



Texas Commission on Environmental Quality Waste Permits Division Correspondence Cover Sheet

Date: 1/13/2024

Facility Name: Maverick County El Indio MSW Landfill

Permit or Registration No.: 2316

Nature of Correspondence:

Initial/New

Response/Revision to TCEQ Tracking No.:
29107880 (from subject line of TCEQ letter
regarding initial submission)

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

Table 1 - Municipal Solid Waste Correspondence

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

Table 2 - Industrial & Hazardous Waste Correspondence

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

January 22, 2024
SCS Project No. 16222092.00

Ms. Savannah Rains
Waste Permits Division (MC-126)
Texas Commission on Environmental Quality
12100 Park 35 Circle, Bldg. F
Austin, TX 78753

Re: Maverick County – Maverick County El Indio MSW Landfill
Municipal Solid Waste - Permit No. 2316
Response to Information Request Letter
Tracking Number: 29107880; RN104154240
Type I Landfill Permit Limited Scope Major Amendment Application

Dear Ms. Rains:

On behalf of Maverick County Solid Waste Authority (Authority), SCS Engineers (SCS) has prepared the following response to the Texas Commission on Environmental Quality's (TCEQ's) December 1, 2023 Information Request letter, related to Type I Landfill Permit Limited Scope Amendment Application permit application for Maverick County El Indio MSW Landfill, TCEQ Permit No. MSW-2316.

Attached to this response letter, we have included one original and three (3) marked and unmarked copies, for use as replacement pages in the permit application. Where possible, with exception to TCEQ forms, we have identified proposed changes from the existing permit application in a redline/strike-out version (i.e., marked version). Additionally, we have included a revision date (January 2024) and revision number (Revision 4) on pages that have been revised as part of this NOD response. Furthermore, we have attached a signed Part 1 Form, and posted this response on the publicly accessible internet website.

For ease of review, we have included your original comment from the December 1, 2023 Information Request letter, followed by our response and/or revision in ***bold/italics***.

T1. The correction in the total waste capacity calculation implies that the final cover contours, bottom contours, and elevations would not change from what was initially approved in 2007. Please revise Attachment 2 of this application to demonstrate that the capacity re-calculation is based on the currently approved landfill unit configuration (maximum and minimum elevations). Also demonstrate the drainage has not been impacted.

As discussed and requested by TCEQ on December 19, 2023, the waste capacity re-calculation has been revised to reflect the currently approved landfill unit configuration (permitted final cover grades, as depicted in Attachment 2A and permitted landfill top of liner grades, as depicted in Attachment 2B), inclusive of permit modification previously approved by TCEQ on April 5, 2010 and June 14, 2011, as prepared and submitted by SCS.

Based on the currently approved landfill unit configuration, the waste capacity for the landfill is estimated to be 15,362,347 cubic yards (CY). An isopach comparison of permitted top of protective cover (i.e., top of liner grades depicted in Attachment 2B) and permitted top of waste (reflective of permitted final cover grades, minus the 3-foot thickness of final cover) is provided in Exhibit 1 (see Attachment 2C). This volume reflects original waste capacity estimated by SCS based on Hejl Lee and Associates design from the original permit application, approved on September 11, 2027 (previously estimated in Attachment 2 as 15,379,146 CY), and waste capacity reduction of 16,709 CY achieved via the two permit modifications prepared by SCS (approved by TCEQ on April 5, 2010 and June 14, 2011). As such, Tables 1 and 2 in Section 2.4 of Part III – Site Development Plan

Narrative, and Section 7 of Part III, Attachment 12 – Final Closure Plan, have been amended to reflect the re-calculated waste capacity of 15,362,347 CY. Refer to Attachments 4 and 5 for marked and unmarked version, respectively, of permit revisions.

Related to the surface water drainage for the landfill, this has not been impacted by prior permit modifications of the final grades as reflected by the supplemental calculations for final drainage conditions included in Part III, Attachment 6B2, as approved by TCEQ on April 5, 2010.

- T2. Section 17 of the Part I application form lists Maverick County Solid Waste Authority as the operator but lists the CN number for Maverick County. If the operator is Maverick County, please revise operator name to Maverick County to match the listed CN number. If the facility operator is Maverick County Solid Waste Authority, a TCEQ Core Data Form (TCEQ-10400) will need to be submitted to obtain a CN number.

TCEQ Core data form (TCEQ-10400) is provided in Attachment 8 of this response letter to establish Maverick County Solid Waste Authority as the facility operator.

- T3. In Section 20 of the Part I application form, provide the county for the River Basin Authority mailing address.

Section 20 on Page 9 of Part I application form (TCEQ-00650) has been revised to indicate that mailing address for the River Basin Authority is located in Webb County. Revised permit application form (TCEQ-Form 00650) is provided in Attachment 1.

- T4. Our records indicate that the facility name is Maverick County El Indio MSW Landfill. Please revise the header on all submitted permit documents to match the name listed in central registry.

Header on all submitted permit documents has been revised to indicate facility name as Maverick County El Indio MSW Landfill. Refer to Attachments 4 and 5 for marked and unmarked revised permit documents.

- T5. Please revise Section B of the Plain Language Summary, English & Spanish, to indicate applicant type as County Government.

Section B of the Plain Language Summary, English & Spanish (TCEQ-Form 20947), has been revised to indicate application type as County Government. Refer to Attachment 6 for revised TCEQ-Form 20947.

We trust that our responses will assist you in the completion of your review. If you have any questions or need additional information, please do not hesitate to contact Sandeep Saraf, P.E. at (407) 923-7013.

Sincerely,



Sandeep Saraf P.E.
Senior Project Manager
SCS ENGINEERS
TBPE Registration No. F-3407



Ryan Kuntz, P.E.
Vice President/Satellite Office Manager
SCS Engineers

- Attachments: Attachment 1 – TCEQ-Form 00650 Permit Application Form (**Revised**)
Attachment 2 - Isopach of Top of Protective Cover and Top of Permitted Waste as designed by HLA (**No change**)
Attachment 2A – Permitted Final Cover Grades (**New**)
Attachment 2B – Permitted Top of Protective Cover Grades (Top of Liner Grades, **New**)

Ms. Savannah Rains

January 22, 2024

Page 3

Attachment 2C – Isopach of Top of Protective Cover Grades and Permitted Top of Waste Grades as designed by SCS **(New)**

Attachment 3A – Landowner Map **(Marked Version, No change)**

Attachment 3B – Landowner Map **(Unmarked Version, No change)**

Attachment 4 – Permit Revisions **(Marked Version, Revised)**

Attachment 5 – Permit Revisions **(Unmarked Version, Revised)**

Attachment 6 – TCEQ-Form 20947 Plain Language Summary in English and Spanish **(Revised)**

Attachment 7 – TCEQ-Form 20960 Public Involvement Plan **(No change)**

Attachment 8 – TCEQ-Form 10400 Core Data Form **(New)**

cc: Mr. Mike Castillo, Maverick County Solid Waste Authority
TCEQ Region 16

ATTACHMENT 1

TCEQ-FORM 00650 PERMIT APPLICATION FORM (REVISED)



Texas Commission on Environmental Quality

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

Application Tracking Information

Facility Name: Maverick County El Indio MSW Landfill

Permittee or Registrant Name: Maverick County

MSW Authorization Number: 2316

Initial Submission Date: October 2023

Revision Date: January 2024

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

Application Data

1. Submission Type	
<input type="checkbox"/> Initial Submission	<input checked="" type="checkbox"/> Notice of Deficiency (NOD) Response

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

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

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

² www.tceq.texas.gov/goto/coredata

4. Application Fee

Amount

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

Payment Method

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

If paid online, enter ePay Trace Number: 582EA000569882

5. Application URL

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

<https://www.scsengineers.com/state/maverick-county-el-indio-landfill/>

6. Party Responsible for Publishing Notice

Indicate who will be responsible for publishing notice:

- Applicant Agent in Service Consultant

Contact Name: Sandeep Saraf

Title: Senior Project Manager

Email Address: ssaraf@scsengineers.com

7. Alternative Language Notice

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

Is an alternative language notice required for this application?

