



Texas Commission on Environmental Quality Waste Permits Division Correspondence Cover Sheet

Date: February 29, 2024

Facility Name: Town of Van Horn Landfill

Permit or Registration No.: 693A

Nature of Correspondence:

Initial/New

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

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

Table 1 - Municipal Solid Waste Correspondence

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

Table 2 - Industrial & Hazardous Waste Correspondence

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



February 29, 2024

Ms. Megan Henson
Municipal Solid Waste Permits Section (MC 124)
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Re: Permit Modification with Notice
Modification to Increase Waste Acceptance Rate
Town of Van Horn Landfill – Type I Arid Exempt Landfill
MSW Permit No. MSW-693A
Culberson County, Texas
CEC Project 324-229

Dear Ms. Henson:

Per Title 30 Texas Administrative Code (TAC)§330.125(h) and §305.70(l) (previously §305.70(k)), a permit modification is required to revise the waste acceptance rate for the Town of Van Horn Landfill (TVHL), a Type I Arid Exempt landfill (Type I AE landfill). It is our understanding that this permit modification requires public notice.

The waste acceptance rate for reporting years 2022 and 2023 exceeds the rate in the landfill permit, and the waste increase is not due to a temporary occurrence. The daily tonnage rate in the permit is approximately 8.4 tons per day, and the proposed waste acceptance rate is 19 tons per day. Per Title 30 TAC §330.5(b)(1)(a), the proposed waste acceptance rate is less than 20 tons per day based on an annual average of authorized waste in a Type IAE landfill unit. A scale to weigh the incoming MSW has recently been installed outside the landfill permit boundary on property owned by the Town of Van Horn; therefore, future MSW waste reports will be based solely on tonnage.

One original and three copies of the submittal are provided for your use and distribution. A Core Data Form and TCEQ Form 20650, Application Form for Municipal Solid Waste Permit or Registration Modification or Temporary Authorization, which includes the applicant's signature page (page 5), is included with the application. In accordance with Title 30 TAC §330.59(h)(1), a \$150 application fee has been submitted to the TCEQ, as documented on page 1 of the form.

Please contact me or Gary Horwitch at [REDACTED] if you have any questions or need additional information.

Town of Van Horn Permit Modification
CEC Project 324-229
Page 2
February 29, 2024

Sincerely,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.



Janet Meaux, P.G.
Senior Project Manager
Texas P.G. No. 1462



Gary R. Horwitch, P.E.
Senior Consultant
Texas P.E. No. 48456

Attachments: MSW Permit Modification (1 original and 3 copies)

cc: Mark Cabezuela, City Secretary, Town of Van Horn



Texas Commission on Environmental Quality

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

Application Tracking Information

Facility Name: Town of Van Horn Landfill
Permittee or Registrant Name: Town of Van Horn
MSW Authorization Number: 693A
Initial Submission Date: February 29, 2024
Revision Date: _____

Instructions for completing this form are provided in [form TCEQ-20650-instr¹](#). If you have questions, contact the Municipal Solid Waste Permits Section by email to mwper@tceq.texas.gov, or by phone at 512-239-2335.

Application Data

1. Submission Type
<input checked="" type="checkbox"/> Initial Submission <input type="checkbox"/> Notice of Deficiency (NOD) Response
2. Authorization Type
<input checked="" type="checkbox"/> Permit <input type="checkbox"/> Registration
3. Application Type
<input checked="" type="checkbox"/> Modification with Public Notice <input type="checkbox"/> Modification without Public Notice
<input type="checkbox"/> Temporary Authorization (TA) <input type="checkbox"/> Modification for Name Change or Transfer
4. Application Fee
Amount The application fee for a modification or temporary authorization is \$150.
Payment Method
<input checked="" type="checkbox"/> Check
<input type="checkbox"/> Online through ePay portal www3.tceq.texas.gov/epay/
If paid online, enter ePay Trace Number: _____

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

5. Application URL

For modifications that require notice (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:

6. Party Responsible for Mailing Notice

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

Applicant Agent in Service Consultant

Contact Name: Mark Cabezuela

Title: City Secretary

Email Address: [REDACTED]

7. Confidential Documents

Does the application contain confidential documents?

Yes No

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

8. Facility General Information

Facility Name: Town of Van Horn Landfill

Contact Name: Mark Cabezuela Title: City Secretary

MSW Authorization Number (if existing): 69 3A

Regulated Entity Reference Number: **RN** 102143500

Physical or Street Address: App. 1 mile southeast of the I-10 and Hwy 90 intersection

City: Van Horn County: Culberson State: TX Zip Code: 79855

Phone Number: 432-283-2020

Latitude (Degrees, Minutes, Seconds): N 31' 40"

Longitude (Degrees, Minutes, Seconds): W 104° 49' 12"

9. Facility Types

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

10. Description of the Revisions to the Facility

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

The facility is modifying the permit to increase the waste rate acceptance from 8.4 tons per day to 19 tons per day, under 30 TAC 330.125(h), which references the permit modification provision 305.70 (k), which became 305.70(l) during the recent rule revisions. It is anticipated that this permit modification requires public notice.

11. Facility Contact Information

Site Operator (Permittee or Registrant)

Name: Town of Van Horn

Customer Reference Number: **CN** 600501365

Contact Name: Mark Cabezuela Title: City Secretary

Mailing Address: 1801 West Broadway

City: Van Horn County: Culberson State: TX Zip Code: 79855

Phone Number: (432)283-2050

Email Address: [REDACTED]

Texas Secretary of State (SOS) Filing Number: NA

Operator (if different from Site Operator)

Name: _____

Customer Reference Number: **CN** _____

Contact Name: _____ Title: _____

Mailing Address: _____

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

Phone Number: _____

Email Address: _____

Texas Secretary of State (SOS) Filing Number: _____

Consultant (if applicable)

Firm Name: Civil & Environmental Consultants, Inc
Consultant Name: Janet Meaux, P.G.
Texas Board of Professional Engineers Firm Registration Number: 38
Contact Name: Gary Horwitch, P.E. Title: Senior Consultant
Mailing Address: 16430 Park Ten Place # 275
City: Houston County: Harris State: TX Zip Code: 77094
Phone Number: 346-378-7800
Email Address: [REDACTED]

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

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

12. Ownership Status of the Facility

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

Yes No

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

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

Yes No

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

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

Attachments for Permit or Registration Modification with Public Notice

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

Attachments Table 1. Required attachments.

Required Attachments	Attachment Number
Land Ownership Map	1
Landowners List	2
Marked (Redline/Strikeout) Pages	3
Unmarked Revised Pages	4

Attachments Table 2. Additional attachments as applicable.

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input checked="" type="checkbox"/> TCEQ Core Data Form(s)	5
<input checked="" type="checkbox"/> Signatory Authority Delegation	6
<input checked="" type="checkbox"/> Fee Payment Receipt	7
<input type="checkbox"/> Confidential Documents	

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

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

Attachments Table 3. Required attachments for modifications.

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

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

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

Attachments for Permit or Registration Name Change or Transfer Modification

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

Attachments Table 5. Required attachments.

