171-65.184 and 69.01-69.14 of Title 31 of the Texas Administrative Code (TAC).

Table 2: State-Threatened and Endangered Species for Victoria County, Texas[a]

Common Name	Scientific Name[b]	State Listing Status[c]	Potential for Occurrence in the Survey Area	Recommended Effects Determination
Birds				
Reddish egret	*Egretta rufescens*	T	Not likely[d]	No Impact
Swallow-tailed kite	*Elanoides forficatus*	T	Not likely[d]	No Impact
Tropical parula	*Setophaga pitiayumi*	T	Not likely[d]	No Impact
White-faced ibis	*Plegadis chihi*	T	Not likely[d]	No Impact

Common Name	Scientific Name[b]	State Listing Status[c]	Potential for Occurrence in the Survey Area	Recommended Effects Determination
White-tailed hawk	*Buteo albicaudatus*	T	Not likely[d]	No Impact
Wood stork	*Mycteria americana*	T	Not likely[d]	No Impact
Zone-tailed hawk	*Buteo albonotatus*	T	Not likely	No Impact
Fishes				
Guadalupe darter	*Percina apristis*	T	Not likely	No Impact
Mammals				
White-nosed coati	*Nasua narica*	T	Not likely	No Impact
Mollusks				
False spike mussel	*Quadrula mitchelli*	T	Not likely	No Impact
Guadalupe orb	*Cyclonaias necki*	T	Not likely	No Impact
Reptiles				
Cagle's map turtle	*Graptemys caglei*	T	Not likely	No Impact
Texas horned lizard	*Phrynosoma cornutum*	T	Not likely	No Impact
Texas tortoise	*Gopherus berlandieri*	T	Not likely	No Impact

[a]According to TPWD (2021a, 2021b)
[b]Nomenclature follows Chesser et al. (2020) and TPWD (2021a)
[c]State Listings: T = Threatened
[d]Only expected to occur as a migrant/transient or rare vagrant within the Survey Area

Reddish Egret

The reddish egret is a resident of brackish marshes, tidal flats, and shallow salt lakes along the Texas Gulf Coast, where it nests in brushy yucca and pricklypear thickets on dry coastal islands (Oberholser, 1974; Lockwood and Freeman, 2014). The western Gulf of Mexico supports the largest concentration of reddish egrets in the world (Tunnell and Judd, 2002). The 1-mile radius around the Survey Area contains very little appropriate habitat and it is unlikely that this species occurs regularly within the Survey Area due to a lack of suitable habitat.

Swallow-tailed Kite

The swallow-tailed kite is a medium-sized raptor that historically occurred along the coastal plains, interior lowlands, and riparian areas throughout the southeastern U.S. and Mississippi River Valley, west to central Texas (Meyer, 1995). Today, swallow-tailed kites breed primarily in Florida, with scattered breeding populations in South Carolina, Georgia, Alabama, Mississippi, Louisiana, and southeastern Texas (Meyer, 1995). In Texas, the species is a rare to uncommon migrant throughout the Coastal Prairies and eastern third of the state, with occasional migration records west to the eastern Edwards Plateau (Lockwood and Freeman, 2014). The species is a rare to locally uncommon summer resident in the southern portion of East Texas

west to Harris and Brazoria counties (Lockwood and Freeman, 2014). Although unlikely, the species may occasionally occur within the Survey Area as a migrant or winter vagrant.

Tropical parula
The tropical parula is a small passerine that is a rare to uncommon resident of the live oak woodlands of the Coastal Sand Plain in Kenedy and Brooks counties (Lockwood and Freeman, 2014). No documented records of the tropical parula within the Survey Area exist (TPWD, 2021b; eBird, 2021). The 1-mile radius around the Survey Area contains very little appropriate habitat and it is unlikely that this species occurs regularly within the Survey Area due to a lack of suitable habitat.

White-faced Ibis
The white-faced ibis is a medium-sized wading bird that inhabits freshwater marshes, sloughs, and irrigated rice fields, but also frequents brackish and saltwater habitats (Ryder and Manry, 1994). White-faced ibis are permanent residents along the Texas Gulf Coast with nesting records existing from areas away from the coast as far north as the Panhandle (Lockwood and Freeman, 2014). The species is a rare to uncommon migrant throughout the State and occasionally occurs as a post-breeding visitor north and west of its typical range. Although unlikely, the species may occasionally occur within the Survey Area as a migrant or winter vagrant.

White-tailed Hawk
The white-tailed hawk is an uncommon to locally common resident in the Coastal Prairies and southeastern South Texas Brush Country (Lockwood and Freeman, 2014). White-tailed hawks inhabit coastal prairies and brushlands, as well as inland mesquite and oak savannahs (Farquhar, 1992). Although unlikely, the species may occasionally traverse the Survey Area but wouldn't be expected reside or nest within the Survey Area.

Wood Stork
The wood stork is an uncommon to locally common post-breeding visitor to coastal Texas and inland waters in the eastern third of the State (Lockwood and Freeman, 2014). In Texas, wood storks typically occur near freshwater or saltwater wetlands, lakes, rivers, and streams. The USFWS lists the wood stork as federally threatened in Florida, Alabama, Georgia, Mississippi, North Carolina, and South Carolina, but not in Texas. Although unlikely, this species may occasionally occur within the Survey Area, particularly during post-breeding.

Zone-tailed hawk
The zone-tailed hawk is an uncommon and local summer resident in the mountains of the central Trans-Pecos, east through the southern Edwards Plateau regions of Texas and is a rare migrant and winter resident in the Lower Rio Grande Valley (Lockwood and Freeman, 2014). Zone-tailed hawks may occur in the Survey Area during migration or as a rare vagrant; however, it is unlikely that this species resides or nests within the Survey Area.

Guadalupe Darter
The Guadalupe darter, a small freshwater fish, is found in riffles within gravelly runs of the San Marcos, Comal and Guadalupe Rivers. The species is not known to inhabit streams that are not continuously flowing (Thomas et. al., 2007). This species is unlikely to occur within the Survey Area due to a lack of suitable habitat.

White-nosed Coati
The white-nosed coati is a raccoon-like carnivore that inhabits woodlands from Central America and Mexico north to south Texas. In Texas, white-nosed coatis are rare inhabitants from extreme south Texas to the Big Bend region, with records from Aransas, Brewster, Hidalgo, Kerr, Maverick, Real, Starr, Uvalde, Victoria, and Webb Counties (Schmidly, 2004). The species is not expected to occur in the Survey Area due to lack of suitable habitat.

False Spike Mussel
The false spike mussel is known from only two disjunct populations, one in the Brazos, Colorado, and Guadalupe river basins of central Texas and the other of the Rio Grande drainage (TPWD, 2009). It is found in medium to large rivers, with substrates varying from mud through mixtures of sand, gravel, and cobble, with water lilies present at one study site (Wurtz, 1950). The species was thought to possibly be extirpated in Texas in 2009; however, several live individuals have now been collected from the Guadalupe River and the lower portion of the San Gabriel River, and a fresh dead individual was collected from the San Saba River in 2011 (Randklev et al., 2012; Randklev et al., 2013). This species is unlikely to occur within the Survey Area due to a lack of suitable habitat.

Guadalupe Orb
The Guadalupe orb, a newly discovered freshwater mussel, is currently only known from the San Marcos River in the San Antonio/Guadalupe River Basin in Gonzalez County, Texas. It was found in a small river in flowing water with a sand and gravel substrate. Originally thought to be part of a population of Texas pimpleback (*Cyclonaias petrina*), specimens recently collected revealed clear conchological and genetic differences (The Nautilus, 2018). This species is unlikely to occur within the Survey Area due to a lack of suitable habitat.

Cagle's Map Turtle
The Cagle's map turtle is restricted to the waters of the Guadalupe River basin where it is closely tied to riffles within relatively shallow depths (Dixon, 2103). Dixon (2013) indicates the species being documented in Victoria County; however, this turtle would not be expected to occur within the Survey Area due to its current range and a lack of suitable habitat.

Texas Horned Lizard
The Texas horned lizard occurs throughout the western half of Texas in a variety of habitats but prefers arid and semi-arid environments in sandy loam or loamy sand soils that support patchy

bunch-grasses, cacti, yucca, and various shrubs (Henke and Fair, 1998). Although the species has almost vanished from the eastern half of the State over the past 25 years, it still maintains relatively stable numbers in west Texas. The Texas horned lizard has been documented in Victoria County (Dixon, 2013); however, it is unlikely the species currently occurs within the Survey Area due to lack of suitable habitat and a reduction in its historic range.