- Yes No

Indicate the alternative language: Spanish

8. Public Place for Copy of Application

Name of the Public Place: Maverick County Courthouse
 Physical Address: 500 Quarry Street, Suite 3
 City: Eagle Pass County: Maverick State: TX Zip Code: 78852
 Phone Number: 830-773-3824

9. Consolidated Permit Processing

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

Yes No

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

10. Confidential Documents

Does the application contain confidential documents?

Yes No

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

11. Permits and Construction Approvals

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

Table 1. Permits and Construction Approvals.

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

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

12. Facility General Information

Facility Name: Maverick County El Indio MSW Landfill

Contact Name: Mike Castillo Title: Landfill Manager

MSW Authorization Number (if existing): 2316

Regulated Entity Reference Number: **RN** 104154240

Physical or Street Address (if available): 16179 FM 1021

City: El Indio County: Maverick State: TX Zip Code: 78860

Phone Number: (830) 757-8191

Latitude (Degrees, Minutes Seconds): 28° 32' 30"

Longitude (Degrees, Minutes Seconds): 100° 19' 23"

Benchmark Elevation (above mean sea level): 736.49 feet

Description of facility location with respect to known or easily identifiable landmarks:

E. of and adjacent to Farm to Market Road (FM) 1021, approximately 1.5 miles N. of the intersection of FM1021 and FM 2366, approximately 16 miles S. of Eagle Pass, TX.

Access routes from the nearest United States or state highway to the facility:

Property is located along the northeast side of FM 1021 at the location stated above.

Coastal Management Program

Is the facility within the Coastal Management Program boundary?

Yes No

13. Facility Types

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

14. Activities Conducted at the Facility

- Storage Processing Disposal

15. Facility Waste Management Units

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

- | | |
|--|---|
| <input checked="" type="checkbox"/> Landfill Unit(s) | <input type="checkbox"/> Container(s) |
| <input type="checkbox"/> Incinerator(s) | <input type="checkbox"/> Roll-off Boxes |
| <input type="checkbox"/> Class 1 Landfill Unit(s) | <input type="checkbox"/> Surface Impoundment |
| <input type="checkbox"/> Process Tank(s) | <input type="checkbox"/> Autoclave(s) |
| <input type="checkbox"/> Storage Tank(s) | <input type="checkbox"/> Refrigeration Unit(s) |
| <input type="checkbox"/> Tipping Floor | <input type="checkbox"/> Mobile Processing Unit(s) |
| <input type="checkbox"/> Storage Area | <input type="checkbox"/> Compost Pile(s) or Vessel(s) |
| <input type="checkbox"/> 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.

This application is for a limited scope permit amendment for correction of waste capacity of the landfill.

17. Facility Contact Information

Site Operator (Permittee or Registrant)

Name: Maverick County
Customer Reference Number: **CN** 600640015
Contact Name: Ramsey English Cantu Title: Judge
Mailing Address: 500 Quarry St., Suite 3
City: Eagle Pass County: Maverick State: TX Zip Code: 78852
Phone Number: (830) 773-3824
Email Address: judgeenglishcantu@co.maverick.tx.us
Texas Secretary of State (SOS) Filing Number: _____

Operator (if different from Site Operator)

Name: Maverick County Solid Waste Authority
Customer Reference Number: **CN** _____
Contact Name: Mike Castillo Title: Landfill Manager
Mailing Address: PO Box 10
City: El Indio County: Maverick State: TX Zip Code: 78860
Phone Number: (830) 757-8191
Email Address: MikeCastillocdt@gmail.com
Texas Secretary of State (SOS) Filing Number: _____

Consultant (if applicable)

Firm Name: SCS Engineers
Consultant Name: SCS Engineers
Texas Board of Professional Engineers Firm Registration Number: F-3407
Contact Name: Sandeep Saraf Title: Senior Project Manager
Mailing Address: 1901 Central Drive, Suite 550
City: Bedford County: Tarrant State: TX Zip Code: 76021
Phone Number: (407) 923-7013
Email Address: ssaraf@scsengineers.com

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

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

18. Facility Supervisor License

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

Class A Supervisor License Class B Supervisor License

19. Ownership Status of the Facility

Business Type

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

Facility Owner

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

Yes No

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

Owner Name: _____

Mailing Address: _____

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

Phone Number: _____

Email Address: _____

20. Other Government Entities Information

Texas Department of Transportation

District: Laredo

District Engineer's Name: Epigmenio Gonzalez

Mailing Address: 1817 Bob Bullock Loop

City: Laredo County: Webb State: TX Zip Code: 78043

Phone Number: (956) 712-7401

Email Address: epigmenio.gonzalez@txdot.gov

Local Government Authority Responsible for Road Maintenance (if applicable)

Government or Agency Name: City of Eagle Pass
Contact Person's Name: Charles Fite, Maintenance Supervisor
Mailing Address: 2440 Main Street
City: Eagle Pass County: Maverick State: TX Zip Code: 78852
Phone Number: (830) 773-2617
Email Address: charles.fite@txdot.gov

City Mayor Information

City Mayor's Name: Rolando Salinas
Mailing Address: 100 S Monroe
City: Eagle Pass County: Maverick State: TX Zip Code: 78852
Phone Number: (830) 421-5107
Email Address: mayorsalinas@eaglepasstx.gov

City Health Authority

Authority Name: Public Health Region 8
Contact Person's Name: Dr. Lillian Ringdorf, M.D. MPH, Regional M
Mailing Address: 7430 Louis Pasteur Dr.
City: San Antonio County: Bexar State: TX Zip Code: 78229
Phone Number: (210) 949-2000
Email Address: region8@dshs.texas.gov

County Judge Information

County Judge's Name: Ramsey E. Cantu
Mailing Address: 500 Quarry St., Suite 3
City: Eagle Pass County: Maverick State: TX Zip Code: 78852
Phone Number: (830) 773-3824
Email Address: judgeenglishcantu@co.maverick.tx.us

County Health Authority

Agency Name: Public Health Region 8
Contact Person's Name: Dr. Lillian Ringdorf, M.D. MPH, Regional M
Mailing Address: 7430 Louis Pasteur Dr.
City: San Antonio County: Bexar State: TX Zip Code: 78229
Phone Number: (210) 949-2000
Email Address: region8@dshs.texas.gov

State Representative Information

District Number: 74
 State Representative's Name: Eddie Morales
 District Office Mailing Address: 100 S Monroe Street
 City: Eagle Pass County: Maverick State: TX Zip Code: 78852
 Phone Number: (512) 463-0566
 Email Address: eddie.morales@house.texas.gov

State Senator Information

District Number: 19
 State Senator's Name: Roland Gutierrez
 District Office Mailing Address: 2401 Garner Field Rd., Building Q2
 City: Uvalde County: Uvalde State: TX Zip Code: 78801
 Phone Number: (512) 463-0119
 Email Address: roland.gutierrez@senate.texas.gov

Council of Governments (COG)

COG Name: Middle Rio Grande Development Council
 COG Representative's Name: Michelle Garcia
 COG Representative's Title: Executive Director
 Mailing Address: 307 W. Nopal
 City: Carrizo Springs County: Dimmit State: TX Zip Code: 78834
 Phone Number: (830) 876-3533
 Email Address: michelle.garcia@mrgdc.org

River Basin Authority

Authority Name: Rio Grande River Authority
 Contact Person's Name: Tricia Cortez / Executive Director
 Watershed Sub-Basin Name: San Ambrosia – Santa Isabel
 Mailing Address: 1 West End Washington Street, Building P-11
 City: Laredo County: Webb State: TX Zip Code: 78040
 Phone Number: (956) 718-1063
 Email Address: trica@rgisc.org

U.S. Army Corps of Engineers District

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

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

Local Government Jurisdiction

Within City Limits of: N/A

Within Extraterritorial Jurisdiction of: N/A

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

Yes No

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

Signature Page

Site Operator or Authorized Signatory

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Ramsey English Cantu Title: Judge

Email Address: judgeenglishcantu@co.maverick.tx.us

Signature:  Date: 1-12-2024

Operator or Principal Executive Officer Designation of Authorized Signatory

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

I hereby designate _____ as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative in support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.