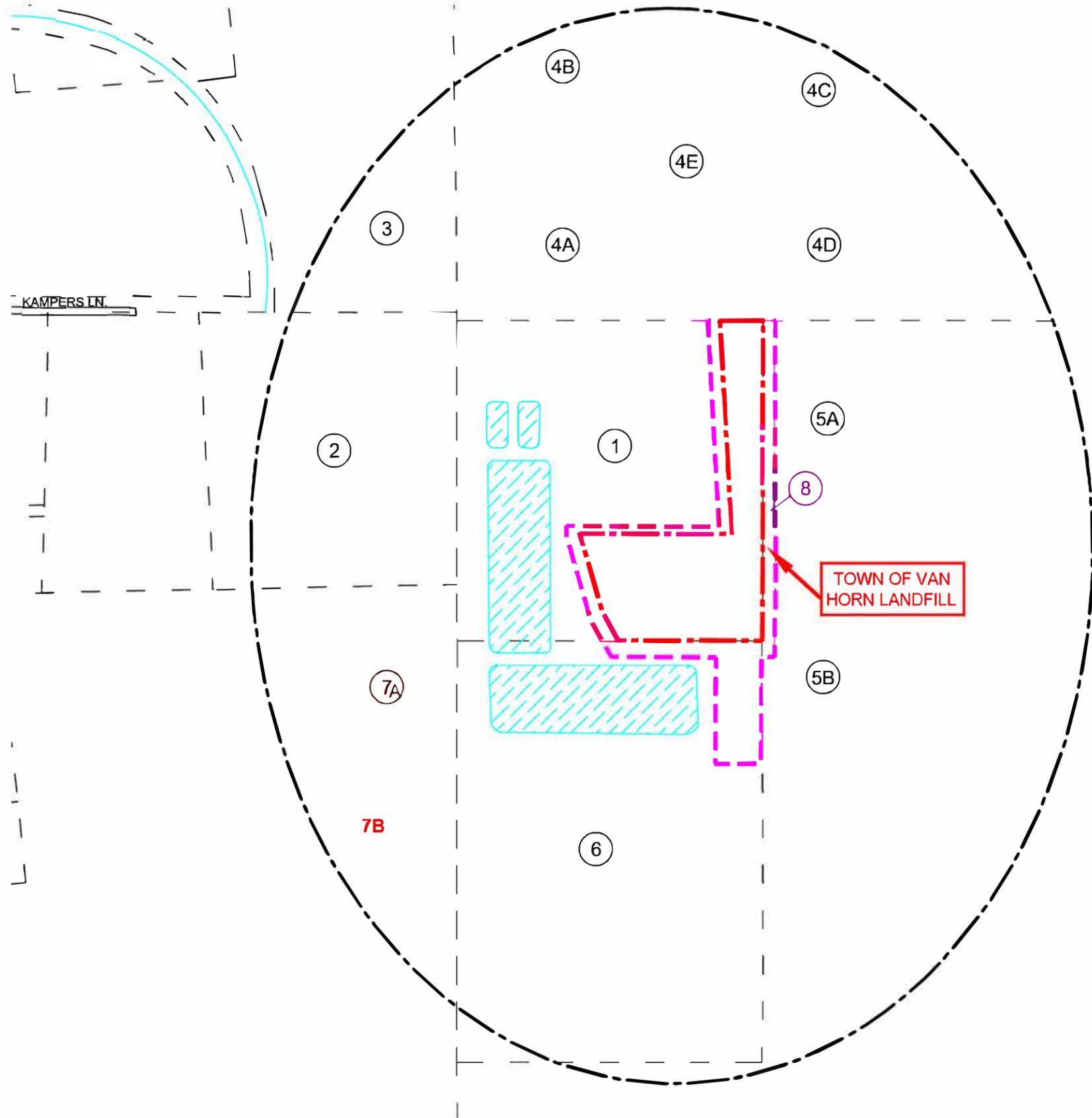
Required Attachments	Attachment Number
TCEQ Core Data Form(s)	
Property Legal Description	
Property Metes and Bounds Description	
Metes and Bounds Drawings	
On-Site Easements Drawing	
Land Ownership Map	
Land Ownership List	
Property Owner Affidavit	
Verification of Legal Status	
Evidence of Competency	

Attachments Table 6. Additional attachments as applicable.

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

ATTACHMENT 1
ADJACENT PROPERTY OWNERS MAP

REDLINE/STRIKEOUT FIGURE
CLEAN FIGURE



LEGEND

- — — — — PARCEL BOUNDARY
- — — — — CURRENT PERMIT BOUNDARY
- — — — — PROPOSED PERMIT BOUNDARY
- — — — — 0.25 MILE RADIUS

- ① TOWN OF VAN HORN
 - ② ALLEN LAWRENCE ESTATE **CULBERSON COUNTY APPRAISAL DISTRICT**
 - ③ COMPTROLLER OF PUBLIC ACCOUNTS **TEXAS PACIFIC RESOURCES LLC**
ATTN: SHARON HERSH
 - ④A PAULA WORLEY MACDONALD **STATE OF TEXAS**
 - ④B BURCHARD MARK D DR
 - ④C DAVID WORLEY **CAPROCK TELECOMMUNICATION CORP**
 - ④D MICHAEL BURCHARD WORLEY
 - ④E CAPROCK TELECOMMUNICATION CORP
 - ⑤A WYLIE VIEW LLC **CRAWFORD & CRAWFORD INC.**
 - ⑤B KOZA 101 RANCH LP
 - ⑥ TOWN OF VAN HORN
 - ⑦A TOWN OF VAN HORN
 - ⑦B LUJAN YOLANDA AGUILAR
 - ⑧ TOWN OF VAN HORN
- Sachin Butala*
06/14/18

TOWN OF VAN HORN LANDFILL



RSB ENVIRONMENTAL
6001 SAVOY DR. STE 110
HOUSTON, TX 77036

Note: Mailing addresses of Mineral Interest Owners other than the Town of Van Horn were not available from online real property appraisal district records of Culberson County.

NOTE: ACREAGE OF PARCELS 1, 6 AND 8 ARE ACREAGE FROM WARRANTY DEEDS OF THESE PARCELS. ACREAGE OF THE OTHER PARCELS ARE ACREAGE FROM CULBERSON COUNTY APPRAISAL DISTRICT WEBSITE

LAND OWNERSHIP MAP

TYPE IAE PERMIT AMENDMENT APPLICATION
PERMIT NO. 693A
TOWN OF VAN HORN LANDFILL
3000 FEET EAST OF US HIGHWAY 90 , 3750 FEET SOUTH OF INTERSTATE HIGHWAY 10
VAN HORN, CULBERSON COUNTY, TEXAS

FIGURE
1.2

DATE: JUN 2018	JOB NO: P.16.08.48	SCALE: AS SHOWN
1 FIRST REVISION	DRAWN BY: FB	
2 SECOND REVISION	CHECKED BY: NR	
3 THIRD REVISION	APPROVED BY: JM	