Texas Tortoise

The Texas tortoise is a terrestrial turtle that inhabits sandy soils in areas of low, sparse vegetation throughout the southern portion of the state (Garrett and Barker, 1987). Texas tortoises may burrow in the sand or enter animal burrows, but typically seek cover in a shallow scrape under shrubs or cacti. According to Dixon (2013), this species has not been documented in Victoria County, and is unlikely to occur within the Survey Area due to agricultural disturbance, lack of suitable vegetative cover, and clay soils.

CONCLUSIONS AND RECOMMENDATIONS

Burns & McDonnell conducted a review of threatened and endangered species of potential occurrence within the Survey Area. Six federally endangered or threatened species, are listed as potentially occurring in the Survey Area (USFWS, 2021a). Potential for occurrence of federally listed species is unlikely, and a determination of "No Effect" to federally listed T&E species is appropriate for the proposed Project. Additionally, no federally designated critical habitat occurs in the Survey Area; therefore, no adverse modification to critical habitat resulting from the proposed Project would occur.

Suitable habitat for bald and golden eagles was not present within the Survey Area; therefore, a determination of "No Impact" to the bald eagle is appropriate for the proposed Project.

Based upon the protected species review above, it is Burns & McDonnell's opinion that the proposed Project would result in "No Effect" to species listed federally as endangered, threatened, or candidate by the USFWS and "No Impact" upon bald and golden eagles. Additionally, no State-listed species would be expected to be impacted by the proposed Project.

If you have any questions or require additional information, please contact me by telephone at (512) 872-7139 or by e-mail at genewgord@burnsmcd.com.

Sincerely,

Gary E. Newgord
Environmental Scientist

Attachments:

Attachment A: Figures
Attachment B: IPaC Official Species List and TPWD Victoria County List

8911 North Capital of Texas Highway \ Building 4, Suite 4260 \ Austin, TX 78759
O 512-872-7130 \ **F** 512-872-7127 \ burnsmcd.com

REFERENCES

Campbell, L. (2003). *Endangered and threatened animals of Texas. Their life history and management.* Texas Parks and Wildlife Department. Retrieved February 17, 2021 from https://tpwd.texas.gov/publications/pwdpubs/media/pwd_bk_w7000_0013.pdf

Canadian Wildlife Service (CWS) and U.S. Fish and Wildlife Service (FWS). (2007). *International recovery plan for the whooping crane*. Recovery of National Endangered Wildlife (RENEW), Ottawa, and U.S. Fish and Wildlife Service, Albuquerque, New Mexico. 162 pp.

Chesser, R.T., S.M. Billerman, K.J. Burns, C. Cicero, J.L. Dunn, A.W. Kratter, I.J. Lovette, N.A. Mason, P.C. Rasmussen, J.V. Remsen, Jr., D.F. Stotz, and K. Winker. (2020). *Check-list of North American birds (online)*. American Ornithological Society. Retrieved September 28, 2020 from http://checklist.aou.org/taxa/

Cornell Lab of Ornithology. (2021). *All about birds: piping plover*. Retrieved February 17, 2021, from http://www.allaboutbirds.org/guide/piping_plover/id

Dixon, J.R. (2013). *Amphibians and reptiles of Texas*. College Station: Texas A&M University Press.

eBird. 2021. eBird: An online database of bird distribution and abundance [web application]. eBird, Cornell Lab of Ornithology, Ithaca, New York. Retrieved February 16, 2021 from http://www.ebird.org

Farquhar, C.C. (1992). White-tailed hawk (*Buteo albicaudatus*). In A. Poole, P. Stettenheim, and F. Gill (Eds.), *The birds of North America, No. 30*. Philadelphia: The Academy of Natural Sciences, and Washington, D.C.: The American Ornithologists' Union.

Garrett, J.M., and D.G. Barker. (1987). *A field guide to reptiles and amphibians of Texas*. Austin: Texas Monthly Press, Inc.

Henke, S.E., and W.S. Fair. (1998). *Management of Texas horned lizards*. Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville. Management Bulletin No. 2.

Howells, R. G. (2006). *Statewide freshwater mussel survey*. Final report. State Wildlife Grants Program. Texas Parks and Wildlife Department, Austin.

Lewis, J.C. (1995). Whooping crane (*Grus americana*). In A. Poole and F. Gill (Eds.), *The birds of North America, No. 153*. Philadelphia: The Academy of Natural Sciences, and Washington, D.C.: the American Ornithologists' Union.

Lockwood, M.W. and B. Freeman (2014). *The TOS handbook of Texas birds*. College Station: Texas A&M University Press.

Meyer, K.D. (1995). *Swallow-tailed Kite (Elanoides forficatus), The Birds of North America Online* (A. Poole, Ed.) Cornell Lab of Ornithology; Ithica, NY. Retrieved February 17, 2021 from: https://birdsna.org/Species-Account/bna/species/138/articles/introduction

Nautilus. (2018). *A New Freshwater Bivalve of the Genus Cyclonaias from Texas (Unionidae: Ambleminae: Quadrulini). Nautilus; 132(2): 45-50*, 2018/06/29.

Oberholser, H.C. (1974). *The bird life of Texas. 2 Vols.* Austin: University of Texas Press. 1069 pp.

Randklev, C.R., E.T. Tsakris, M. S. Johnson, J. Skorupski, L.E. Burlakova, J. Groce, and N. Wilkins. (2013). Is false spike, *Quadrula mitchelli* (Bivalvia: Unionidae), extinct? First account of a very-recently deceased individual in over thirty years. *The Southwestern Naturalist 58,* 268–273.

Randklev, C.R., M.S. Johnson, E.T. Tsakris, S. Rogers-Oetker, K.J. Roe, S. McMurray, C. Robertson, J. Groce, and N. Wilkins. (2012). False spike, *Quadrula mitchelli* (Bivalvia: Unionidae) is not extinct: first account of a live population in over 30 years. *American Malacological Bulletin 30,* 327–328.

Ryder, R. R., and D. E. Manry. (1994). White-faced Ibis (*Plegadis chihi*). In A. Poole and F. Gill, (Eds.), *The birds of North America, No. 130*. Philadelphia: The Academy of Natural Sciences, and Washington, D.C.: The American Ornithologists' Union.

Schmidly, D.J. (2004). *The mammals of Texas, revised edition*. Austin: University of Texas Press.

Texas Agrilife (TX Agrilife) Extension. (2021). *The Texas breeding bird atlas: Golden eagle, Aquila chrysaetos*. Retrieved February 16, 2021 from https://txtbba.tamu.edu/species-accounts/golden-eagle/

Texas Parks and Wildlife Department (TPWD). (2009). *15 Texas freshwater mussels placed on State Threatened List*. News Release: November 5, 2009. Retrieved from http://prodweb.tpwd.state.tx.us/ newsmedia/releases/?req=20091105c

———. (2021a). *Rare, threatened, and endangered species of Texas*. Retrieved February 16, 2021, from: http://tpwd.texas.gov/gis/rtest/

———. (2021b). *Element Occurrence data export*. Wildlife Diversity Program of Texas Parks & Wildlife Department. Retrieved February 16, 2021.

———. (2021c). *Attwater's prairie chicken (Tympanuchus cupido attwateri)*. Retrieved February 17, 2021, from: https://tpwd.texas.gov/huntwild/wild/species/apc/

Thomas, C., T.H. Bonner, B.G. Whiteside, A. Sansom, and F. Gelwick. (2007). *Freshwater fishes of Texas: a field guide*. College Station: Texas A&M University Press.

Thompson, B.C., J.A. Jackson, J. Burger, L. Hill, E.M. Kirsch, and J.L. Atwood. (1997). Least tern (*Sterna antillarum*). In A. Poole and F. Gill (Eds.), *The birds of North America, No. 290*. Philadelphia: The Academy of Natural Sciences, and Washington, D.C.: The American Ornithologists' Union.

Tunnell, J.W., Jr., and F.W. Judd. (2002). *The Laguna Madre of Texas and Tamaulipas*. College Station: Texas A&M University Press. 346 pp.

U.S. Fish and Wildlife Service (USFWS). (1973). *Endangered Species Act (ESA). 1973*. Title 16 United States Code, Sections 1531–1544.

———. (1995). *Threatened and endangered species of Texas*. Austin. June.