Operator or Principal Executive Officer Name: _____

Email Address: _____

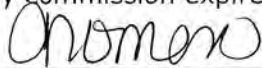
Signature: _____ Date: _____

Notary

SUBSCRIBED AND SWORN to before me by the said Ramsey English Cantu, Judge

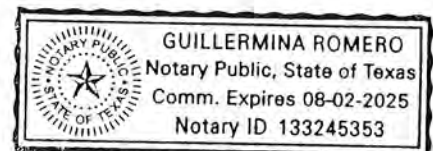
On this 12 day of JANUARY, 2024

My commission expires on the 2 day of AUGUST, 2025



Notary Public in and for

MAVERICK County, Texas



Note: Application Must Bear Signature & Seal of Notary Public

Part I Attachments

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

Attachments Table 1. Required attachments.

Required Attachments	Attachment Number
Supplementary Technical Report	N/A
Property Legal Description	N/A
Property Metes and Bounds Description	N/A
Facility Legal Description	N/A
Facility Metes and Bounds Description	N/A
Metes and Bounds Drawings	N/A
On-Site Easements Drawing	N/A
Land Ownership Map	3
Landowners List	3
Mailing Labels (printed and electronic)	3
Texas Department of Transportation (TxDOT) County Map	N/A
General Location Map	N/A
General Topographic Map	N/A
Verification of Legal Status	N/A
Property Owner Affidavit	N/A
Evidence of Competency	N/A

Attachments Table 2. Additional attachments as applicable.

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input type="checkbox"/> TCEQ Core Data Form(s)	
<input type="checkbox"/> Signatory Authority Delegation	
<input checked="" type="checkbox"/> Fee Payment Receipt	1
<input type="checkbox"/> Confidential Documents	
<input type="checkbox"/> Waste Storage, Processing and Disposal Ordinances	
<input type="checkbox"/> Final Plat Record of Property	

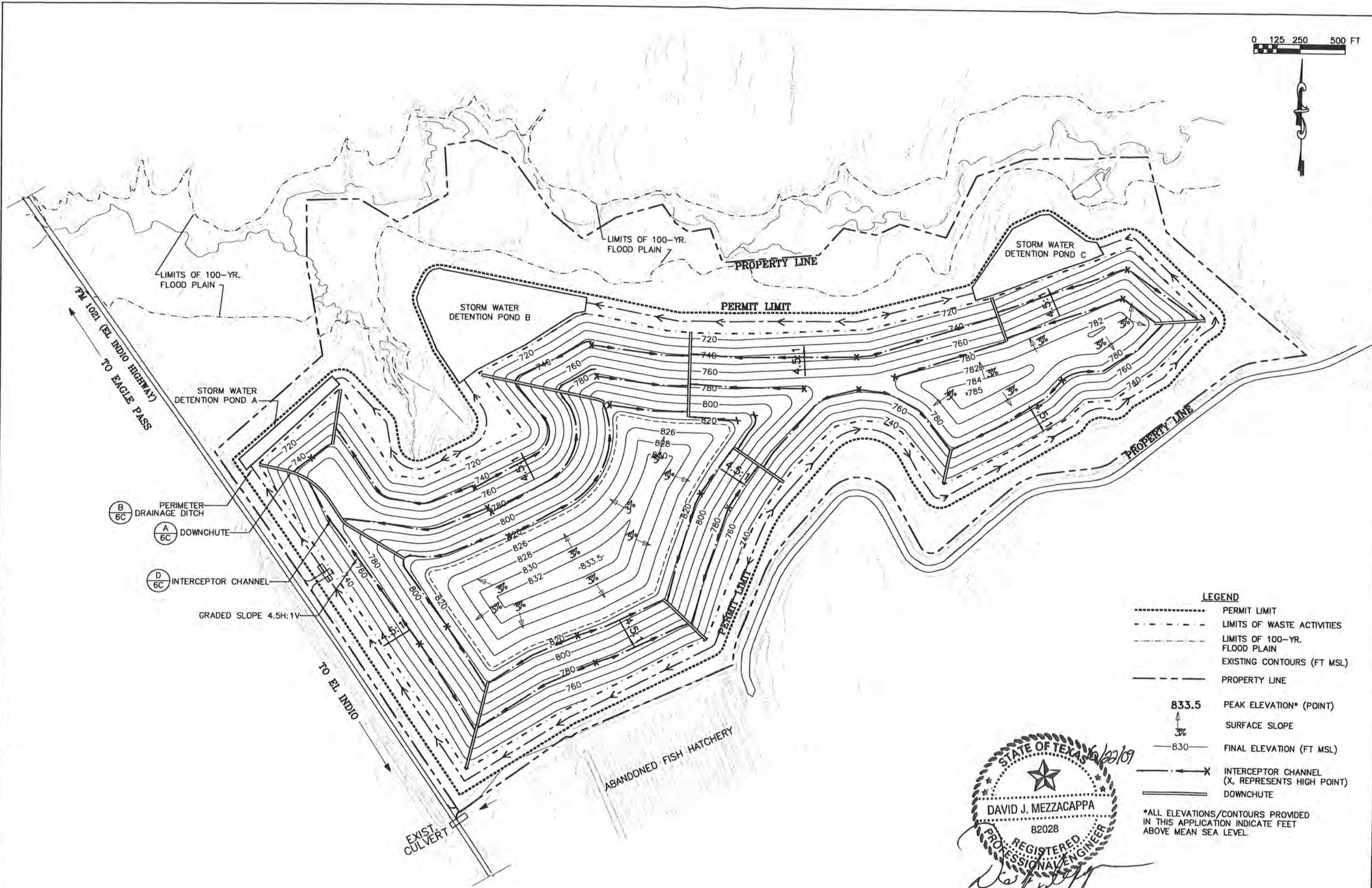
Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input type="checkbox"/> Certificate of Fact (Certificate of Incorporation)	
<input type="checkbox"/> Assumed Name Certificate	
Other (describe):	
Other (describe):	
Other (describe):	

ATTACHMENT 2A

PERMITTED FINAL COVER GRADES (NEW)

4/19/2009 5:28 PM C:\MAPPING\COUNTY LANDFILL\LANDFILL\CC 5-09 FINAL CONTOUR MAP

0 125 250 500 FT



- LEGEND**
- PERMIT LIMIT
 - - - - - LIMITS OF WASTE ACTIVITIES
 - - - - - LIMITS OF 100-YR. FLOOD PLAIN
 - EXISTING CONTOURS (FT MSL)
 - PROPERTY LINE
 - 833.5 PEAK ELEVATION* (POINT)
 - 3% SURFACE SLOPE
 - 830----- FINAL ELEVATION (FT MSL)
 - X--- INTERCEPTOR CHANNEL (X, REPRESENTS HIGH POINT)
 - DOWNSHUTE

*ALL ELEVATIONS/CONTOURS PROVIDED IN THIS APPLICATION INDICATE FEET ABOVE MEAN SEA LEVEL.