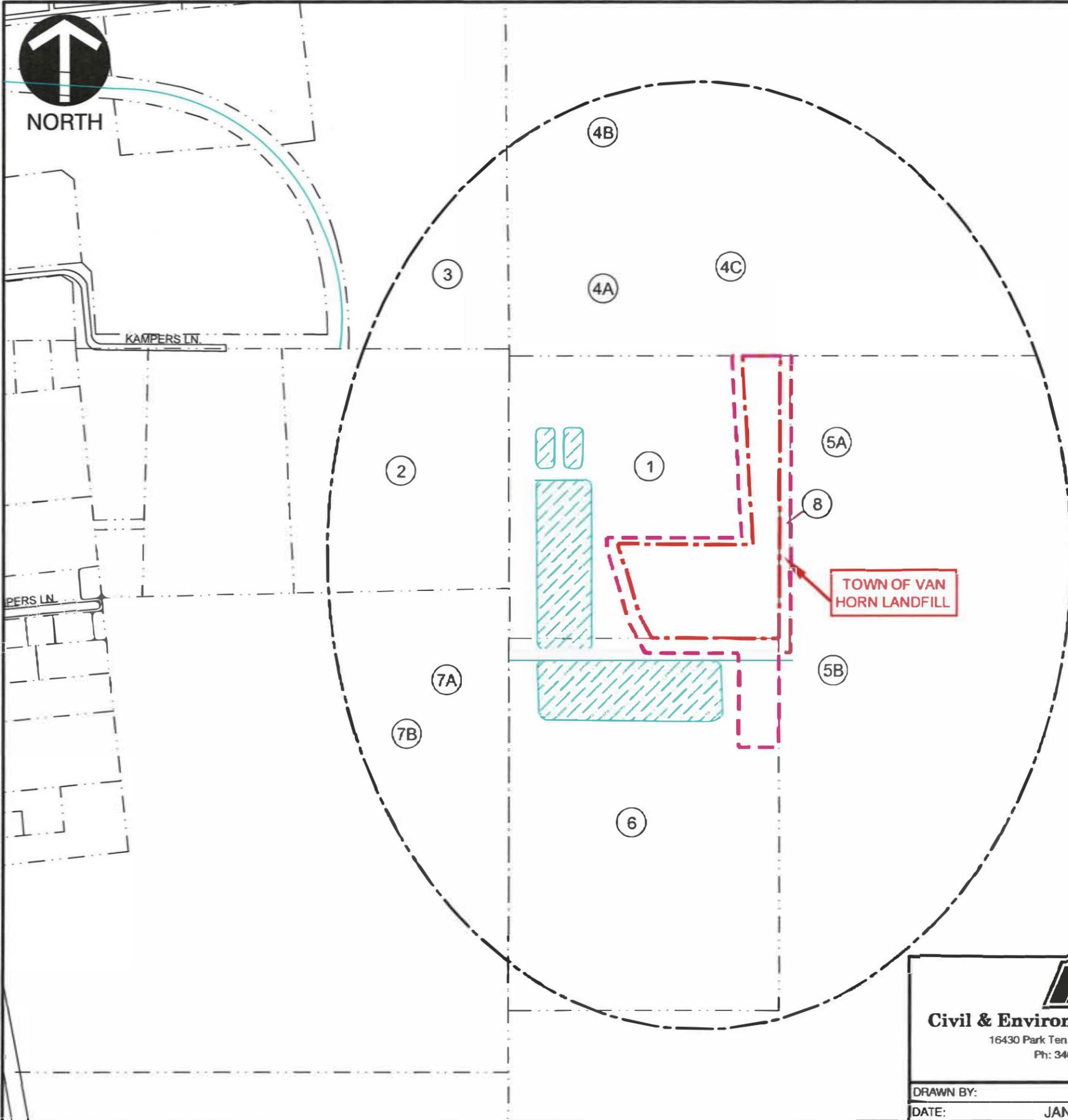
NORTH

LEGEND

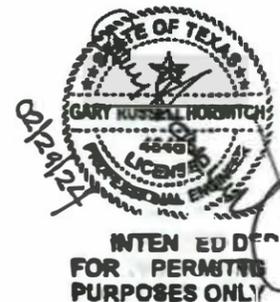
- PARCEL BOUNDARY
- CURRENT PERMIT BOUNDARY
- PROPOSED PERMIT BOUNDARY
- 0.25 MILE RADIUS

- ① TOWN OF VAN HORN
- ② CULBERSON COUNTY APPRAISAL DISTRICT
- ③ TEXAS PACIFIC RESOURCES LLC
- ④A STATE OF TEXAS
- ④B BURCHARD MARK D DR
- ④C CAPROCK TELECOMMUNICATION CORP
- ⑤A CRAWFORD & CRAWFORD INC.
- ⑤B KOZA 101 RANCH LP
- ⑥ TOWN OF VAN HORN
- ⑦A TOWN OF VAN HORN
- ⑦B LUJAN YOLANDA AGUILAR
- ⑧ TOWN OF VAN HORN

P:\320-000\324-229-CADD\DWG\FIG2.dwg[AYOUT1] LS:(1/11/2024 10:37 AM) - LP: 1/11/2024 10:37 AM



TOWN OF VAN HORN LANDFILL



NOTES:

1. ACREAGE OF PARCELS 1, 6 AND 8 ARE ACREAGE FROM WARRANTY DEEDS OF THESE PARCELS. ACREAGE OF THE OTHER PARCELS ARE ACREAGE FROM CULBERSON COUNTY APPRAISAL DISTRICT WEBSITE.
2. MAILING ADDRESSES OF MINERAL INTEREST OWNERS OTHER THAN THE TOWN OF VAN HORN WERE NOT AVAILABLE FROM ONLINE REAL PROPERTY APPRAISAL DISTRICT RECORDS OF CULBERSON COUNTY.

CEC
Civil & Environmental Consultants, Inc.
 16430 Park Ten Pl - Suite 275 - Houston, TX 77084
 Ph: 346.378.7800 · 800.365.2324
 www.cecinc.com

**TOWN OF VAN HORN LANDFILL
 PERMIT MODIFICATION
 PERMIT NO. 693A
 VAN HORN, CULBERSON COUNTY, TEXAS**

PERMIT MODIFICATION

DRAWN BY:	AEP	CHECKED BY:	JRM	APPROVED BY:	GRH	FIGURE NO.:	1.2
DATE:	JAN. 2024	DWG SCALE:	1" = 500'	PROJECT NO.:	324-229		

**ATTACHMENT 2
ADJACENT PROPERTY OWNERS LIST**

**REDLINE STRIKEOUT TABLE
CLEAN TABLE**

TABLE I.1					
LAND OWNERSHIP LIST					
TOWN OF VAN HORN LANDFILL PERMIT AMENDMENT APPLICATION					
MSW PERMIT No. 693A					
VAN HORN, CULBERSON COUNTY, TEXAS					
Map ID	Landowner Name	Mailing Address	City	State	Zip
1	TOWN OF VAN HORN	PO BOX 517	VAN HORN	TX	79855
2	CULBERSON COUNTY APPRAISAL DISTRICT	P.O. BOX 550	VAN HORN	TX	79855
3	TEXAS PACIFIC RESOURCES LLC	1700 PACIFIC AVE., STE 2900	DALLAS	TX	75201
4A	PAULA WORLEY STATE OF TEXAS MACDONALD OF TEXAS	105 OLD CHISHOLM TRAIL NOT LISTED	GEORGETOWN NOT LISTED	TX NOT LISTED	78633 NOT LISTED
4B	BURCHARD MARK D DR	105 OLD CHISHOLM TRAIL	GEORGETOWN	TX	78633
4C	DAVID WORLEY	105 OLD CHISHOLM TRAIL	GEORGETOWN	TX	78633
4D	MICHAEL BURCHARD WORLEY	105 OLD CHISHOLM TRAIL	GEORGETOWN	TX	78633
4E C	CAPROCK TELECOMMUNICATION CORP ATTN: TONY CASTA	500 W OVERLAND PO. BOX 2629	EL PASO ADDISON	TX	79901 75002
5a	WYLIE VIEW LLC CRAWFORD & CRAWFORD INC.	1021 209 W 2ND ST UNIVERSITY DR EAST	COLLEGE STATION FORT WORTH	TX	77845 76102
5b	KOZA 101 RANCH LP	1603 N MAIN	PEARLAND	TX	77581
6	TOWN OF VAN HORN	PO BOX 517	VAN HORN	TX	79855
7A 7B	TOWN OF VAN HORN LUJAN YOLANDA AGUILAR	PO Box 517 PO BOX 145	VAN HORN SIERRA BLANCA	TX TX	79855 79851
8	TOWN OF VAN HORN	PO Box 517	VAN HORN	TX	79855