———. (2009a). *Whooping cranes and wind development – an issue paper*. Regions 2 and 6. Retrieved February 17, 2021 from t/es/oklahoma/documents/te_species/wind%20power/whooping%20crane%20and%20wind%20development%20fws%20issue%20paper%20-%20final%20%20april%202009.pdf

———. (2009b). *Species profile for the golden orb (Quadrula aurea)*. Retrieved February 17, 2021, from: http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=F04J

———. (2011). Endangered and threatened wildlife and plants; findings for petitioned candidate species – red knot (*Calidris canutus rufa*). U.S. Fish and Wildlife Service, Department of the Interior. *Federal Register, Vol. 76, No. 207.*

———. (2015). *Federal Register/ Vol. 80, No. 247/Thursday, December 24, 2015*.

———. (2021a). *IPaC – Information, Planning, and Conservation System*. Retrieved February 16, 2021, from http://ecos.fws.gov/ipac/

———. (2021b). *Eastern black rail (Laterallus jamaicensis jamaicensis).* Retrieved February 16, 2021 from: https://www.fws.gov/southeast/wildlife/birds/eastern-black-rail/

ATTACHMENT A – FIGURES

Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermit\Studies\Geospatial\DataFiles\ArcDocs\TE_Figure1.mxd gacox 9/13/2018

Legend

City of Victoria Landfill Expansion

NORTH

1 0.5 0 1

Miles

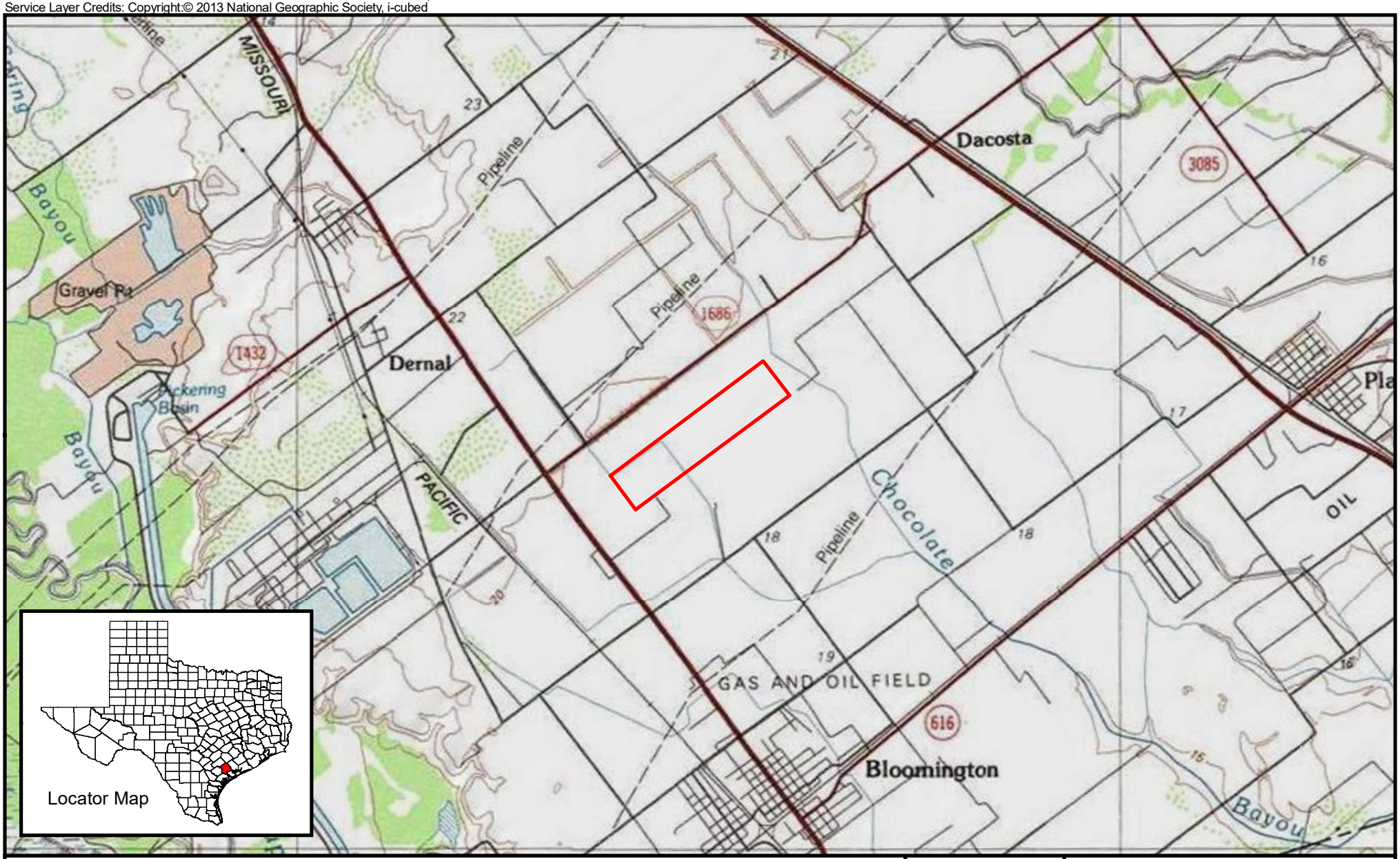
BURNS McDONNELL

Figure A-1
Project Location
City of Victoria
Landfill Expansion Project
Victoria County, Texas

Source: USDA NAIP, "Victoria County, Texas" (2016). TNRIS; Burns & McDonnell Engineering Company, Inc

Issued: 9/13/2018
Rev 0, March 28, 2022

Path: Z:\Clients\ENS\CityVictoria\107608_LandfillPermit\Studies\Geospatial\DataFiles\ArcDocs\TE_Figure2.mxd gacox 9/13/2018



Legend

City of Victoria Landfill Expansion

NORTH

1 0.5 0 1

Miles

BURNS McDONNELL

Figure A-2
Project Location
City of Victoria
Landfill Expansion Project
Victoria County, Texas

Source: ESRI; TNRIS; Burns & McDonnell Engineering Company, Inc

Issued: 9/13/2018

ATTACHMENT B – USFWS IPAC AND TPWD VICTORIA COUNTY LIST

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Texas Coastal Ecological Services Field Office
4444 Corona Drive, Suite 215
Corpus Christi, TX 78411
Phone: (281) 286-8282 Fax: (281) 488-5882
http://www.fws.gov/southwest/es/TexasCoastal/
http://www.fws.gov/southwest/es/ES_Lists_Main2.html

In Reply Refer To: February 16, 2021
Consultation Code: 02ETTX00-2015-SLI-0680
Event Code: 02ETTX00-2021-E-02469
Project Name: City of Victoria Landfill Expansion

Subject: Updated list of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The U.S. Fish and Wildlife Service (Service) field offices in Clear Lake, Tx, and Corpus Christi, Tx, have combined administratively to form the Texas Coastal Ecological Services Field Office. A map of the Texas Coastal Ecological Services Field Office area of responsibility can be found at: http://www.fws.gov/southwest/es/TexasCoastal/Map.html. All project related correspondence should be sent to the field office responsible for the area in which your project occurs. For projects located in southeast Texas please write to: Field Supervisor; U.S. Fish and Wildlife Service; 17629 El Camino Real Ste. 211; Houston, Texas 77058. For projects located in southern Texas please write to: Field Supervisor; U.S. Fish and Wildlife Service; P.O. Box 81468; Corpus Christi, Texas 78468-1468. For projects located in six counties in southern Texas (Cameron, Hidalgo, Starr, Webb, Willacy, and Zapata) please write: Santa Ana NWR, ATTN: Ecological Services Sub Office, 3325 Green Jay Road, Alamo, Texas 78516.

The enclosed species list identifies federally threatened, endangered, and proposed to be listed species; designated critical habitat; and candidate species that may occur within the boundary of your proposed project and/or may be affected by your proposed project.

New information from updated surveys, changes in the abundance and distribution of species, changes in habitat conditions, or other factors could change the list. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the ECOS-IPaC website http://ecos.fws.gov/ipac/ at regular intervals during project planning and implementation for updates to species list and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

Candidate species have no protection under the Act but are included for consideration because they could be listed prior to the completion of your project. The other species information should help you determine if suitable habitat for these listed species exists in any of the proposed project areas or if project activities may affect species on-site, off-site, and/or result in "take" of a federally listed species.