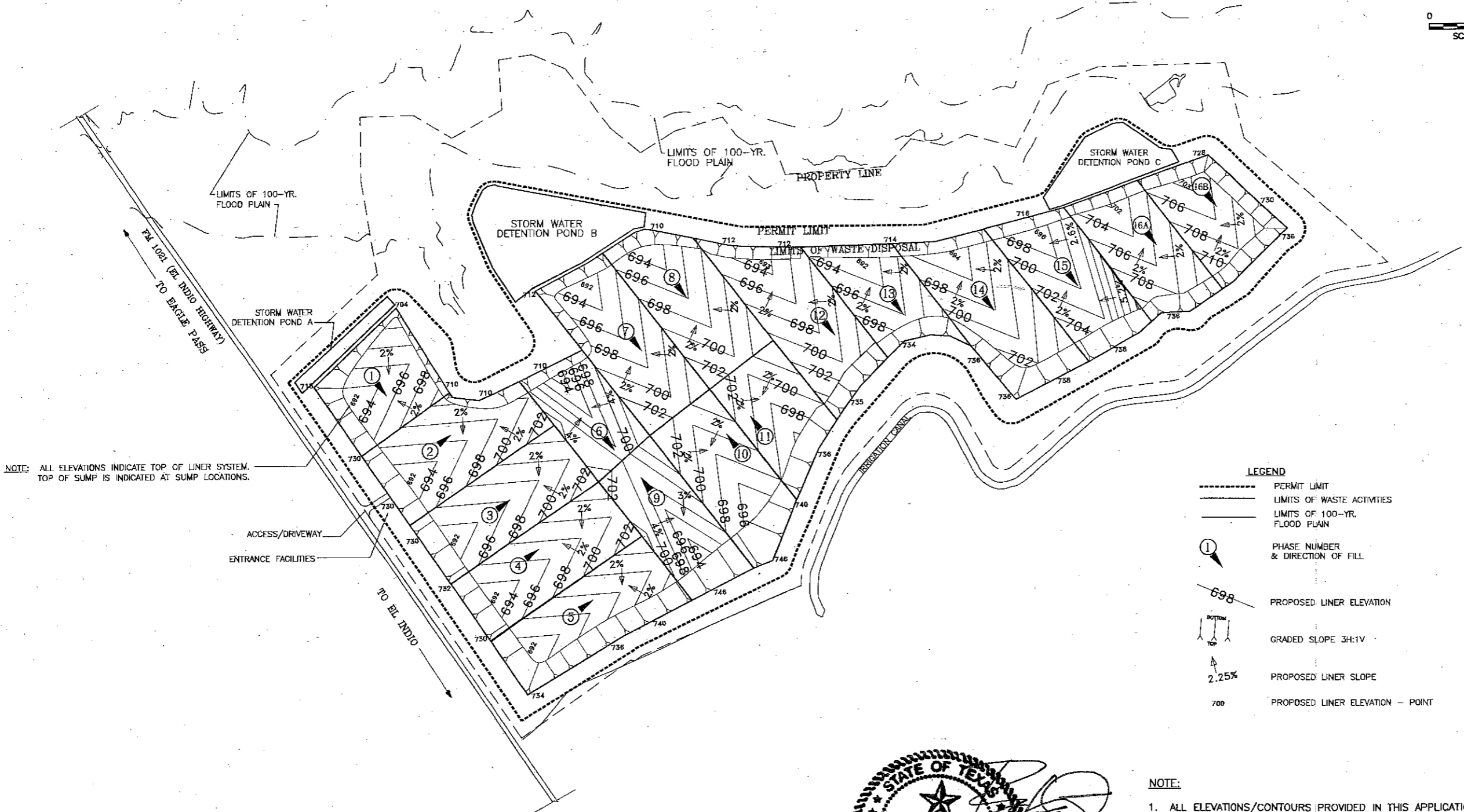
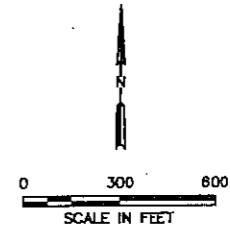


FOR PERMIT PURPOSES ONLY

BY: RK	DESCRIPTION: REMOVE 20' WIDE TERRACES; REVISE FINAL GRADES AND ADD INTERCEPTOR CHANNELS
REVISION: 4/09	
DRAWING TITLE: FINAL CONTOUR MAP	
PROJECT TITLE: MAVERICK COUNTY EL INDIO LANDFILL PERMIT MODIFICATION	
CLIENT: MAVERICK COUNTY 500 QUARRY STREET, TEXAS 78852 EAGLE PASS, TEXAS 78852	
CADD FILE: CC 5-09 FINAL CONTOUR MAP	DATE: 4-2009
SCALE: AS SHOWN	ATTACHMENT: 7
PROJ. NO. B208046	DATE: 4/19/09
DRAWN BY: RJK	CHECKED BY: DMZ
TEXAS BOARD OF PROFESSIONAL ENGINEERS REG. NO. F-9407	

ATTACHMENT 2B

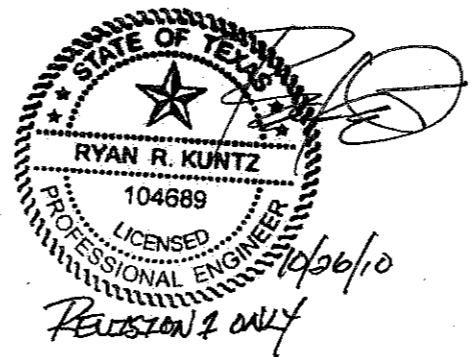
PERMITTED TOP OF PROTECTIVE COVER (TOP OF LINER GRADES, NEW)



NOTE: ALL ELEVATIONS INDICATE TOP OF LINER SYSTEM.
TOP OF SUMP IS INDICATED AT SUMP LOCATIONS.

- LEGEND**
- PERMIT LIMIT
 - LIMITS OF WASTE ACTIVITIES
 - LIMITS OF 100-YR. FLOOD PLAN
 - ① PHASE NUMBER & DIRECTION OF FILL
 - 698 PROPOSED LINER ELEVATION
 - 3H:1V GRADED SLOPE
 - 2.25% PROPOSED LINER SLOPE
 - 700 PROPOSED LINER ELEVATION - POINT

NOTE:
1. ALL ELEVATIONS/CONTOURS PROVIDED IN THIS APPLICATION INDICATE FEET ABOVE MEAN SEA LEVEL.



REV. DATE	DESCRIPTION
10/10	REVISE PHASE 12 AND PHASE 16 TOP OF LINER GRADES

DRAWING TITLE
TOP OF LINER GRADES

PROJECT TITLE
**MAVERICK COUNTY
EL INDIO LANDFILL**

CLIENT
**MAVERICK COUNTY
500 QUARRY STREET, SUITE 3
EAGLE PASS, TEXAS 78852**

STEARN, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
1901 CENTRAL DRIVE, SUITE 600, BEDFORD, TX 76021
PH (817) 571-2288 FAX NO. (817) 571-2186

DESIGNER: RRR
CHECKER: KDY
APP. BY: DMZ

CADD FILE:
B-10

DATE:
10/2010

SCALE:
AS SHOWN

ATTACHMENT
1D

FOR PERMIT PURPOSES ONLY

10/27/2010 3:53 PM C:\MAVERICK COUNTY LANDFILL\2010\10\27\10

ATTACHMENT 2C

**ISOPACH OF PERMITTED TOP OF PROTECTIVE COVER GRADES AND PERMITTED TOP OF WASTE GRADES
AS DESIGNED BY SCS (NEW)**

ATTACHMENT 4

PERMIT REVISIONS (MARKED VERSION, REVISED)

**PART III
SITE DEVELOPMENT PLAN NARRATIVE**

FOR

**MAVERICK COUNTY EL INDIO MSW LANDFILL
TCEQ PERMIT NO. MSW 2316**

Prepared for:

Maverick County Solid Waste Authority
16179 FM 1021
El-Indio, Texas 78860

And

Maverick County
500 Quarry Street, Suite 3
Eagle Pass, Texas 78852
830/773-3824



PERMIT ISSUED: SEPTEMBER 11, 2007

REVISIONS 1, 2, & 3 PREPARED BY:

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817/571-2288

Revision 1 – July 2010, October 2010, January 2011

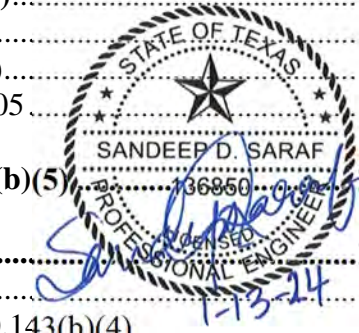
Revision 2 – July 2014

Revision 3 – October 2023 and January 2024

SCS Project Nos. 16209033.00, 16214011.00, & 16220088.00

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The total calculated airspace waste capacity from top of protective cover to bottom of final cover for the proposed facility is approximately ~~13,813,485~~ 15,362,437 cubic yards, which excludes the volume of daily and intermediate cover. This volume is based on a recalculation by utilizing currently approved landfill unit configuration depicting permitted top of protective cover contours and permitted top of waste contours. The total waste volume considering the reduction in volume (20%) for daily and intermediate cover is approximately 12,289,950 cubic yards, as calculated in Table 2, which represents an estimated site life of approximately 73 years.

Table 1 and Table 2 located on the following pages provide the Estimated Rate of Waste Deposition and Operating Life of Site.