TABLE I.1					
LAND OWNERSHIP LIST					
TOWN OF VAN HORN LANDFILL PERMIT AMENDMENT APPLICATION					
MSW PERMIT No. 693A					
VAN HORN, CULBERSON COUNTY, TEXAS					
Map ID	Landowner Name	Mailing Address	City	State	Zip
1	TOWN OF VAN HORN	PO BOX 517	VAN HORN	TX	79855
2	CULBERSON COUNTY APPRAISAL DISTRICT	P.O. BOX 550	VAN HORN	TX	79855
3	TEXAS PACIFIC RESOURCES LLC	1700 PACIFIC AVE., STE 2900	DALLAS	TX	75201
4A	STATE OF TEXAS	NOT LISTED	NOT LISTED	NOT LISTED	NOT LISTED
4B	BURCHARD MARK D DR	105 OLD CHISHOLM TRAIL	GEORGETOWN	TX	78633
4C	CAPROCK TELECOMMUNICATION CORP	P.O BOX 2629	ADDISON	TX	75001
5A	CRAWFORD & CRAWFORD INC.	209 W 2 ND STREET	FORT WORTH	TX	76102
5B	KOZA 101 RANCH LP	1603 N MAIN	PEARLAND	TX	77581
6	TOWN OF VAN HORN	PO BOX 517	VAN HORN	TX	79855
7A	TOWN OF VAN HORN	PO Box 517	VAN HORN	TX	79855
7B	LUJAN YOLANDA AGUILAR	P.O. BOX 145	SIERRA BLANCA	TX	79851
8	TOWN OF VAN HORN	PO Box 517	VAN HORN	TX	79855

**ATTACHMENT 3
REVISED PERMIT APPLICATION PAGES
(REDLINE/STRIKEOUT)**

**SUPPLEMENTARY TECHNICAL REPORT
PART I PAGE
PART II PAGE
PART III PAGES**

Supplementary Technical Report - 30 TAC §305.45(a)(8)

The Town of Van Horn Landfill (TVHL), MSW Permit No. 693, is an existing Type I Arid Exempt (Type IAE) landfill which accepted Type I waste below grade from at least 1971 to August 1997. Final cover was applied between June and October 1998, and the TVHL became eligible for post-closure care in November 1998. The TCEQ website indicates the TVHL is currently in post-closure care. **TCEQ issued MSW Permit No. 693A to re-open the TVHL on January 24, 2019.**

Waste currently **formerly** generated from the Town of Van Horn **was** is diverted to the Sierra Blanca Landfill (MSW Permit No. 957A) in Hudspeth County, Texas and the Clint Landfill (MSW Permit No. 1482) in El Paso, Texas. In 2015, considered a typical year for waste disposal by the Town of Van Horn, 8,931 cubic yards of Type I waste was diverted to the Sierra Blanca and Clint Landfills. Tipping fees paid to the two landfills for the 2016-2017 fiscal year exceeded 3 percent of the Town of Van Horn budget for all public services, and the costs for truck maintenance **were** is high due to the mileage accrued by the trucks to transport the waste. Therefore, the Town of Van Horn wishes to re-open the TVHL as there are no practicable and cost-effective waste management alternatives.

The permit amendment will allowed Type I waste to be accepted at a rate of 8.4 tons per day (tpd), based on 237 operating days per year. **However, MSW Waste reports from 2021-2023 indicate 2,800 to 3,562 tons of MSW have been disposed of at the TVHL, and a permit modification to increase the waste acceptance rate to 4,000 tons per year, or 16.9 tons per day, is warranted.** The waste streams will originate from private homes, commercial establishments, municipal and private contractors originating primarily from the Town of Van Horn. The Citizens Collection Station and Low-Volume Transfer Station will remain operational. Large, bulky items will continue to be transported to other TCEQ-approved disposal, and recyclable items will continue to be transported to El Paso, Texas for recycling.

With the issuance of MSW Permit No. 693A, With this permit amendment, all waste will be **is** placed above grade over the existing final cover. The waste footprint will decrease to 9.7 acres. The landfill capacity will increase by approximately 240,000 cubic yards. The landfill permit boundary will increased to 16.8 acres, and will includes a detention basin and a minimum 50-foot buffer zone adjacent to the TVHL waste footprint. Perimeter ditches and landfill gas probes will be located **are** within the buffer zone. All other related features and structures (gatehouse, borrow area, large, bulky items and recyclable material) **are** will be remain outside the landfill permit boundary on property owned by the Town of Van Horn. The peak elevation of the landfill will be approximately 4,021 feet above mean sea level or about 30 feet above the current ground surface. The finished landfill contours will slope at a minimum 2% on top and about 25% at the landfill sidelopes.

Part I

This section includes pertinent information regarding the facility location, property owner, and applicant.

I.1 General – 30 TAC §330.59(a)

The Town of Van Horn Landfill (TVHL) is a closed Type I arid exempt landfill located approximately 3000 feet east of US Highway 90 and 3750 feet south of US Interstate Highway 10 (IH-10) in the extra territorial jurisdiction (ETJ) of Van Horn, Culberson County, Texas at latitude 31°01'40" N and longitude 104°49'08" W. The landfill accepted waste from at least 1971 until August 1997. A permit application was received by the Texas Department of Health Resources in March 1975, and was issued MSW permit No. 693 in December 1976. The site was classified at that time as a 10-acre Type III facility serving the City of Van Horn. On December 28, 1993, the facility was granted arid exempt status and approved as a Type I Arid Exempt (Type IAE) landfill.

The landfill stopped accepting waste in August 1997, and final cover was applied between June and October 1998. The Texas Natural Resource Conservation Commission ([TNRCC], predecessor to the Texas Commission on Environmental Quality [TCEQ]) inspected the landfill for closure on October 8, 1998 and declared it eligible for post-closure care in November 1998. In a letter dated March 9, 2000, the TNRCC certified that post-closure care of the landfill was completed in or prior to January 2000. The TCEQ website indicates the TVHL is in post-closure care. until 2018.

A permit amendment application to re-open the TVHL was submitted in 2018. With the issuance of MSW Permit No. 693A on January 24, 2019, With this permit amendment, the waste footprint will decrease to 9.7 acres and the landfill capacity will increase by approximately 240,000 cubic yards. The landfill permit boundary will increase to 16.8 acres, and will include a detention pond and a minimum 50-foot buffer zone adjacent to the waste footprint boundary. Assuming the landfill is open 237 days per year, and after approval of a 2024 permit modification, the maximum estimated rate of disposal and operating life is approximately 8.4 19 tons per day and 40 18 years, respectively.