"Take" is defined as harass, harm, pursue, hunt, shoot, wound, kill, trap, capture or collect, or to attempt to engage in any such conduct. In addition to the direct take of an individual animal, habitat destruction or modification can be considered take, regardless of whether it has been formally designated as critical habitat, if the activity results in the death or injury of wildlife by removing essential habitat components or significantly alters essential behavior patterns, including breeding, feeding, or sheltering.

Section 7

Section 7 of the Act requires that all Federal agencies consult with the Service to ensure that actions authorized, funded or carried out by such agencies do not jeopardize the continued existence of any listed threatened or endangered species or adversely modify or destroy critical habitat of such species. It is the responsibility of the Federal action agency to determine if the proposed project may affect threatened or endangered species. If a "may affect" determination is made, the Federal agency shall initiate the section 7 consultation process by writing to the office that has responsibility for the area in which your project occurs.

Is not likely to adversely affect - the project may affect listed species and/or critical habitat; however, the effects are expected to be discountable, insignificant, or completely beneficial. Certain avoidance and minimization measures may need to be implemented in order to reach this level of effects. The Federal agency or the designated non-Federal representative should seek written concurrence from the Service that adverse effects have been eliminated. Be sure to include all of the information and documentation used to reach your decision with your request for concurrence. The Service must have this documentation before issuing a concurrence.

Is likely to adversely affect - adverse effects to listed species may occur as a direct or indirect result of the proposed action or its interrelated or interdependent actions, and the effect is not discountable, insignificant, or beneficial. If the overall effect of the proposed action is beneficial to the listed species but also is likely to cause some adverse effects to individuals of that species, then the proposed action "is likely to adversely affect" the listed species. An "is likely to adversely affect" determination requires the Federal action agency to initiate formal section 7 consultation with this office.

No effect - the proposed action will not affect federally listed species or critical habitat (i.e., suitable habitat for the species occurring in the project county is not present in or adjacent to the action area). No further coordination or contact with the Service is necessary. However, if the project changes or additional information on the distribution of listed or proposed species becomes available, the project should be reanalyzed for effects not previously considered.

Regardless of your determination, the Service recommends that you maintain a complete record of the evaluation, including steps leading to the determination of affect, the qualified personnel conducting the evaluation, habitat conditions, site photographs, and any other related articles.

Please be advised that while a Federal agency may designate a non-Federal representative to conduct informal consultations with the Service, assess project effects, or prepare a biological assessment, the Federal agency must notify the Service in writing of such a designation. The Federal agency shall also independently review and evaluate the scope and contents of a biological assessment prepared by their designated non-Federal representative before that document is submitted to the Service.

The Service's Consultation Handbook is available online to assist you with further information on definitions, process, and fulfilling Act requirements for your projects at: http://www.fws.gov/endangered/esa-library/pdf/esa_section7_handbook.pdf

Section 10

If there is no federal involvement and the proposed project is being funded or carried out by private interests and/or non-federal government agencies, and the project as proposed may affect listed species, a section 10(a)(1)(B) permit is recommended. The Habitat Conservation Planning Handbook is available at: http://www.fws.gov/endangered/esa-library/pdf/HCP_Handbook.pdf

Service Response

Please note that the Service strives to respond to requests for project review within 30 days of receipt, however, this time period is not mandated by regulation. Responses may be delayed due to workload and lack of staff. Failure to meet the 30-day timeframe does not constitute a concurrence from the Service that the proposed project will not have impacts to threatened and endangered species.

Proposed Species and/or Proposed Critical Habitat

While consultations are required when the proposed action may affect listed species, section 7(a)(4) was added to the ESA to provide a mechanism for identifying and resolving potential conflicts between a proposed action and proposed species or proposed critical habitat at an early planning stage. The action agency should seek conference from the Service to assist the action agency in determining effects and to advise the agency on ways to avoid or minimize adverse effect to proposed species or proposed critical habitat.

Candidate Species

Candidate species are species that are being considered for possible addition to the threatened and endangered species list. They currently have no legal protection under the ESA. If you find you have potential project impacts to these species the Service would like to provide technical assistance to help avoid or minimize adverse effects. Addressing potential impacts to these species at this stage could better provide for overall ecosystem healh in the local area and ay avert potential future listing.

Several species of freshwater mussels occur in Texas and four are candidates for listing under the ESA. The Service is also reviewing the status of six other species for potential listing under the ESA. One of the main contributors to mussel die offs is sedimentation, which smothers and suffocates mussels. To reduce sedimentation within rivers, streams, and tributaries crossed by a

project, the Service recommends that that you implement the best management practices found at: http://www.fws.gov/southwest/es/TexasCoastal/FreshwaterMussels.html.

Candidate Conservation Agreements (CCAs) or Candidate Conservation Agreements with Assurances (CCAAs) are voluntary agreements between the Service and public or private entities to implement conservation measures to address threats to candidate species. Implementing conservation efforts before species are listed increases the likelihood that simpler, flexible, and more cost-effective conservation options are available. A CCAA can provide participants with assurances that if they engage in conservation actions, they will not be required to implement additional conservation measures beyond those in the agreement. For additional information on CCAs/CCAAs please visit the Service's website at http://www.fws.gov/endangered/what-we-do/cca.html.

Migratory Birds

The Migratory Bird Treaty Act (MBTA) implements various treaties and conventions for the protection of migratory birds. Under the MBTA, taking, killing, or possessing migratory birds is unlawful. Many may nest in trees, brush areas or other suitable habitat. The Service recommends activities requiring vegetation removal or disturbance avoid the peak nesting period of March through August to avoid destruction of individuals or eggs. If project activities must be conducted during this time, we recommend surveying for active nests prior to commencing work. A list of migratory birds may be viewed at http://www.fws.gov/migratorybirds/regulationspolicies/mbta/mbtandx.html.

The bald eagle (*Haliaeetus leucocephalus*) was delisted under the Act on August 9, 2007. Both the bald eagle and the goden eagle (*Aquila chrysaetos*) are still protected under the MBTA and BGEPA. The BGEPA affords both eagles protection in addition to that provided by the MBTA, in particular, by making it unlawful to "disturb" eagles. Under the BGEPA, the Service may issue limited permits to incidentally "take" eagles (e.g., injury, interfering with normal breeding, feeding, or sheltering behavior nest abandonment). For more information on bald and golden eagle management guidlines, we recommend you review information provided at http://www.fws.gov/midwest/eagle/pdf/NationalBaldEagleManagementGuidelines.pdf.

The construction of overhead power lines creates threats of avian collision and electrocution. The Service recommends the installation of underground rather than overhead power lines whenever possible. For new overhead lines or retrofitting of old lines, we recommend that project developers implement, to the maximum extent practicable, the Avian Power Line Interaction Committee guidelines found at http://www.aplic.org/.

Meteorological and communication towers are estimated to kill millions of birds per year. We recommend following the guidance set forth in the Service Interim Guidelines for Recommendations on Communications Tower Siting, Constructions, Operation and Decommissioning, found online at: http://www.fws.gov/habitatconservation/communicationtowers.html, to minimize the threat of avian mortality at these towers. Monitoring at these towers would provide insight into the effectiveness of the minimization measures. We request the results of any wildlife mortality monitoring at towers associated with this project.

We request that you provide us with the final location and specifications of your proposed towers, as well as the recommendations implemented. A Tower Site Evaluation Form is also available via the above website; we recommend you complete this form and keep it in your files. If meteorological towers are to be constructed, please forward this completed form to our office.

More information concerning sections 7 and 10 of the Act, migratory birds, candidate species, and landowner tools can be found on our website at: http://www.fws.gov/southwest/es/TexasCoastal/ProjectReviews.html.

Wetlands and Wildlife Habitat

Wetlands and riparian zones provide valuable fish and wildlife habitat as well as contribute to flood control, water quality enhancement, and groundwater recharge. Wetland and riparian vegetation provides food and cover for wildlife, stabilizes banks and decreases soil erosion. These areas are inherently dynamic and very sensitive to changes caused by such activities as overgrazing, logging, major construction, or earth disturbance. Executive Order 11990 asserts that each agency shall provide leadership and take action to minimize the destruction, loss or degradation of wetlands, and to preserve and enhance the natural and beneficial value of wetlands in carrying out the agency's responsibilities. Construction activities near riparian zones should be carefully designed to minimize impacts. If vegetation clearing is needed in these riparian areas, they should be re-vegetated with native wetland and riparian vegetation to prevent erosion or loss of habitat. We recommend minimizing the area of soil scarification and initiating incremental re-establishment of herbaceous vegetation at the proposed work sites. Denuded and/or disturbed areas should be re-vegetated with a mixture of native legumes and grasses. Species commonly used for soil stabilization are listed in the Texas Department of Agriculture's (TDA) Native Tree and Plant Directory, available from TDA at P.O. Box 12847, Austin, Texas 78711. The Service also urges taking precautions to ensure sediment loading does not occur to any receiving streams in the proposed project area. To prevent and/or minimize soil erosion and compaction associated with construction activities, avoid any unnecessary clearing of vegetation, and follow established rights-of-way whenever possible. All machinery and petroleum products should be stored outside the floodplain and/or wetland area during construction to prevent possible contamination of water and soils.