**TABLE 1
ESTIMATED RATE OF WASTE DEPOSITION**

Operating Year	Date	Daily Tonnage*	Yearly Tonnage	Yearly Volume (cy)***	Cumulative Volume**
<u>**1</u>	<u>2011</u>	<u>97.5</u>	<u>30,406</u>	<u>60,812</u>	<u>60,812</u>
<u>2</u>	<u>2012</u>	<u>156.0</u>	<u>48,657</u>	<u>97,314</u>	<u>158,126</u>
<u>3</u>	<u>2013</u>	<u>178.6</u>	<u>55,711</u>	<u>111,422</u>	<u>269,548</u>
<u>4</u>	<u>2014</u>	<u>165.1</u>	<u>51,523</u>	<u>103,046</u>	<u>372,594</u>
<u>5</u>	<u>2015</u>	<u>160.8</u>	<u>50,174</u>	<u>100,348</u>	<u>472,942</u>
<u>6</u>	<u>2016</u>	<u>165.9</u>	<u>51,773</u>	<u>103,546</u>	<u>576,488</u>
<u>7</u>	<u>2017</u>	<u>148.5</u>	<u>46,335</u>	<u>92,670</u>	<u>669,158</u>
<u>8</u>	<u>2018</u>	<u>156.9</u>	<u>48,954</u>	<u>97,908</u>	<u>767,066</u>
<u>9</u>	<u>2019</u>	<u>180.4</u>	<u>56,295</u>	<u>112,590</u>	<u>879,656</u>
<u>10</u>	<u>2020</u>	<u>177.4</u>	<u>55,359</u>	<u>110,718</u>	<u>990,374</u>
<u>11</u>	<u>2021</u>	<u>187.3</u>	<u>58,431</u>	<u>116,862</u>	<u>1,107,236</u>
<u>12</u>	<u>2022</u>	<u>189.5</u>	<u>61,933</u>	<u>123,866</u>	<u>1,231,102</u>
<u>13</u>	<u>2023</u>	<u>191.8</u>	<u>62,676</u>	<u>125,352</u>	<u>1,356,454</u>
<u>14</u>	<u>2024</u>	<u>194.1</u>	<u>63,428</u>	<u>126,857</u>	<u>1,483,311</u>
<u>15</u>	<u>2025</u>	<u>196.4</u>	<u>64,189</u>	<u>128,379</u>	<u>1,611,690</u>
<u>16</u>	<u>2026</u>	<u>198.8</u>	<u>64,960</u>	<u>129,919</u>	<u>1,741,609</u>
<u>17</u>	<u>2027</u>	<u>201.2</u>	<u>65,739</u>	<u>131,478</u>	<u>1,873,088</u>
<u>18</u>	<u>2028</u>	<u>203.6</u>	<u>66,528</u>	<u>133,056</u>	<u>2,006,144</u>
<u>19</u>	<u>2029</u>	<u>206.0</u>	<u>67,326</u>	<u>134,653</u>	<u>2,140,797</u>
<u>20</u>	<u>2030</u>	<u>208.5</u>	<u>68,134</u>	<u>136,269</u>	<u>2,277,066</u>
<u>21</u>	<u>2031</u>	<u>211.0</u>	<u>68,952</u>	<u>137,904</u>	<u>2,414,970</u>
<u>22</u>	<u>2032</u>	<u>213.5</u>	<u>69,779</u>	<u>139,559</u>	<u>2,554,528</u>
<u>23</u>	<u>2033</u>	<u>216.1</u>	<u>70,617</u>	<u>141,234</u>	<u>2,695,762</u>
<u>24</u>	<u>2034</u>	<u>218.7</u>	<u>71,464</u>	<u>142,928</u>	<u>2,838,690</u>
<u>25</u>	<u>2035</u>	<u>221.3</u>	<u>72,322</u>	<u>144,643</u>	<u>2,983,334</u>

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Operating Year	Date	Daily Tonnage*	Yearly Tonnage	Yearly Volume (cy)**	Cumulative Volume**
26	2036	224.0	73,190	146,379	3,129,713
27	2037	226.7	74,068	148,136	3,277,849
28	2038	229.4	74,957	149,913	3,427,762
29	2039	232.1	75,856	151,712	3,579,474
30	2040	234.9	76,766	153,533	3,733,007
31	2041	237.7	77,688	155,375	3,888,382
32	2042	240.6	78,620	157,240	4,045,622
33	2043	243.5	79,563	159,127	4,204,749
34	2044	246.4	80,518	161,036	4,365,785
35	2045	249.4	81,484	162,969	4,528,754
36	2046	252.3	82,462	164,924	4,693,678
37	2047	255.4	83,452	166,903	4,860,581
38	2048	258.4	84,453	168,906	5,029,487
39	2049	261.5	85,467	170,933	5,200,420
40	2050	264.7	86,492	172,984	5,373,404
41	2051	267.9	87,530	175,060	5,548,464
42	2052	271.1	88,580	177,161	5,725,625
43	2053	274.3	89,643	179,287	5,904,912
44	2054	277.6	90,719	181,438	6,086,350
45	2055	280.9	91,808	183,615	6,269,965
46	2056	284.3	92,909	185,819	6,455,784
47	2057	287.7	94,024	188,049	6,643,833
48	2058	291.2	95,153	190,305	6,834,138
49	2059	294.7	96,294	192,589	7,026,727
50	2060	298.2	97,450	194,900	7,221,627
51	2061	301.8	98,619	197,239	7,418,865
52	2062	305.4	99,803	199,606	7,618,471
53	2063	309.1	101,000	202,001	7,820,472
54	2064	312.8	102,212	204,425	8,024,896
55	2065	316.5	103,439	206,878	8,231,774
56	2066	320.3	104,680	209,360	8,441,135
57	2067	324.2	105,936	211,873	8,653,008
58	2068	328.1	107,208	214,415	8,867,423
59	2069	332.0	108,494	216,988	9,084,411
60	2070	336.0	109,796	219,592	9,304,003
61	2071	340.0	111,114	222,227	9,526,230
62	2072	344.1	112,447	224,894	9,751,124
63	2073	348.2	113,796	227,593	9,978,717
64	2074	352.4	115,162	230,324	10,209,041
65	2075	356.6	116,544	233,088	10,442,128

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Operating Year	Date	Daily Tonnage*	Yearly Tonnage	Yearly Volume (cy)**	Cumulative Volume**
66	2076	360.9	117,942	235,885	10,678,013
67	2077	365.3	119,358	238,715	10,916,728
68	2078	369.6	120,790	241,580	11,158,308
69	2079	374.1	122,239	244,479	11,402,787
70	2080	378.6	123,706	247,413	11,650,200
71	2081	383.1	125,191	250,382	11,900,581
72	2082	387.7	126,693	253,386	12,153,968
73	2083	392.4	128,213	256,427	12,410,394

Notes for Table 1:

*Daily tonnage for years 2011-2022 is based on actual tonnage received at the landfill. Following 2022, the daily/yearly waste collection rates account for 1.2% anticipated annual growth rate. Anticipated annual growth rate based on previous ten years of growth from U.S. Census data.

*** Yearly volume of waste in CY is based on an estimate in-place density of 1,000 lb/cy.

**** Total available solid waste volume calculated as ~~9,667,194~~ 12,289,950 CY (See Table 2). Approximate site life is ~~66~~ 73 years.

**TABLE 2
 MAVERICK COUNTY EL INDIO MSWF
 SITE LIFE AND SOIL BALANCE**

ITEM	TOTAL
SITE AIRSPACE	
WASTE AREA (ACRES) ¹	134
WASTE AREA (FT ²)	5,837,040
GROSS VOLUME (CY)	<u>13,813,485</u> 16,875,744
3' FINAL COVER MATERIAL (CY)	<u>864,747</u> 648,560
4' LINER MATERIAL (CY)	864,747
NET LANDFILL VOLUME (CY)	<u>12,083,992</u> 15,362,437
SITE LIFE	
DAILY AND INTERMEDIATE COVER (@20%)(CY)	<u>-2,416,798</u> 3,072,487
NET SOLID WASTE VOLUME (CY)	<u>9,667,194</u> 12,289,950
SITE LIFE (YR.S)	<u>667</u> 3
SOIL BALANCE	
EXCAVATION (CY)	4,045,420
LINER SYSTEM (CY) ³	864,747
DAILY AND INTERMEDIATE COVER (CY)	3,075,829
FINAL COVER SYSTEM (CY)	648,560
SOIL BALANCE (CY)	-543,716

Notes for Table 2:

- 1) Area within waste placement as shown on plans.
- 2) Geocomposite drainage layer in liner system assumed negligible for volume calculations.
- 3) Includes clay and protective cover soil.