I.2 Facility Location – 30 TAC §330.59(b)

The TVHL is located approximately 3,000 feet east of US Highway 90 and 3750 feet south of US Interstate Highway 10 (IH-10) in the extra territorial jurisdiction (ETJ) of Van Horn, Culberson County, Texas. Adjacent to the TVHL are four TCEQ regulated entities with active registrations or permits owned and operated by the Town of Van Horn. The regulated entity name, registration or permit numbers, permit issue date, and facility type are listed in the table below.

Regulated Entity Name	Registration/Permit No.	Permit/Registration Issue Date	Facility Type
Town of Van Horn Old Wastewater Collection Pond	9006A	March 2014	Abandoned and Nuisance Building Landfill (Monofill)
Town of Van Horn Roll Off Area	110040	August 2013	SLV (Low-Volume Transfer Station)
Town of Van Horn Roll Off Area	120097	May 2013	5CC (referred to as Citizens Collection Station in this permit)
Town of Van Horn Wastewater Treatment Plant	WQ0014241001	October 2014	Wastewater Treatment Facility

continued arid exempt status for the TVHL under MSW Permit No. 693 was sent to the TCEQ in April 2017, and was approved in May 2017. The demonstration and TCEQ approval letter are included in **Part III** as **Attachment III.B**. After issuance of MSW Permit No. 693A, the TVHL will accept waste above existing ground surface within the previously permitted waste boundary at rates less than 20 tons per day. Perimeter ditches, buffer zones, and a detention basin will be located outside the waste footprint and within the proposed permit boundary on property owned by the Town of Van Horn.

II.2 Waste Acceptance Plan – 30 TAC §330.61(b)

The TVHL will accept MSW from the Town of Van Horn and Culberson County. MSW from Hudspeth and Jeff Davis Counties may be accepted in an emergency situation; however, the total MSW accepted at the TVHL will not exceed 20 tons per day. The **initial** average acceptance rate for the TVHL for **Permit No. 693A**, based on the population equivalent method is was approximately 8.4 tons per day (based on 237 operating days) for an annual maximum acceptance rate of 2,000 tons per year. **However, MSW Waste reports from 2021-2023 indicate 2,800 to 3,562 tons of MSW have been disposed of at the TVHL, and a permit modification to increase the waste acceptance rate to 4,500 tons per year, or 19 tons per day, is warranted.** This is the maximum annual projected waste acceptance rate for five years, as the Town of Van Horn population is approximately 2,000 and is not anticipated to increase. A further explanation and calculation of the estimated rate of disposal and operating life is included in **Part III, Section III.4.3**.

Waste accepted at the TVHL will be limited to MSW from residential, municipal, and commercial sources.

The following wastes are prohibited from disposal within the TVHL:

- lead-acid storage batteries;
- do-it-yourself used motor-vehicle oil;
- used oil filters from internal combustion engines;
- whole used or scrap tires;
- refrigerators, freezers, air conditioners, and any other items containing any chlorinated fluorocarbons;
- liquid waste [except as allowed in 30 TAC 330.15(e)(6)];
- regulated hazardous waste;
- polychlorinated biphenyl (PCB) wastes (30 TAC 330.3); and
- radioactive materials.

The TVHL will not knowingly accept and will not intentionally dispose of do-it-yourself used motor-vehicle oil and used oil filters. However, incidental amounts may be mixed with MSW and inadvertently disposed of with the TVHL.

II.3 General Location Maps, Facility Layout Maps, General Topographic Map, Aerial Photograph, and Land Use Maps – 30 TAC §330.61(c, e-g)

There are no known water wells or inhabitable buildings within 500 feet of the landfill permit boundary. There is a small uninhabitable building approximately 30 feet south of the southern proposed landfill permit boundary which is the pump house for the Town of Van Horn Wastewater Treatment Plant, and a 4-inch natural gas pipeline owned by the Town of Van Horn (doing business as Texas Municipal Gas) is present between 15 and 40 feet south of the northern surveyed waste footprint boundary (**Figure II.1**)

Maps included in Part II are a general topographic map (**Figure II.2**) aerial photograph (**Figure II.3**), prevailing wind direction with a wind rose (**Figure II.4**), 1-mile radius land use map (**Figure II.5**), access road map (**Figure II.6**), airport location map (**Figure II.7**), and a TXDOT map (**Figure II.8**).

6 inches of topsoil). Current maximum elevation of waste (including intermediate cover) is currently approximately 3,995, and the current maximum elevation of the final cover is approximately 3,997. Based on historical reports, the total volume of the existing landfill is 253,189 cubic yards including approximately 237,059 cubic yards of waste.

With the vertical landfill expansion, the maximum elevation of waste will be 4,019 ft msl and the maximum elevation of final cover will be 4,021 feet msl. The aerial fill side slopes for the North Area will be approximately 3H:1V, and the top slope will be approximately 2 percent. The aerial fill side slopes for the South Area will be approximately 4H:1V, and the top slope will be approximately 2 percent. The above grade waste footprint will be 9.7 acres, as no waste will be placed over the waste currently below grade north of Cell 1.

Final cover placement will follow the specifications included in the Final Cover Quality Control Plan, which is included as **Appendix III.E.1** of the Closure Plan (**Attachment III.E**) and the Site Operating Plan (**Part IV**). Drawings depicting the site layout and final grading plan including cell layout, construction and proposed final contours are included as **Figures III.2 and III.4**.

Cross sections of the future aerial North and South Areas (**Figure III.5**) include the top of the final cover, maximum elevation of waste, existing ground, toe berms, perimeter berms and ditches, and side slopes of fill areas. However, the cross sections do not include bottom excavations or soil boring information for the following reasons:

- 1) as previously stated, as-built drawings with side slopes or bottom excavation elevations were either not generated or could not be located by the Town of Van Horn;
- 2) borings were likely not advanced within the current permit boundary prior to landfilling activities due to the age of the landfill, as landfilling activities commenced sometime after 1963 and before 1971;
- 3) although borings were advanced adjacently north and west of the landfill in 1991 in the former wastewater treatment plant area, ground surface elevations and exact location of the borings are not known; and
- 4) no borings were advanced adjacently south and east of the TVHL. The boring location map and boring logs for the borings in the former wastewater treatment plant area are included for informational purposes as **Attachment III.B**, as this information was included in the initial arid exempt eligibility demonstration.

Therefore, **Figure III.5** only includes design information from this permit amendment application.

III.4.3 Estimated Rate of Disposal and Operating Life - §330.63(d)(4)(D)

The TVHL will serve residences and businesses of the Town of Van Horn. As an arid exempt landfill, the TVHL can accept a maximum of 20 tons per day of MSW, which will be placed as aerial fill above the final cover already in place. The additional total capacity (waste and daily, intermediate and final cover) provided by the vertical expansion is approximately 240,000 cubic yards (cy).

The Town of Van Horn has previously utilized the population equivalent method; one person generates one ton of waste per year. **The initial average acceptance rate for Permit No. 693A was Per §330.675(a)(3)**, with a population of 2,000 people, the population equivalent method can still be utilized, as the TVHL will serve less than 5,000 people. Utilization of the population equivalent method indicates a maximum of 2,000 tons per year, or 8.4 tons per day (based on 237 operating days per year), will be disposed of at the TVHL. As previously stated, the population of the Town of Van Horn is not expected to increase.