Wetlands and riparian areas are high priority fish and wildlife habitat, serving as important sources of food, cover, and shelter for numerous species of resident and migratory wildlife. Waterfowl and other migratory birds use wetlands and riparian corridors as stopover, feeding, and nesting areas. We strongly recommend that the selected project site not impact wetlands and riparian areas, and be located as far as practical from these areas. Migratory birds tend to concentrate in or near wetlands and riparian areas and use these areas as migratory flyways or corridors. After every effort has been made to avoid impacting wetlands, you anticipate unavoidable wetland impacts will occur; you should contact the appropriate U.S. Army Corps of Engineers office to determine if a permit is necessary prior to commencement of construction activities.

If your project will involve filling, dredging, or trenching of a wetland or riparian area it may require a Clean Water Act Section 404 permit from the U.S. Army Corps of Engineers (COE).

For permitting requirements please contact the U.S. Corps of Engineers, District Engineer, P.O. Box 1229, Galveston, Texas 77553-1229, (409) 766-3002.

Beneficial Landscaping

In accordance with Executive Order 13112 on Invasive Species and the Executive Memorandum on Beneficial Landscaping (42 C.F.R. 26961), where possible, any landscaping associated with project plans should be limited to seeding and replanting with native species. A mixture of grasses and forbs appropriate to address potential erosion problems and long-term cover should be planted when seed is reasonably available. Although Bermuda grass is listed in seed mixtures, this species and other introduced species should be avoided as much as possible. The Service also recommends the use of native trees, shrubs, and herbaceous species that are adaptable, drought tolerant and conserve water.

State Listed Species

The State of Texas protects certain species. Please contact the Texas Parks and Wildlife Department (Endangered Resources Branch), 4200 Smith School Road, Austin, Texas 78744 (telephone 512/389-8021) for information concerning fish, wildlife, and plants of State concern or visit their website at: http://www.tpwd.state.tx.us/huntwild/wild/wildlife_diversity/texas_rare_species/listed_species/.

If we can be of further assistance, or if you have any questions about these comments, please contact 281/286-8282 if your project is in southeast Texas, or 361/994-9005, ext. 246, if your project is in southern Texas. Please refer to the Service consultation number listed above in any future correspondence regarding this project.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Texas Coastal Ecological Services Field Office
4444 Corona Drive, Suite 215
Corpus Christi, TX 78411
(281) 286-8282

Project Summary

Consultation Code: 02ETTX00-2015-SLI-0680
Event Code: 02ETTX00-2021-E-02469
Project Name: City of Victoria Landfill Expansion
Project Type: Landfill
Project Description: City of Victoria is proposing a landfill expansion in Victoria County, Texas.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@28.68974016464987,-96.9047284210356,14z

Counties: Victoria County, Texas

Endangered Species Act Species

There is a total of 4 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 2 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

NAME	STATUS
Attwater's Greater Prairie-chicken *Tympanuchus cupido attwateri*	Endangered
No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7259	
Piping Plover *Charadrius melodus*	Threatened
Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is **final** critical habitat for this species. The location of the critical habitat is not available. This species only needs to be considered under the following conditions: ▪ Wind related projects within migratory route. Species profile: https://ecos.fws.gov/ecp/species/6039	
Red Knot *Calidris canutus rufa*	Threatened
No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: ▪ Wind Related Projects Within Migratory Route Species profile: https://ecos.fws.gov/ecp/species/1864	
Whooping Crane *Grus americana*	Endangered
Population: Wherever found, except where listed as an experimental population There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/758	

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT
5151 FLYNN PARKWAY, SUITE 306
CORPUS CHRISTI, TEXAS 78411

June 12, 2019

Corpus Christi Regulatory Field Office

SUBJECT: File No. SWG- 2019-00311; Approved Jurisdictional Determination

The City of Victoria
Attn: Mr. Darryl Lesak
P.O. Box 1758
Victoria, Texas 77901-1758

Dear Mr. Lesak:

This is in regard to your April 25, 2019 request, submitted on your behalf by Burns & McDonnell Engineering, Inc., to determine whether a Department of the Army permit is required for the City of Victoria's (the City) proposed Victoria Landfill Expansion project. The proposed project includes approximately 300 acres of City-owned property adjacent to the City's existing landfill. The project site is located on the south side of Farm-to-Market Road (FM) 1686 approximately 0.75 mile east of its intersection with Shepley Street, approximately 7 miles southeast of Victoria, Victoria County, Texas. The project location is shown on the enclosed vicinity map on 1 sheet.

Upon reviewing the City's proposed activity, as described in the submitted document, the Corps has concluded there are no waters of the United States within your specific project site. Therefore, the proposed project is not subject to our jurisdiction under Section 10 of the Rivers and Harbors Act of 1899 or Section 404 of the Clean Water Act; and as such, a DA permit is not required. The enclosed approved jurisdictional determination (AJD), dated May 15, 2019, is valid for 5 years from the date of this letter unless new information warrants a revision of the determination prior to the expiration date.

Corps determinations are conducted to identify the limits of the Corps Clean Water Act jurisdiction for particular sites. This determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985, as amended. If the City or its tenant(s) are USDA program participants, or anticipate participation in USDA programs, the City should request a certified wetland determination from the local office of the Natural Resources Conservation Service prior to starting work.

If the City objects to this determination, the City may request an administrative appeal under Corps regulations at 33 CFR Part 331.5. Also enclosed are a combined Notification of Administrative Appeal Options and Process (NAP) and Request for

Appeal (RFA) form. If the City requests to appeal this determination the City must submit a completed RFA to the Southwestern Division Office at the following address:

Mr. Elliott Carman
Regulatory Appeals Officer
Southwest Division USACE (CESWD-PD-O)
1100 Commerce Street, Suite 831
Dallas, Texas 75242-1317
Telephone: 469-487-7061; FAX: 469-487-7199

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete; that it meets the criteria for appeal under 33 CFR Part 331.5, and that it has been received by the Division Office within **60 days** of the date of the NAP. It is not necessary to submit an RFA form to the Division office if the City does not object to the determination in this letter.

Please reference file number **SWG- 2019-00311** in future correspondence pertaining to this subject. If there are any questions, please contact Mark Pattillo at the letterhead address or by telephone at 361-814-5847, ext. 1004. To assist us in improving our service to the public, please complete the survey found at http://corpsmapu.usace.army.mil/cm_apex/f?p=136:4:0.