**MAVERICK COUNTY – EL INDIO MSW LANDFILL
MAVERICK COUNTY, TEXAS
PERMIT APPLICATION
SITE DEVELOPMENT PLAN PART III, ATTACHMENT 12
FINAL CLOSURE PLAN**

Prepared for:
Maverick County Solid Waste Authority
16179 FM 1021
El-Indio, Texas 78860

And
Maverick County
500 Quarry Street, Suite 3
Eagle Pass, Texas 78852
830/773-3824



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Revision 1 – January 2012
Revision 2 – January 2014
Revision 3 – November 2020
Revision 4 – January 2024

SCS Project Nos. 16208046, 16209033.00, & 16222088.00

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APPENDICES TO PART III, ATTACHMENT 12

Appendix	Title/Description
A	FINAL COVER QUALITY CONTROL PLAN

ATTACHMENTS TO PART III, ATTACHMENT 12

Attachment	Title/Description
12A	FINAL COVER DETAILS



SCS Engineers
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5.4 EROSION PROTECTION LAYER

Proper grading of the erosion protection layer (soil and rock), in accordance with the construction drawings and specifications, shall be implemented to promote positive drainage, and the surface shall be vegetated as specified in Section 4.5 to assist in erosion control.

6.0 CERTIFICATION OF FINAL CLOSURE ACTIVITIES §330.253(e)(6) & (e)(10)

Per §330.457(f)(5), following completion of final closure activities for the facility, a documented certification verifying that final closure activities have been completed in accordance with the approved final closure plan shall be submitted by the permittee to the TCEQ for review and approval. This certification shall be signed by an independent licensed (in the state of Texas) professional engineer, and shall include all applicable documentation necessary for the certification. Once approved, this certification shall be placed in the Operating Record. Per §330.457(f)(6), following receipt of the required final closure documents, and an inspection report from the commission's district office verifying proper closure of the MSWLF according to the approved final closure plan, the executive director may acknowledge the termination of operation and closure of the facility and deem it properly closed. Post-closure will commence immediately upon the date final closure is approved by the executive director of TCEQ in accordance with §330.463.

7.0 MAXIMUM CLOSURE AREA AND MAXIMUM WASTE VOLUME §330.457(e)(2) & (3)

The largest facility area requiring final cover at any time during the life of the facility will be no larger than 24.8 acres, which is representative of the initial cell (Cell 1), Cell 2, and Cell 3, all of which have been constructed at the landfill. The maximum waste volume present onsite over the life of the MSWLF will be ~~13,827,045~~15,362,437 cubic yards. This volume represents the waste airspace capacity and includes daily, and intermediate cover soils.

8.0 FINAL CLOSURE COST ESTIMATE OF MAXIMUM CLOSURE AREA §330.503

As required by 30 TAC §330.503(a), a detailed written estimate, in current dollars, of the cost to hire a third party to properly close the facility. An itemized cost estimate is presented as **Attachment 8** of **Part III** of the permit application. The cost estimate is based on the cost of closing the largest waste fill area that could potentially be open in the year to follow and those areas that have not received final cover in accordance with this final closure plan. It is anticipated that a maximum area of 24.8 acres will require final closure at any one time.

The cost estimate and the amount of financial assurance will be adjusted annually to reflect the largest area anticipated to require final closure in the upcoming year and inflation in accordance with 30 TAC Chapter 37, Subchapter R. The revised closure cost estimate will be submitted to the TCEQ within 60 days prior to the anniversary date of the establishment of the financial instrument(s). Evidence of additional financial assurance will be submitted to TCEQ within 30 days of the annual anniversary date.

ATTACHMENT 5

PERMIT REVISIONS (UNMARKED VERSION, REVISED)

**PART III
SITE DEVELOPMENT PLAN NARRATIVE**

FOR

**MAVERICK COUNTY EL INDIO MSW LANDFILL
TCEQ PERMIT NO. MSW 2316**

Prepared for:

Maverick County Solid Waste Authority
16179 FM 1021
El-Indio, Texas 78860

And

Maverick County
500 Quarry Street, Suite 3
Eagle Pass, Texas 78852
830/773-3824



PERMIT ISSUED: SEPTEMBER 11, 2007

REVISIONS 1, 2, & 3 PREPARED BY:

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Revision 1 – July 2010, October 2010, January 2011

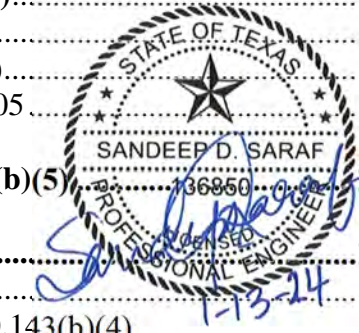
Revision 2 – July 2014

Revision 3 – October 2023 and January 2024

SCS Project Nos. 16209033.00, 16214011.00, & 16220088.00

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SCS Engineers
TBPE Reg. # F-3407

The total calculated waste capacity from top of protective cover to bottom of final cover for the proposed facility is approximately 15,362,437 cubic yards, which excludes the volume of daily and intermediate cover. This volume is based on a recalculation by utilizing currently approved landfill unit configuration depicting permitted top of protective cover contours and permitted top of waste contours. The total waste volume considering the reduction in volume (20%) for daily and intermediate cover is approximately 12,289,950 cubic yards, as calculated in Table 2, which represents an estimated site life of approximately 73 years.

Table 1 and Table 2 located on the following pages provide the Estimated Rate of Waste Deposition and Operating Life of Site.

**TABLE 1
ESTIMATED RATE OF WASTE DEPOSITION**

Operating Year	Date	Daily Tonnage*	Yearly Tonnage	Yearly Volume (cy)**	Cumulative Volume**
**1	2011	97.5	30,406	60,812	60,812
2	2012	156.0	48,657	97,314	158,126
3	2013	178.6	55,711	111,422	269,548
4	2014	165.1	51,523	103,046	372,594
5	2015	160.8	50,174	100,348	472,942
6	2016	165.9	51,773	103,546	576,488
7	2017	148.5	46,335	92,670	669,158
8	2018	156.9	48,954	97,908	767,066
9	2019	180.4	56,295	112,590	879,656
10	2020	177.4	55,359	110,718	990,374
11	2021	187.3	58,431	116,862	1,107,236
12	2022	189.5	61,933	123,866	1,231,102
13	2023	191.8	62,676	125,352	1,356,454
14	2024	194.1	63,428	126,857	1,483,311
15	2025	196.4	64,189	128,379	1,611,690
16	2026	198.8	64,960	129,919	1,741,609
17	2027	201.2	65,739	131,478	1,873,088
18	2028	203.6	66,528	133,056	2,006,144
19	2029	206.0	67,326	134,653	2,140,797
20	2030	208.5	68,134	136,269	2,277,066
21	2031	211.0	68,952	137,904	2,414,970
22	2032	213.5	69,779	139,559	2,554,528
23	2033	216.1	70,617	141,234	2,695,762
24	2034	218.7	71,464	142,928	2,838,690
25	2035	221.3	72,322	144,643	2,983,334