The rate of disposal was also estimated by the actual volume of MSW diverted in 2015, which is considered a typical year for waste disposal by the Town of Van Horn. Approximately 8,931 cubic yards of MSW (equivalent to 24.05 cubic yards per day) was diverted in 2015 to the Sierra Blanca and El Paso County Clint landfills. The conversion factor of 400 pounds per cubic yard for no compaction included in 30 TAC §330.675(a)(2)(B) yields a daily rate (based on 237 operating days per year) of 7.9 tons per day. As this rate is similar to the estimated disposal rate of 8.4 tons per day utilizing the population equivalent method, the Town of Van Horn will utilize 8.4 tons per day as the estimated rate of disposal.

However, MSW waste reports from 2021 through 2023 indicate 2,800 to 3,562 tons of MSW have been disposed of at the TVHL, and per 30 TAC 330.125(h), a permit modification to increase the waste acceptance rate is required. Assuming 2,000 4,500 tons per year (19 tons per day) as the estimated rate of disposal and a landfill capacity of 240,000 cubic yards, the operating life of the TVHL is approximately 40 18 years assuming a medium rate of compaction of 666.66 pounds per cubic yard listed in 30 TAC §330.675(a)(2)(B) and utilized in historical annual reports.

**OPERATING LIFE CALCULATION
TOWN OF VAN HORN LANDFILL
POPULATION OF 2000 PEOPLE
TOTAL CAPACITY OF 241,000 CUBIC YARDS
MEDIUM COMPACTION (1 CY = 666.66 POUNDS, 1 TON = 2000 POUNDS)**

Method	Waste Accepted (tons/year)	Waste Accepted medium compaction (pounds/year)	medium compaction rate (convert to cubic yards (cy))	MSW Compacted rate (cy/year)	Operating Life (years)
Population Equivalent	2,000 (based on 1 ton/year/person)	4,000,000	4,000,000/666.66	6,000	240,000/6,000=40
Landfill Scale*	4,500	9,000,000	9,000,000/666.66 = 13,500	13,500	240,000/13,500=18

* scale installed outside landfill permit boundary on land owned by the Town of Van Horn.

III.5 Certification of Arid Exempt Eligibility §330.63(d)(5), §330.5(b) and §330.63(e)(6)

The TVHL was initially authorized by TCEQ as a Type IAE landfill on December 28, 1993; therefore, according to 330.5(b), the landfill was exempt from Subchapters H and J pertaining to landfill liners and groundwater monitoring. See Attachment III.B for the original Type IAE submittal and approval documentation.

An updated arid exempt eligibility demonstration was submitted to the TCEQ in April 2017 to reaffirm the arid exempt status of the TVHL under MSW Permit No. 693. The demonstration was approved on May 11, 2017, and the TCEQ approval letter and demonstration is provided in Attachment III.B. If it is determined that the TVHL no longer meets the definition of a Type IAE landfill, the Town of Van Horn shall notify the TCEQ Executive Director in writing. The integrity of any monitoring wells installed at the TVHL shall be maintained and will be made available to the executive director for collection of groundwater samples.

III.6 Soil Boring Plan §330.63(e)(4)

As the permit amendment is for a vertical expansion with no expansion of the waste footprint, borings were not required per the TCEQ email included in Attachment III.C.

III.7 Landfill Gas Management Plan –§330.63(g), §330.371

The Landfill Gas Management Plan for the TVHL can be found in Attachment III.D.

**ATTACHMENT 4
REVISED APPLICATION PAGES
(CLEAN)**

**SUPPLEMENTARY TECHNICAL REPORT
PART I PAGE
PART II PAGE
PART III PAGES**

Supplementary Technical Report - 30 TAC §305.45(a)(8)

The Town of Van Horn Landfill (TVHL), MSW Permit No. 693, is an existing Type I Arid Exempt (Type IAE) landfill which accepted Type I waste below grade from at least 1971 to August 1997. Final cover was applied between June and October 1998, and the TVHL became eligible for post-closure care in November 1998. The TCEQ website indicates the TVHL is currently in post-closure care. TCEQ issued MSW Permit No. 693A to re-open the TVHL on January 24, 2019.

Waste formerly generated from the Town of Van Horn was diverted to the Sierra Blanca Landfill (MSW Permit No. 957A) in Hudspeth County, Texas and the Clint Landfill (MSW Permit No. 1482) in El Paso, Texas. In 2015, considered a typical year for waste disposal by the Town of Van Horn, 8,931 cubic yards of Type I waste was diverted to the Sierra Blanca and Clint Landfills. Tipping fees paid to the two landfills for the 2016-2017 fiscal year exceeded 3 percent of the Town of Van Horn budget for all public services, and the costs for truck maintenance were high due to the mileage accrued by the trucks to transport the waste.

The current permit amendment a693A allowed Type I waste to be accepted at a rate of 8.4 tons per day (tpd), based on 237 operating days per year. However, MSW Waste reports from 2021-2023 indicate 2,800 to 3,562 tons of MSW have been disposed of at the TVHL, and a permit modification to increase the waste acceptance rate to 4,500 tons per year, or 19 tons per day, is warranted. The waste streams will originate from private homes, commercial establishments, municipal and private contractors originating primarily from the Town of Van Horn. The Citizens Collection Station and Low-Volume Transfer Station will remain operational. Large, bulky items continue to be transported to other TCEQ-approved disposal, and recyclable items continue to be transported to El Paso, Texas for recycling.

With the issuance of MSW Permit 693A, all waste is placed above grade over the existing final cover. The waste footprint will decrease to 9.7 acres. The landfill capacity will increase by approximately 240,000 cubic yards. The landfill permit boundary increased to 16.8 acres, and includes a detention basin and a minimum 50-foot buffer zone adjacent to the TVHL waste footprint. Perimeter ditches and landfill gas probes are within the buffer zone. All other related features and structures (gatehouse, borrow area, large, bulky items and recyclable material) are outside the landfill permit boundary on property owned by the Town of Van Horn. The peak elevation of the landfill will be approximately 4,021 feet above mean sea level or about 30 feet above the current ground surface. The finished landfill contours will slope at a minimum 2% on top and about 25% at the landfill sidelopes.

Part I

This section includes pertinent information regarding the facility location, property owner, and applicant.

I.1 General – 30 TAC §330.59(a)

The Town of Van Horn Landfill (TVHL) is a closed Type I arid exempt landfill located approximately 3000 feet east of US Highway 90 and 3750 feet south of US Interstate Highway 10 (IH-10) in the extra territorial jurisdiction (ETJ) of Van Horn, Culberson County, Texas at latitude 31°01'40" N and longitude 104°49'08" W. The landfill accepted waste from at least 1971 until August 1997. A permit application was received by the Texas Department of Health Resources in March 1975, and was issued MSW permit No. 693 in December 1976. The site was classified at that time as a 10-acre Type III facility serving the City of Van Horn. On December 28, 1993, the facility was granted arid exempt status and approved as a Type I Arid Exempt (Type IAE) landfill.

The landfill stopped accepting waste in August 1997, and final cover was applied between June and October 1998. The Texas Natural Resource Conservation Commission ([TNRCC], predecessor to the Texas Commission on Environmental Quality [TCEQ]) inspected the landfill for closure on October 8, 1998 and declared it eligible for post-closure care in November 1998. In a letter dated March 9, 2000, the TNRCC certified that post-closure care of the landfill was completed in or prior to January 2000. The TCEQ website indicated the TVHL is in post-closure care until 2018.