Sincerely,

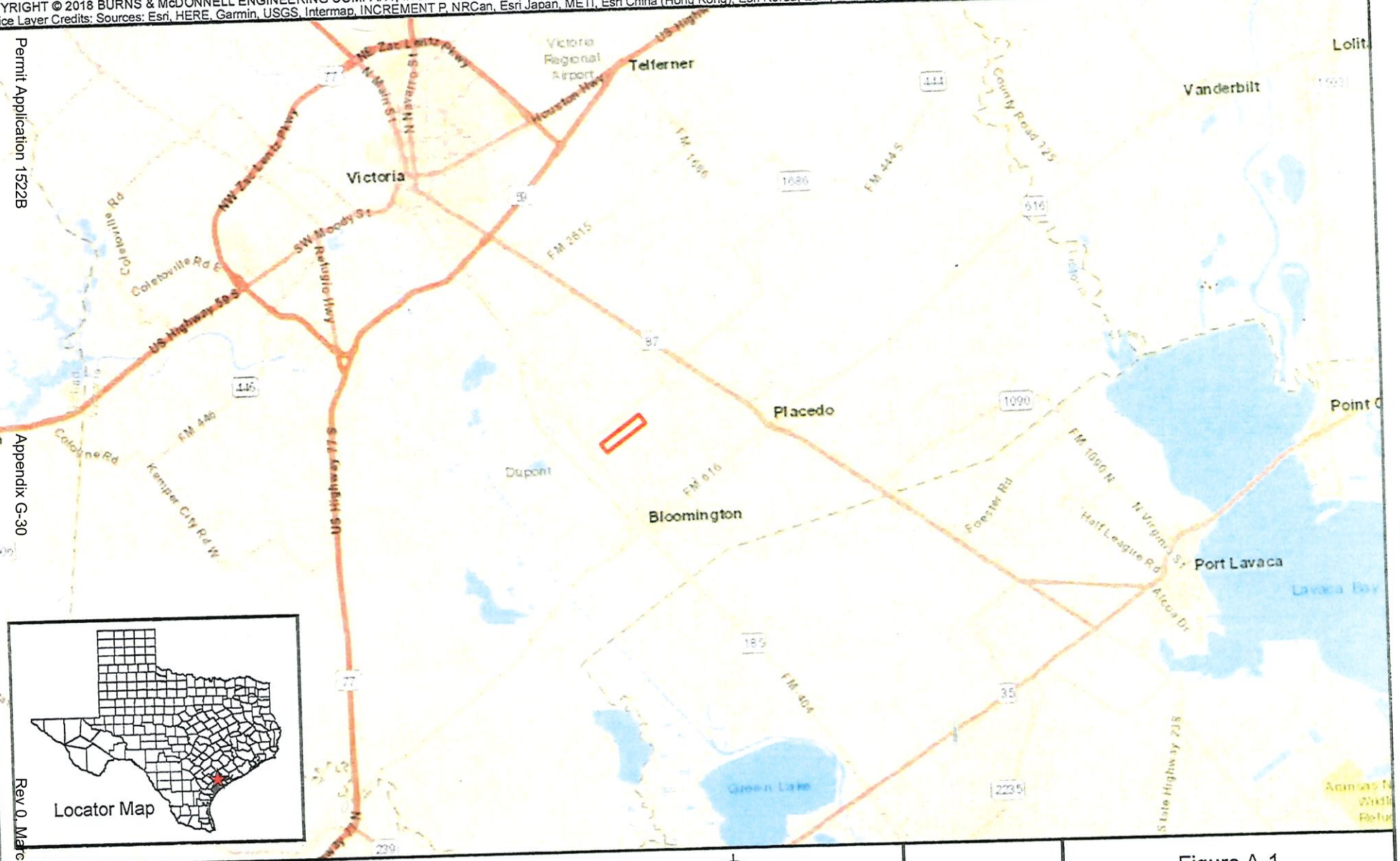
Dwayne Johnson
Acting Supervisor
Corpus Christi Regulatory Field Office

Enclosures

Path: Z:\Clients\E. ...ityVictoria\107608_LandfillPermit\Studies\Geospatial\DataFiles\ArcDocs\Wetlands_FigureA1_Vic....mxd gacox 12/6/2018

Permit Application 1522B

Appendix G-30



Rev 0, March 28, 2022

Legend

Survey Area

NORTH

4 2 0 4

Miles

BURNS McDONNELL

Figure A-1
Vicinity Map
City of Victoria
Landfill Expansion Project
Victoria County, Texas

Issued: 12/6/2018

Source: ESRI; Burns & McDonnell Engineering Company, Inc

SWQ-2019-00311

APR 26 2019

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: City of Victoria	File Number: SWG-2019-00311	Date 12 June 2019
Attached is:		See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of Permission)	A
	PROFFERED PERMIT (Standard Permit or Letter of Permission)	B
	PERMIT DENIAL	C
X	APPROVED JURISDICTIONAL DETERMINATION	D
	PRELIMINARY JURISDICTIONAL DETERMINATION	E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/appeals.aspx or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

APPROVED JURISDICTIONAL DETERMINATION FORM
U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 15 May 2019

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Galveston District, SWG-2019-00311, WA001, PA001, PA002, PA003 (See Table at end)

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Texas County/Parish: Victoria City: Bloomington

Center coordinates of site (lat/long in degree decimal format, NAD-83): Lat. ° N, Long. ° W;

Universal Transverse Mercator: UTM: , N., E.,NAD: SEE TABLE

Name of nearest water body: Chocolate Bayou

Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: None

Name of watershed or Hydrologic Unit Code (HUC): 12100402

☒ Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.

☐ Check if other sites (e.g., offsite mitigation sites, disposal sites, etc…) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☒ Office (Desk) Determination. Date: 15 May 2019

☐ Field Determination. Date(s):

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There Are no *"navigable waters of the U.S."* within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [***Required***]

☐ Waters subject to the ebb and flow of the tide.

☐ Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce. Explain:

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There Are no *"waters of the U.S."* within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [***Required***]

1. **Waters of the U.S.**
   a. **Indicate presence of waters of U.S. in review area (check all that apply):** [1]
      - ☐ TNWs, including territorial seas
      - ☐ Wetlands adjacent to TNWs
      - ☐ Relatively permanent waters[2] (RPWs) that flow directly or indirectly into TNWs
      - ☐ Non-RPWs that flow directly or indirectly into TNWs
      - ☐ Wetlands directly abutting RPWs that flow directly or indirectly into TNWs
      - ☐ Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs
      - ☐ Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
      - ☐ Impoundments of jurisdictional waters
      - ☐ Isolated (interstate or intrastate) waters, including isolated wetlands

   b. **Identify (estimate) size of waters of the U.S. in the review area:**
      Non-wetland waters: linear feet: width (ft) and/or acres
      Wetlands: acres

   c. **Limits (boundaries) of jurisdiction** based on: Pick List
      Elevation of established OHWM (if known):

2. **Non-regulated waters/wetlands (check if applicable):**[3]

[1] Boxes checked below shall be supported by completing the appropriate sections in Section III below.
[2] For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).
[3] Supporting documentation is presented in Section III.F.

(iv) Biological Characteristics. Channel supports (check all that apply):

- ☐ Riparian corridor. Characteristics (type, average width):
- ☐ Wetland fringe. Characteristics:
- ☐ Habitat for:
  - ☐ Federally Listed species. Explain findings:
  - ☐ Fish/spawn areas. Explain findings:
  - ☐ Other environmentally-sensitive species. Explain findings:
  - ☐ Aquatic/wildlife diversity. Explain findings:

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:

(a) General Wetland Characteristics:

Properties:

Wetland size: acres

Wetland type. Explain:

Wetland quality. Explain:

Project wetlands cross or serve as state boundaries. Explain:

(b) General Flow Relationship with Non-TNW:

Flow is: Pick List. Explain:

Surface flow is: Pick List

Characteristics:

Subsurface flow: Pick List. Explain findings:

- ☐ Dye (or other) test performed:

(c) Wetland Adjacency Determination with Non-TNW:

- ☐ Directly abutting
- ☐ Not directly abutting
  - ☐ Discrete wetland hydrologic connection. Explain:
  - ☐ Ecological connection. Explain:
  - ☐ Separated by berm/barrier. Explain:

(d) Proximity (Relationship) to TNW

Project wetlands are Pick List river miles from TNW.

Project waters are Pick List aerial (straight) miles from TNW.

Flow is from: Pick List.

Estimate approximate location of wetland as within the Pick List floodplain.

(ii) Chemical Characteristics:

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain:

Identify specific pollutants, if known:

(iii) Biological Characteristics. Wetland supports (check all that apply):

- ☐ Riparian buffer. Characteristics (type, average width):
- ☐ Vegetation type/percent cover. Explain:
- ☐ Habitat for:
  - ☐ Federally Listed species. Explain findings:
  - ☐ Fish/spawn areas. Explain findings:
  - ☐ Other environmentally-sensitive species. Explain findings:
  - ☐ Aquatic/wildlife diversity. Explain findings:

3. Characteristics of all wetlands adjacent to the tributary (if any)

All wetland(s) being considered in the cumulative analysis: Pick List

Approximately ( ) acres in total are being considered in the cumulative analysis.

B. ADDITIONAL COMMENTS TO SUPPORT JD: . Based on historical aerial imagery from Google Earth and topographic maps, we determined that the proposed site was being used primarily for agricultural purposes (crops) from at least 1995 up to 2008 and is within an area that lacks any hydrological connections to waters of the U.S. Historical aerial photography shows currently ongoing excavation activity within the review area beginning in 2008 that is probably retaining sheet flow runoff from surrounding agriculture fields. The 1981 Soil Survey of Victoria County, Texas identifies the soil in the review area as Lake Charles Series, which is not listed as a hydric soil. No obvious hydrological connection is present in the aerial photography between the review area and Chocolate Bayou, which is approximately 3 aerial miles away. In addition, an earlier determination conducted on property adjacent to the current site found the area did not contain waters of the U.S. The waters present on the site appear to be the result of the soil moving activites. Per the 1986 preamble for 33 CFR 328, water-filled depressions created in dry land incidental to construction activities and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel are generally not considered waters of the U.S. unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of wates of the U.S.