FOR PERMIT PURPOSES ONLY

Operating Year	Date	Daily Tonnage*	Yearly Tonnage	Yearly Volume (cy)**	Cumulative Volume**
26	2036	224.0	73,190	146,379	3,129,713
27	2037	226.7	74,068	148,136	3,277,849
28	2038	229.4	74,957	149,913	3,427,762
29	2039	232.1	75,856	151,712	3,579,474
30	2040	234.9	76,766	153,533	3,733,007
31	2041	237.7	77,688	155,375	3,888,382
32	2042	240.6	78,620	157,240	4,045,622
33	2043	243.5	79,563	159,127	4,204,749
34	2044	246.4	80,518	161,036	4,365,785
35	2045	249.4	81,484	162,969	4,528,754
36	2046	252.3	82,462	164,924	4,693,678
37	2047	255.4	83,452	166,903	4,860,581
38	2048	258.4	84,453	168,906	5,029,487
39	2049	261.5	85,467	170,933	5,200,420
40	2050	264.7	86,492	172,984	5,373,404
41	2051	267.9	87,530	175,060	5,548,464
42	2052	271.1	88,580	177,161	5,725,625
43	2053	274.3	89,643	179,287	5,904,912
44	2054	277.6	90,719	181,438	6,086,350
45	2055	280.9	91,808	183,615	6,269,965
46	2056	284.3	92,909	185,819	6,455,784
47	2057	287.7	94,024	188,049	6,643,833
48	2058	291.2	95,153	190,305	6,834,138
49	2059	294.7	96,294	192,589	7,026,727
50	2060	298.2	97,450	194,900	7,221,627
51	2061	301.8	98,619	197,239	7,418,865
52	2062	305.4	99,803	199,606	7,618,471
53	2063	309.1	101,000	202,001	7,820,472
54	2064	312.8	102,212	204,425	8,024,896
55	2065	316.5	103,439	206,878	8,231,774
56	2066	320.3	104,680	209,360	8,441,135
57	2067	324.2	105,936	211,873	8,653,008
58	2068	328.1	107,208	214,415	8,867,423
59	2069	332.0	108,494	216,988	9,084,411
60	2070	336.0	109,796	219,592	9,304,003
61	2071	340.0	111,114	222,227	9,526,230
62	2072	344.1	112,447	224,894	9,751,124
63	2073	348.2	113,796	227,593	9,978,717
64	2074	352.4	115,162	230,324	10,209,041
65	2075	356.6	116,544	233,088	10,442,128

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Operating Year	Date	Daily Tonnage*	Yearly Tonnage	Yearly Volume (cy)**	Cumulative Volume**
66	2076	360.9	117,942	235,885	10,678,013
67	2077	365.3	119,358	238,715	10,916,728
68	2078	369.6	120,790	241,580	11,158,308
69	2079	374.1	122,239	244,479	11,402,787
70	2080	378.6	123,706	247,413	11,650,200
71	2081	383.1	125,191	250,382	11,900,581
72	2082	387.7	126,693	253,386	12,153,968
73	2083	392.4	128,213	256,427	12,410,394

Notes for Table 1:

*Daily tonnage for years 2011-2022 is based on actual tonnage received at the landfill. Following 2022, the daily/yearly waste collection rates account for 1.2% anticipated annual growth rate. Anticipated annual growth rate based on previous ten years of growth from U.S. Census data.

*** Yearly volume of waste in CY is based on an estimate in-place density of 1,000 lb/cy.

**** Total available solid waste volume calculated as 12,289,950 CY (See Table 2). Approximate site life is 73 years.

**TABLE 2
MAVERICK COUNTY EL INDIO MSWF
SITE LIFE AND SOIL BALANCE**

ITEM	TOTAL
SITE AIRSPACE	
WASTE AREA (ACRES) ¹	134
WASTE AREA (FT ²)	5,837,040
GROSS VOLUME (CY)	16,875,744
3' FINAL COVER MATERIAL (CY)	648,560
4' LINER MATERIAL (CY)	864,747
NET LANDFILL VOLUME (CY)	15,362,437
SITE LIFE	
DAILY AND INTERMEDIATE COVER (@20%)(CY)	3,072,487
NET SOLID WASTE VOLUME (CY)	12,289,950
SITE LIFE (YRS)	73
SOIL BALANCE	
EXCAVATION (CY)	4,045,420
LINER SYSTEM (CY) ³	864,747
DAILY AND INTERMEDIATE COVER (CY)	3,075,829
FINAL COVER SYSTEM (CY)	648,560
SOIL BALANCE (CY)	-543,716

Notes for Table 2:

- 1) Area within waste placement as shown on plans.
- 2) Geocomposite drainage layer in liner system assumed negligible for volume calculations.
- 3) Includes clay and protective cover soil.

**MAVERICK COUNTY – EL INDIO MSW LANDFILL
MAVERICK COUNTY, TEXAS
PERMIT APPLICATION
SITE DEVELOPMENT PLAN PART III, ATTACHMENT 12
FINAL CLOSURE PLAN**

Prepared for:
Maverick County Solid Waste Authority
16179 FM 1021
El-Indio, Texas 78860

And
Maverick County
500 Quarry Street, Suite 3
Eagle Pass, Texas 78852
830/773-3824



PERMIT ISSUED: SEPTEMBER 11, 2007

PERMIT MODIFICATION (REVISIONS 1, 2, 3, and 4) PREPARED BY:

SCS ENGINEERS
Texas Board of Professional Engineers Registration No. F-3407
1901 CENTRAL DR., SUITE 550
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Revision 1 – January 2012
Revision 2 – January 2014
Revision 3 – November 2020
Revision 4 – January 2024

SCS Project Nos. 16208046, 16209033.00, & 16222088.00

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Appendix	Title/Description
A	FINAL COVER QUALITY CONTROL PLAN

ATTACHMENTS TO PART III, ATTACHMENT 12

Attachment	Title/Description
12A	FINAL COVER DETAILS



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5.4 EROSION PROTECTION LAYER

Proper grading of the erosion protection layer (soil and rock), in accordance with the construction drawings and specifications, shall be implemented to promote positive drainage, and the surface shall be vegetated as specified in Section 4.5 to assist in erosion control.

6.0 CERTIFICATION OF FINAL CLOSURE ACTIVITIES §330.253(e)(6) & (e)(10)

Per §330.457(f)(5), following completion of final closure activities for the facility, a documented certification verifying that final closure activities have been completed in accordance with the approved final closure plan shall be submitted by the permittee to the TCEQ for review and approval. This certification shall be signed by an independent licensed (in the state of Texas) professional engineer, and shall include all applicable documentation necessary for the certification. Once approved, this certification shall be placed in the Operating Record. Per §330.457(f)(6), following receipt of the required final closure documents, and an inspection report from the commission's district office verifying proper closure of the MSWLF according to the approved final closure plan, the executive director may acknowledge the termination of operation and closure of the facility and deem it properly closed. Post-closure will commence immediately upon the date final closure is approved by the executive director of TCEQ in accordance with §330.463.

7.0 MAXIMUM CLOSURE AREA AND MAXIMUM WASTE VOLUME §330.457(e)(2) & (3)

The largest facility area requiring final cover at any time during the life of the facility will be no larger than 24.8 acres, which is representative of the initial cell (Cell 1), Cell 2, and Cell 3, all of which have been constructed at the landfill. The maximum waste volume present onsite over the life of the MSWLF will be 15,362,437 cubic yards. This volume represents the waste airspace capacity and includes daily, and intermediate cover soils.

8.0 FINAL CLOSURE COST ESTIMATE OF MAXIMUM CLOSURE AREA §330.503

As required by 30 TAC §330.503(a), a detailed written estimate, in current dollars, of the cost to hire a third party to properly close the facility. An itemized cost estimate is presented as **Attachment 8** of **Part III** of the permit application. The cost estimate is based on the cost of closing the largest waste fill area that could potentially be open in the year to follow and those areas that have not received final cover in accordance with this final closure plan. It is anticipated that a maximum area of 24.8 acres will require final closure at any one time.

The cost estimate and the amount of financial assurance will be adjusted annually to reflect the largest area anticipated to require final closure in the upcoming year and inflation in accordance with 30 TAC Chapter 37, Subchapter R. The revised closure cost estimate will be submitted to the TCEQ within 60 days prior to the anniversary date of the establishment of the financial instrument(s). Evidence of additional financial assurance will be submitted to TCEQ within 30 days of the annual anniversary date.

ATTACHMENT 6

TCEQ-FORM 20947 PLAIN LANGUAGE SUMMARY IN ENGLISH AND SPANISH (REVISED)



Texas Commission on Environmental Quality Plain Language Summary of Municipal Solid Waste Permit or Permit Amendment Application

Applicants are required by public notice rules in Title 30 Texas Administrative Code, Chapter 39, Section [39.405\(k\)](#)¹ to provide this summary of an application.

A. Purpose of the Proposed Facility

El Indio Landfill is an existing MSW facility with TCEQ MSW Permit Number 2316.

B. Information About the Applicant

Name:

Applicant Type:

Facility Name:

Permit Application Number:

Customer Number (CN):

Regulated Entity Reference Number (RN):

C. Location of the Proposed Facility

Facility Address (or description of site location if no address):

E. of and adjacent to Farm to Market Road (FM) 1021, approximately 1.5 miles N. of the intersection of FM1021 and FM 2366, approximately 16 miles S. of Eagle Pass, TX.