A permit amendment to re-open the TVHL was submitted in 2018. With the issuance of MSW Permit No. 693A on January 24, 2019, the waste footprint will decrease to 9.7 acres and the landfill capacity will increase by approximately 240,000 cubic yards. The landfill permit boundary increases to 16.8 acres, and includes a detention pond and a minimum 50-foot buffer zone adjacent to the waste footprint boundary. Assuming the landfill is open 237 days per year, and after approval of a 2024 permit modification, the maximum estimated rate of disposal and operating life is approximately 19 tons per day and 18 years, respectively.

I.2 Facility Location – 30 TAC §330.59(b)

The TVHL is located approximately 3,000 feet east of US Highway 90 and 3750 feet south of US Interstate Highway 10 (IH-10) in the extra territorial jurisdiction (ETJ) of Van Horn, Culberson County, Texas. Adjacent to the TVHL are four TCEQ regulated entities with active registrations or permits owned and operated by the Town of Van Horn. The regulated entity name, registration or permit numbers, permit issue date, and facility type are listed in the table below.

Regulated Entity Name	Registration/Permit No.	Permit/Registration Issue Date	Facility Type
Town of Van Horn Old Wastewater Collection Pond	9006A	March 2014	Abandoned and Nuisance Building Landfill (Monofill)
Town of Van Horn Roll Off Area	110040	August 2013	SLV (Low-Volume Transfer Station)
Town of Van Horn Roll Off Area	120097	May 2013	5CC (referred to as Citizens Collection Station in this permit)
Town of Van Horn Wastewater Treatment Plant	WQ0014241001	October 2014	Wastewater Treatment Facility

continued arid exempt status for the TVHL under MSW Permit No. 693 was sent to the TCEQ in April 2017, and was approved in May 2017. The demonstration and TCEQ approval letter are included in **Part III** as **Attachment III.B**. After issuance of MSW Permit No. 693A, the TVHL will accept waste above existing ground surface within the previously permitted waste boundary at rates less than 20 tons per day. Perimeter ditches, buffer zones, and a detention basin will be located outside the waste footprint and within the proposed permit boundary on property owned by the Town of Van Horn.

II.2 Waste Acceptance Plan – 30 TAC §330.61(b)

The TVHL will accept MSW from the Town of Van Horn and Culberson County. MSW from Hudspeth and Jeff Davis Counties may be accepted in an emergency situation; however, the total MSW accepted at the TVHL will not exceed 20 tons per day. The initial average acceptance rate for the TVHL for Permit No. 693A, based on the population equivalent method was approximately 8.4 tons per day (based on 237 operating days) for an annual maximum acceptance rate of 2,000 tons per year. However, MSW Waste reports from 2021-2023 indicate 2,800 to 3,562 tons of MSW have been disposed of at the TVHL, and a permit modification to increase the waste acceptance rate to 4,500 tons per year, or 19 tons per day, is warranted. A further explanation and calculation of the estimated rate of disposal and operating life is included in **Part III, Section III.4.3**. -

Waste accepted at the TVHL will be limited to MSW from residential, municipal, and commercial sources. The following wastes are prohibited from disposal within the TVHL:

- lead-acid storage batteries;
- do-it-yourself used motor-vehicle oil;
- used oil filters from internal combustion engines;
- whole used or scrap tires;
- refrigerators, freezers, air conditioners, and any other items containing any chlorinated fluorocarbons;
- liquid waste [except as allowed in 30 TAC 330.15(e)(6)];
- regulated hazardous waste;
- polychlorinated biphenyl (PCB) wastes (30 TAC 330.3); and
- radioactive materials.

The TVHL will not knowingly accept and will not intentionally dispose of do-it-yourself used motor-vehicle oil and used oil filters. However, incidental amounts may be mixed with MSW and inadvertently disposed of with the TVHL.

II.3 General Location Maps, Facility Layout Maps, General Topographic Map, Aerial Photograph, and Land Use Maps – 30 TAC §330.61(c, e-g)

There are no known water wells or inhabitable buildings within 500 feet of the landfill permit boundary. There is a small uninhabitable building approximately 30 feet south of the southern proposed landfill permit boundary which is the pump house for the Town of Van Horn Wastewater Treatment Plant, and a 4-inch natural gas pipeline owned by the Town of Van Horn (doing business as Texas Municipal Gas) is present between 15 and 40 feet south of the northern surveyed waste footprint boundary (**Figure II.1**)

Maps included in Part II are a general topographic map (**Figure II.2**) aerial photograph (**Figure II.3**), prevailing wind direction with a wind rose (**Figure II.4**), 1-mile radius land use map (**Figure II.5**), access road map (**Figure II.6**), airport location map (**Figure II.7**), and a TXDOT map (**Figure II.8**).

6 inches of topsoil). Current maximum elevation of waste (including intermediate cover) is currently approximately 3,995, and the current maximum elevation of the final cover is approximately 3,997. Based on historical reports, the total volume of the existing landfill is 253,189 cubic yards including approximately 237,059 cubic yards of waste.

With the vertical landfill expansion, the maximum elevation of waste will be 4,019 ft msl and the maximum elevation of final cover will be 4,021 feet msl. The aerial fill side slopes for the North Area will be approximately 3H:1V, and the top slope will be approximately 2 percent. The aerial fill side slopes for the South Area will be approximately 4H:1V, and the top slope will be approximately 2 percent. The above grade waste footprint will be 9.7 acres, as no waste will be placed over the waste currently below grade north of Cell 1.

Final cover placement will follow the specifications included in the Final Cover Quality Control Plan, which is included as **Appendix III.E.1** of the Closure Plan (**Attachment III.E**) and the Site Operating Plan (**Part IV**). Drawings depicting the site layout and final grading plan including cell layout, construction and proposed final contours are included as **Figures III.2 and III.4**.

Cross sections of the future aerial North and South Areas (**Figure III.5**) include the top of the final cover, maximum elevation of waste, existing ground, toe berms, perimeter berms and ditches, and side slopes of fill areas. However, the cross sections do not include bottom excavations or soil boring information for the following reasons:

- 1) as previously stated, as-built drawings with side slopes or bottom excavation elevations were either not generated or could not be located by the Town of Van Horn;
- 2) borings were likely not advanced within the current permit boundary prior to landfilling activities due to the age of the landfill, as landfilling activities commenced sometime after 1963 and before 1971;
- 3) although borings were advanced adjacently north and west of the landfill in 1991 in the former wastewater treatment plant area, ground surface elevations and exact location of the borings are not known; and
- 4) no borings were advanced adjacently south and east of the TVHL. The boring location map and boring logs for the borings in the former wastewater treatment plant area are included for informational purposes as **Attachment III.B**, as this information was included in the initial arid exempt eligibility demonstration.

Therefore, **Figure III.5** only includes design information from this permit amendment application.

III.4.3 Estimated Rate of Disposal and Operating Life - §330.63(d)(4)(D)

The TVHL will serve residences and businesses of the Town of Van Horn. As an arid exempt landfill, the TVHL can accept a maximum of 20 tons per day of MSW, which will be placed as aerial fill above the final cover already in place. The additional total capacity (waste and daily, intermediate and final cover) provided by the vertical expansion is approximately 240,000 cubic yards (cy).

The Town of Van Horn has previously utilized the population equivalent method; one person generates one ton of waste per year. The initial average acceptance rate for Permit No. 693A Per §330.675(a)(3), was 8.4 tons per day (based on 237 operating days per year) at the TVHL.