APPROVED JURISDICTIONAL DETERMINATION

Site Number	Latitude	Longitude	Cowardin Class	Wetland Acreage	Total Acreage	JD Class
WA001	28.693064	-96.8989143	None	0.10	0.10	Non-Juris.
PA001	28.69479	-96.895142	None	0.00	1.49	Non-Juris.
PA002	28.692551	-96.895671	None	0.00	0.41	Non-Juris.
PA003	28.690874	-96.900243	None	0.00	6.91	Non-Juris.
Total				0.10	8.81	

APPENDIX H – CONDITIONAL LETTER OF MAP REVISION (CLOMR)

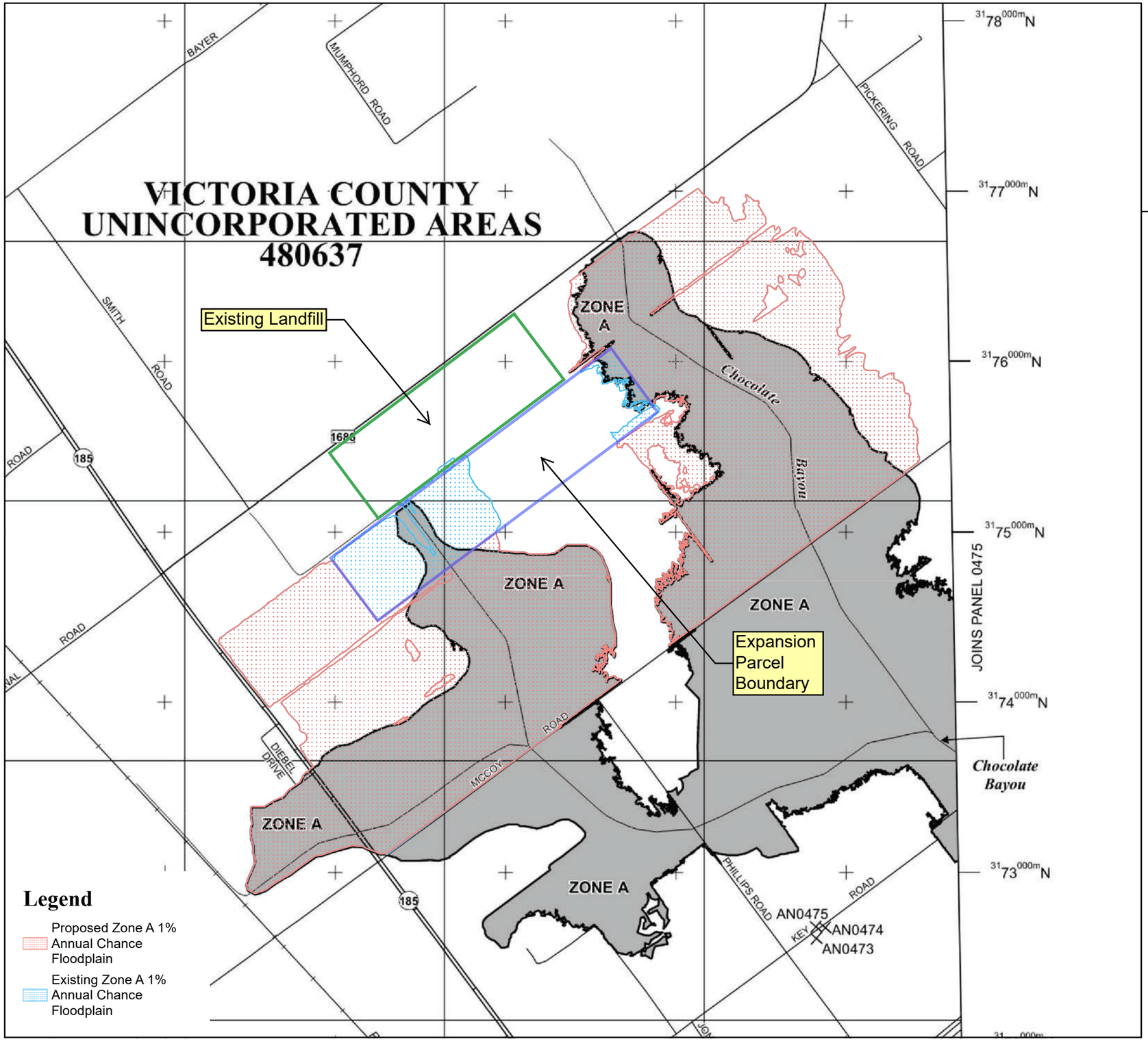
For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET

600 0 600 1200 METERS



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0450H

FIRM

FLOOD INSURANCE RATE MAP

VICTORIA COUNTY, TEXAS AND INCORPORATED AREAS

PANEL 450 OF 625

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
VICTORIA COUNTY, UNINCORPORATED AREAS	480637	0450	H

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
48469C0450H

EFFECTIVE DATE

Federal Emergency Management Agency

Federal Emergency Management Agency

Washington, D.C. 20472

November 25, 2020

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:
Case No.: 20-06-2477R

The Honorable Ben Zeller
Victoria County Judge
101 North Bridge Street, Room 102
Victoria, TX 77901

Community Name: Victoria County, TX
Community No.: 480637

104

Dear Judge Zeller:

We are providing our comments with the enclosed Conditional Letter of Map Revision (CLOMR) on a proposed project within your community that, if constructed as proposed, could revise the effective Flood Insurance Rate Map (FIRM) for your community.

If you have any questions regarding the floodplain management regulations for your community, the National Flood Insurance Program (NFIP) in general, or technical questions regarding this CLOMR, please contact the Director, Mitigation Division of the Federal Emergency Management Agency (FEMA) Regional Office in Denton, Texas, at (940) 898-5127, or the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Sincerely,

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Enclosure:
Conditional Letter of Map Revision Comment Document

cc: Mr. John Johnston, P.E., CFM
County Engineer and Floodplain Administrator
Victoria County

Mr. Darryl Lesak
Director of Environmental Services
City of Victoria

Mr. Leon Staab, P.E.
Project Manager
Burns & McDonnell Engineering Company, Inc.

Federal Emergency Management Agency

Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION
COMMENT DOCUMENT

COMMUNITY INFORMATION		PROPOSED PROJECT DESCRIPTION	BASIS OF CONDITIONAL REQUEST
COMMUNITY	Victoria County Texas (Unincorporated Areas)	FILL CHANNEL RELOCATION	HYDROLOGIC ANALYSIS HYDRAULIC ANALYSIS UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 480637		
IDENTIFIER	City of Victoria Solid Waste Landfill Expansion	APPROXIMATE LATITUDE & LONGITUDE: 28.682, -96.913 SOURCE: USGS QUADRANGLE DATUM: NAD 83	

AFFECTED MAP PANELS	
TYPE: FIRM* NO.: 4806370200B DATE: September 18, 1987	* FIRM - Flood Insurance Rate Map

FLOODING SOURCES AND REACH DESCRIPTION See Page 2 for Additional Flooding Sources

Chocolate Bayou – From the upstream side of McCoy Road to the downstream side of FM 1686

PROPOSED PROJECT DESCRIPTION

Flooding Source	Proposed Project	Location of Proposed Project
Chocolate Bayou	Fill Placement	From approximately 3,310 feet downstream of FM 1686 to approximately 1,970 feet downstream of FM 1686

SUMMARY OF IMPACTS TO FLOOD HAZARD DATA

Flooding Source	Effective Flooding	Proposed Flooding	Increases	Decreases
Chocolate Bayou	Zone A	Zone A	Yes	Yes

COMMENT

This document provides the Federal Emergency Management Agency's (FEMA's) comment regarding a request for a CLOMR for the project described above. This document is not a final determination; it only provides our comment on the proposed project in relation to the flood hazard information shown on the effective National Flood Insurance Program (NFIP) map. We reviewed the submitted data and the data used to prepare the effective flood hazard information for your community and determined that the proposed project meets the minimum floodplain management criteria of the NFIP. Your community is responsible for approving all floodplain development and for ensuring that all permits required by Federal or State/Commonwealth law have been received. State/Commonwealth, county, and community officials, based on their knowledge of local conditions and in the interest of safety, may set higher standards for construction in the Special Flood Hazard Area (SFHA), the area subject to inundation by the base flood). If the State/Commonwealth, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