Link to Map of Facility Location ([TCEQ Location Mapper](#)²):

D. Information about Facility Operation

What types of waste would be received?

Municipal solid waste, construction and demolition waste as defined in 30 TAC §330.3. Additionally, the facility is also permitted to dispose of Class 2 and Class 3 industrial solid waste in accordance with 30 TAC §330.137 and special waste, in accordance with 30 TAC §330.136.

What geographical area would the wastes come from?

Region 16 - Laredo

¹ www.tceq.texas.gov/goto/view-30tac

² www.tceq.texas.gov/gis/hb-610-viewer

What days and hours would the facility operate?

7 am - 7 pm, Monday through Sunday, per Section 4.3 (Hours of Operation) of the Site Operating Plan (SOP).

At what rate would wastes be accepted?

1,500 tons per day

How would wastes be managed?

The facility follows a load inspection procedure at the scale house and at the working face to prevent disposal of unauthorized waste at the landfill, per Section 4.2 (Unloading Waste) of the SOP.

E. Pollution Control Methods

What methods would the facility use for containing wastes and odors, and monitoring for releases?

Wastes will be contained within the composite lined disposal area consistent with the liner design requirements of §330.331 and covered with at least 6 inches of soil on a daily basis for active areas and 12 inches of soil cover (intermediate cover) for areas inactive for longer than 180 days. Final cover will be placed once landfill final grades are reached that is designed in accordance with §330.457. Odor management will be performed by routine placement and maintenance of daily and intermediate cover. Monitoring for potential releases from the landfill will be performed by installation and monitoring of groundwater monitoring wells and landfill gas monitoring probes in accordance with Attachments 6 and 14, respectively.

What methods would the facility use or require for preventing litter or spills, and for cleanup of litter and spills?

The facility will inspect the site and collect windblown litter on a daily basis in accordance with Section 4.5 of the SOP and waste spilled en route to the site on a daily basis within 2 miles of the site entrance in accordance with Section 4.8 of the SOP.



Comisión de Calidad Ambiental de Texas

Resumen en lenguaje sencillo de la solicitud de permiso municipal de residuos sólidos o de modificación del permiso

Los solicitantes están obligados por las normas de notificación pública del Título 30 del Código Administrativo de Texas, Capítulo 39, Sección [39.405\(k\)](#)¹ a proporcionar este resumen de una solicitud.

A. Objetivo de la instalación propuesta

El Indio Vertedero es una facilidad existente MSW con TCEQ MSW Permiso Numero 2316.

B. Información sobre el solicitante

Nombre:

Tipo de solicitante:

Nombre de la instalación:

Número de solicitud de permiso:

Número de cliente (CN):

Número de referencia de la entidad regulada (RN):

C. Ubicación de la instalación propuesta

Dirección del establecimiento (o descripción de la ubicación del sitio si no hay dirección):

E. de y adyacente a Farm to Market Road (FM) 1021, aproximadamente 1,5 millas al N. de la intersección de FM1021 y FM 2366, aproximadamente a 16 millas al sur de Eagle Pass, TX.

Enlace al mapa de ubicación de las instalaciones en [TCEQ Location Mapper](#)²:

D. Información sobre el funcionamiento de las instalaciones

¿Qué tipos de residuos se recibirían?

Residuos sólidos municipales, residuos de construcción y demolición según se define en 30 TAC §330.3. Además, a la instalación también se le permite eliminar desechos sólidos industriales Clase 2 y Clase 3 de acuerdo con 30 TAC §330.137 y desechos especiales, de acuerdo con 30 TAC §330.136.

¿De qué zona geográfica procederían los residuos?

¹ www.tceq.texas.gov/goto/view-30tac

² www.tceq.texas.gov/gis/hb-610-viewer

¿Qué días y horas funcionará la instalación?

7 am - 7 pm, de lunes a domingo, según la Sección 4.3 (Horas de operación) del Plan operativo del sitio (SOP).

¿A qué ritmo se aceptarían los residuos?

1.500 toneladas por día

¿Cómo se gestionarían los residuos?

La instalación sigue un procedimiento de inspección de carga en la casa de báscula y en las áreas activas para evitar la eliminación de desechos no autorizados en el vertedero, según la Sección 4.2 (Descarga de desechos) del POE.

E. Métodos de control de la contaminación

¿Qué métodos utilizará la instalación para contener los residuos y los olores, y para controlar las emisiones?

Los desechos estarán contenidos dentro del área de eliminación con revestimiento compuesto de acuerdo con los requisitos de diseño del revestimiento de §330.331 y se cubrirán con al menos 6 pulgadas de tierra diariamente para áreas activas y 12 pulgadas de cobertura de suelo (cobertura intermedia) para áreas inactivas por más tiempo. de 180 días. La cobertura final se colocará una vez que se alcancen las calificaciones finales del vertedero diseñadas de acuerdo con §330.457. La gestión de olores se realizará mediante la colocación y mantenimiento rutinario de coberturas diarias e intermedias. El monitoreo de posibles emisiones del vertedero se realizará mediante la instalación y el monitoreo de pozos de monitoreo de aguas subter

¿Qué métodos utilizaría o exigiría la instalación para evitar la basura o los derrames, y para la limpieza de la basura y los derrames?

La instalación inspeccionará el sitio y recolectará la basura arrastrada por el viento diariamente de acuerdo con la Sección 4.5 del SOP y los desechos derramados en el camino al sitio diariamente dentro de 2 millas de la entrada del sitio de acuerdo con la Sección 4.8 del SOP.

ATTACHMENT 8

TCEQ-10400 CORE DATA FORM (NEW)



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input checked="" type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN		RN 104154240

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)				
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>				
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)			<i>If new Customer, enter previous Customer below:</i>	
Maverick County Solid Waste Authority				
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits) 74-6000-702	10. DUNS Number (if applicable)
11. Type of Customer:		<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees			13. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher			<input type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following				
<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant				
15. Mailing Address:	500 Quarry Street, Suite 3			
	City	Eagle Pass	State	TX
		ZIP	78852	ZIP + 4
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)

SECTION III: Regulated Entity Information

21. General Regulated Entity Information <i>(If 'New Regulated Entity' is selected, a new permit application is also required.)</i>							
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information							
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>							
22. Regulated Entity Name <i>(Enter name of the site where the regulated action is taking place.)</i>							
Maverick County El Indio MSW Landfill							
23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>	16179 FM 1021						
	City	El Indio	State	TX	ZIP	78860	ZIP + 4
24. County	Maverick						

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	E. of and adjacent to Farm to Market Road (FM) 1021, approximately 1.5 miles N. of the intersection of FM1021 and FM 2366, approximately 16 miles S. of Eagle Pass, TX.							
26. Nearest City					State	Nearest ZIP Code		
Eagle Pass					TX	78852		
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:			28. Longitude (W) In Decimal:					
Degrees	Minutes		Seconds		Degrees	Minutes		Seconds
28	32		30		100	19		23
29. Primary SIC Code	30. Secondary SIC Code		31. Primary NAICS Code		32. Secondary NAICS Code			
(4 digits)	(4 digits)		(5 or 6 digits)		(5 or 6 digits)			
4953			562212		562211			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>								
Municipal Solid Waste Disposal Landfill								
34. Mailing Address:	500 Quarry Street, Suite 3							
	City	Eagle Pass	State	TX	ZIP	78852	ZIP + 4	
35. E-Mail Address:	mikecastillocdt@gmail.com							
36. Telephone Number	37. Extension or Code			38. Fax Number <i>(if applicable)</i>				
(830) 757-8191				() -				

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

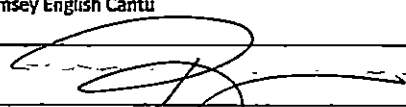
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review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

SECTION IV: Preparer Information

40. Name:	Sandeep Saraf, P.E.	41. Title:	Senior Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(407) 923-7013		() -	ssaraf@scsengineers.com

SECTION V: Authorized Signature

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

Company:	Maverick County	Job Title:	Judge
Name (In Print):	Ramsey English Cantu	Phone:	(830) 773-3824
Signature:		Date:	1-12-24