The rate of disposal was also estimated by the actual volume of MSW diverted in 2015, which is considered a typical year for waste disposal by the Town of Van Horn. Approximately 8,931 cubic yards of MSW (equivalent to 24.05 cubic yards per day) was diverted in 2015 to the Sierra Blanca and El Paso County Clint landfills. The conversion factor of 400 pounds per cubic yard for no compaction included in 30 TAC §330.675(a)(2)(B) yields a daily rate (based on 237 operating days per year) of 7.9 tons per day. As this rate is similar to the estimated disposal rate of 8.4 tons per day utilizing the population equivalent method, the Town of Van Horn utilized 8.4 tons per day as the estimated rate of disposal.

However, MSW waste reports from 2021 through 2023 indicate 2,800 to 3,562 tons of MSW have been disposed of at the TVHL, and per 30 TAC 330 125(h), a permit modification to increase the waste acceptance rate is required. Assuming 4,000 tons per year (19 tons per day) as the estimated rate of disposal and a landfill capacity of 240,000 cubic yards, the operating life of the TVHL is approximately 18 years assuming a medium rate of compaction of 666.66 pounds per cubic yard listed in 30 TAC §330.675(a)(2)(B).

**OPERATING LIFE CALCULATION
TOWN OF VAN HORN LANDFILL
TOTAL CAPACITY OF 241,000 CUBIC YARDS
MEDIUM COMPACTION (1 CY = 666.66 POUNDS, 1 TON = 2000 POUNDS)**

Method	Waste Accepted (tons/year)	Waste Accepted (pounds/year)	medium compaction rate (convert to cubic yards)	MSW compacted cubic yards/year	Operating Life (years)
Landfill Scale*	4,500	9,000,000	9,000,00/666.66 = 13,500	13,500	240,000/13,500= 18

*- scale is located outside landfill permit boundary on land owned by the Town of Van Horn.

III.5 Certification of Arid Exempt Eligibility §330.63(d)(5), §330.5(b) and §330.63(e)(6)

The TVHL was initially authorized by TCEQ as a Type IAE landfill on December 28, 1993; therefore, according to 330.5(b), the landfill was exempt from Subchapters H and J pertaining to landfill liners and groundwater monitoring. See **Attachment III.B** for the original Type IAE submittal and approval documentation.

An updated arid exempt eligibility demonstration was submitted to the TCEQ in April 2017 to reaffirm the arid exempt status of the TVHL under MSW Permit No. 693. The demonstration was approved on May 11, 2017, and the TCEQ approval letter and demonstration is provided in **Attachment III.B**. If it is determined that the TVHL no longer meets the definition of a Type IAE landfill, the Town of Van Horn shall notify the TCEQ Executive Director in writing. The integrity of any monitoring wells installed at the TVHL shall be maintained and will be made available to the executive director for collection of groundwater samples.

III.6 Soil Boring Plan §330.63(e)(4)

As the permit amendment is for a vertical expansion with no expansion of the waste footprint, borings were not required per the TCEQ email included in **Attachment III.C**.

III.7 Landfill Gas Management Plan –§330.63(g), §330.371

The Landfill Gas Management Plan for the TVHL can be found in **Attachment III.D**.

**ATTACHMENT 5
CORE DATA FORM**



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 Permit Modification
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 600501365		RN 102143500

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		1/30/2024	
<input type="checkbox"/> New Customer <input checked="" 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>	
Town of Van Horn					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
		74-6002432			
10. DUNS Number (if applicable)					
11. Type of Customer:		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Government: <input checked="" type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other				Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:			
12. Number of Employees			13. Independently Owned and Operated?		
<input type="checkbox"/> 0-20 <input checked="" 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 type="checkbox"/> Operator <input checked="" 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:		PO Box 517			
City		Van Horn		State TX	
ZIP		79855		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** (If "New Regulated Entity" is selected, a new permit application is also required.)

New Regulated Entity Update to Regulated Entity Name Update to Regulated Entity Information

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).

22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)

Town of Van Horn Landfill

23. Street Address of the Regulated Entity:*(No PO Boxes)*

3000 FEET E OF US 90 3750 FEET S OF US 80

City	Van Horn	State	TX	ZIP	79855	ZIP + 4	

24. County

Culberson

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

25. Description to**Physical Location:**

3000 FEET EAST OF US 90 3750 FEET S OF US 80 (I-10)

26. Nearest City**State****Nearest ZIP Code**

Van Horn

TX

79855

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).

27. Latitude (N) In Decimal:**28. Longitude (W) In Decimal:**

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

31

1

40

104

49

8

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

556221

33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)**34. Mailing**

PO Box 517

Address:

City	Van Horn	State	TX	ZIP	79855	ZIP + 4	

35. E-Mail Address:**36. Telephone Number****37. Extension or Code****38. Fax Number** (if applicable)

(432) 283-2050

(432) 283-2839

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.

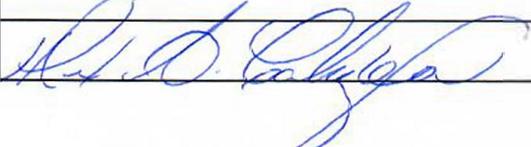
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input checked="" type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
693A				
<input type="checkbox"/> Sludge	<input checked="" type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
	TXR05E15			
<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:	Janet Meaux	41. Title:	Senior Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(346) 378-7800		() -	jmeaux@cecinc.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:	Town of Van Horn	Job Title:	City Secretary
Name (In Print):	Mark Cabezuela	Phone:	(432) 283- 2050
Signature:		Date:	01/26/2024

ATTACHMENT 6
SIGNATURE AUTHORITY DELEGATION

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: Mark A. Cabezuela Title: City Administrator

Email Address: [REDACTED]

Signature: [Handwritten Signature] Date: 01/19/2024

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

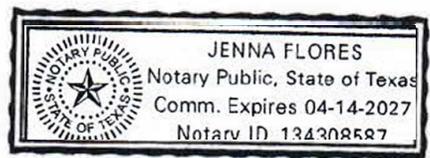
SUBSCRIBED AND SWORN to before me by the said _____

On this 19th day of January, 2024

My commission expires on the 14th day of April, 2027

Jenna Flores

Notary Public in and for
Culberson County, Texas



Note: Application Must Bear Signature and Seal of Notary Public

**ATTACHMENT 7
FEE PAYMENT RECEIPT**



Basis2 Receipt Report by Endorsement Number

FEB-29-24 08:54 AM

<u>Acct. #:</u> MWP	<u>Account Name:</u> MSW APPLICATION/AMEND/MODIFY								
<u>Paid For</u>	<u>Endors. #</u>	<u>Ref #2</u>	<u>Paid In By</u>	<u>PayTyp</u>	<u>Chk #</u>	<u>Card#</u>	<u>Bank Slip</u>	<u>Tran.Date</u>	<u>Receipt Amnt.</u>
TOWN OF VAN HORN LANDFILL	████████		VAN HORN, TOWN OF	CK	████████		████████	21-FEB-24	\$100.00

<u>Acct. #:</u> PTGW	<u>Account Name:</u> NOTICE FEES MSW APPL/AMEND/MODIFY								
<u>Paid For</u>	<u>Endors. #</u>	<u>Ref #2</u>	<u>Paid In By</u>	<u>PayTyp</u>	<u>Chk #</u>	<u>Card#</u>	<u>Bank Slip</u>	<u>Tran.Date</u>	<u>Receipt Amnt.</u>
	████████		VAN HORN, TOWN OF	CK	████████		████████	21-FEB-24	\$50.00