This comment is based on the flood data presently available. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on the FEMA website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION
COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

ADDITIONAL FLOODING SOURCES AFFECTED BY THIS CONDITIONAL REQUEST

FLOODING SOURCES AND REACH DESCRIPTION

Unnamed Tributary to Chocolate Bayou – From approximately 2,070 feet upstream of McCoy Road to approximately 1,620 feet downstream of FM 1686

PROPOSED PROJECT DESCRIPTION

Flooding Source	Proposed Project	Location of Proposed Project
Unnamed Tributary to Chocolate Bayou	Fill Placement	From approximately 3,270 feet downstream of FM 1686 to approximately 1,710 feet downstream of FM 1686
	Channel Relocation	From approximately 3,740 feet upstream of McCoy Road to approximately 1,660 feet downstream of FM 1686

SUMMARY OF IMPACTS TO FLOOD HAZARD DATA

Flooding Source	Effective Flooding	Proposed Flooding	Increases	Decreases
Unnamed Tributary to Chocolate Bayou	Zone A	Zone A	Yes	Yes

This comment is based on the flood data presently available. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on the FEMA website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency
Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION
COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

To determine the changes in flood hazards that will be caused by the proposed project, we compared the hydraulic modeling reflecting the proposed project (referred to as the proposed conditions model) to the hydraulic modeling reflecting the existing conditions.

The table below shows the changes in the base flood water-surface elevations (WSELs).

Base Flood WSEL Comparison Table

Flooding Source: Chocolate Bayou		Base Flood WSEL Change (feet)	Location of maximum change
Proposed vs. Existing	Maximum increase	None	N/A
	Maximum decrease	0.01	Approximately 730 feet downstream of FM 1686

Flooding Source: Unnamed Tributary to Chocolate Bayou		Base Flood WSEL Change (feet)	Location of maximum change
Proposed vs. Existing	Maximum increase	0.1	Approximately 2,920 feet downstream of FM 1686
	Maximum decrease	0.1	Approximately 1,900 feet downstream of FM 1686

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the altered or relocated watercourse, including any related appurtenances such as bridges, culverts, and other drainage structures, rests with your community. We may request that your community submit a description and schedule of maintenance activities necessary to ensure this requirement.

This comment is based on the flood data presently available. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on the FEMA website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION
COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

DATA REQUIRED FOR FOLLOW-UP LOMR

Upon completion of the project, your community must submit the data listed below and request that we make a final determination on revising the effective FIRM. If the project is built as proposed and the data below are received, a revision to the FIRM would be warranted.

• Detailed application and certification forms must be used for requesting final revisions to the maps. Therefore, when the map revision request for the area covered by this letter is submitted, Form 1, entitled "Overview and Concurrence Form," must be included. A copy of this form may be accessed at https://www.fema.gov/flood-maps/change-your-flood-zone/paper-application-forms/mt-2.

• The detailed application and certification forms listed below may be required if as-built conditions differ from the proposed plans. If required, please submit new forms, which may be accessed at https://www.fema.gov/flood-maps/change-your-flood-zone/paper-application forms/mt-2, or annotated copies of the previously submitted forms showing the revised information.

Form 2, entitled "Riverine Hydrology and Hydraulics Form." Hydraulic analyses for as-built conditions of the base flood must be submitted with Form 2.

Form 3, entitled "Riverine Structures Form."

• A certified topographic work map showing the revised and effective base floodplain boundaries. Please ensure that the revised information ties in with the current effective information at the downstream and upstream ends of the revised reach.

• An annotated copy of the FIRM, at the scale of the effective FIRM, that shows the revised base floodplain boundary delineations shown on the submitted work map and how they tie-in to the base floodplain boundary delineations shown on the current effective FIRM at the downstream and upstream ends of the revised reach.

• As-built plans, certified by a registered Professional Engineer, of all proposed project elements.

• Documentation of the individual legal notices sent to property owners who will be affected by any widening or shifting of the base floodplain along Chocolate Bayou and Unnamed Tributary to Chocolate Bayou.

This comment is based on the flood data presently available. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on the FEMA website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION
COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

DATA REQUIRED FOR FOLLOW-UP LOMR (continued)

• FEMA's fee schedule for reviewing and processing requests for conditional and final modifications to published flood information and maps may be accessed at https://www.fema.gov/flood-maps/change-your-flood-zone/status/flood-map-related-fees. The fee at the time of the map revision submittal must be received before we can begin processing the request. Payment of this fee can be made through a check or money order, made payable in U.S. funds to the National Flood Insurance Program, or by credit card (Visa or MasterCard only). Please either forward the payment, along with the revision application, to the following address:

LOMC Clearinghouse
Attention: LOMR Manager
3601 Eisenhower Avenue, Suite 500
Alexandria, Virginia 22304-6426

or submit the LOMR using the Online LOMC portal at: https://hazards.fema.gov/femaportal/onlinelomc/signin

After receiving appropriate documentation to show that the project has been completed, FEMA will initiate a revision to the FIRM and FIS report. Because the flood hazard information (i.e., SFHAs and/or zone designations) will change as a result of the project, a 90-day appeal period will be initiated for the revision, during which community officials and interested persons may appeal the revised flood hazard information based on scientific or technical data.

This comment is based on the flood data presently available. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on the FEMA website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION
COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

COMMUNITY REMINDERS

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Ms. Sandy Keefe
Director, Mitigation Division
Federal Emergency Management Agency, Region VI
Federal Regional Center, Room 202
800 North Loop 288
Denton, TX 76209
(940) 898-5127

A preliminary study is being conducted for Victoria County, Texas and Incorporated Areas. Preliminary copies of the revised FIRM and FIS report were submitted to your community for review on April 30, 2020, and may become effective before the revision request following this CLOMR is submitted. Please ensure that the data submitted for the revision ties into the data effective at the time of the submittal.

This comment is based on the flood data presently available. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304. Additional Information about the NFIP is available on the FEMA website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

APPENDIX I – TPDES PERMIT

Water Quality General Permits Search

Summary of Authorization TXR05EI73

Permit Number: TXR05EI73
Authorization Status: ACTIVE
Date Coverage Began: 05/07/2019
Date Coverage Ended:

Authorization Details

Site Name on Permit: CITY OF VICTORIA LANDFILL
Authorization Type: INDUSTRIAL
Primary SIC Code: 4953
Activity Code : LF
Secondary SIC Code : 4212
Sector : L
Sector : P
Outfall Number : 001
SEGMENT NUMBER - 2453
RECEIVING WATER BODY - CHOCOLATE BAYOU
OUTFALL LATITUDE - 28.688025
OUTFALL LONGITUDE - (-96.908372)
DISCHARGE TO MARINE OR FRESH - MARINE WATER
Outfall Number : 002
SEGMENT NUMBER - 2453
RECEIVING WATER BODY - CHOCOLATE BAYOU
OUTFALL LATITUDE - 28.694078
OUTFALL LONGITUDE - (-96.906703)
DISCHARGE TO MARINE OR FRESH - MARINE WATER

Permittee Information

Operator: CN600132534 - Republic Waste Services of Texas, Ltd.
Address: 7000 E IH 10 SAN ANTONIO TX 78219 4802
Annual Fee Billing Address: DEBRA COOK
1212 HARRISON AVE ARLINGTON TX 76011 7332

Permitted Site Information

RN: RN100212968
RE Name: CITY OF VICTORIA LANDFILL
Site Location: 18545 FM 1686 VICTORIA TX 77905 1828
County: VICTORIA
TCEQ Region: REGION 14 - CORPUS CHRISTI
Latitude: 28.69333
Longitude: -96.90639

Regulated Entity Site Information

RE Name: CITY OF VICTORIA LANDFILL
Site Location: 18545 FM 1686 VICTORIA TX 77905 1828
County: VICTORIA
TCEQ Region: REGION 14 - CORPUS CHRISTI
Latitude: 28.69333
Longitude: -96.90639

Application History for this Authorization

Application Type	Status	Received Date	Final Action Date
NOTICE OF INTENT	APPROVED	05/07/2019	05/07/2019

BURNS McDONNELL

CREATE AMAZING.

Burns & McDonnell World Headquarters
9400 Ward Parkway
Kansas City, MO 64114
O 816-333-9400
F 816-333-3690
www.burnsmcd.com