CORRESPONDENCE COVER SHEET
WASTE PERMITS DIVISION
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Date: 9/4/20
Facility Name: City of Dalhart Municipal Solid Waste Landfill Transfer Station
Permit or Registration No.: 1038A

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

*If Response/Revision, please provide previous TCEQ Tracking No.: 25292647
(Previous TCEQ Tracking No. can be found in the Subject line of the TCEQ's response letter to your original submittal.)

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

Table 1 - Municipal Solid Waste

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

Table 2 - Industrial & Hazardous Waste

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

BRANDT ENGINEERS®
TBPE REGISTRATION NO. 4174
4537 CANYON DRIVE, AMARILLO, TEXAS 79110
OFC: 806/353-7233 FAX: 806/353-7261

September 3, 2020

Bria Patterson
Municipal Solid Waste Permits Section, MC 124
Waste Permits Division
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, Texas 78711-3087

Re: NOD II Response
Transfer Station Registration Application
Dalhart, Texas

Dear Ms. Patterson:

This transmittal letter is intended to address each comment in the second review email dated August 5, 2020 for the City of Dalhart Municipal Solid Waste Landfill Transfer Station. The comments from the review are included and addressed below, along with the additional revisions.

"1. Provide a sealed metes and bounds survey description of the facility. Provide a sealed metes and bounds survey drawing."

A sealed metes and bounds survey drawing has been provided in Part I, Appendix I-B, Pages B-6 and B-7.

"2. Provide a PE seal for the revisions cover page."

The revisions cover page dated September 3, 2020 for Notice of Deficiency II has been provided with a PE seal.

"3. Provide a facility description on stated location, or reference the additional location."

"The proposed transfer station is to be located approximately 1,300 feet south along Nortex Road (Mackey Road) from the intersection of US Hwy 87 and Nortex Road. The proposed transfer station is to be placed immediately south of the existing landfill off of the southeast landfill property corner. The transfer station will be bordered on the east by Mackey Road and the landfill on the north." This information has been provided on the TCEQ-0650 Form in Part I, Page 5, Section 16.

"4. Provide volume, average and max rate of disposal in Part I Form. Reference the additional location in application."

"The average estimated daily waste generation rate for the next five years for the City of Dalhart landfill is approximately 35 tons per day. The allowable maximum daily waste acceptance rate for the landfill is 20 tons per day. The transfer station will be in place to divert the overflow waste from the City of Dalhart landfill to the City of Amarillo Landfill. The transfer station will receive an average of about 15 tons per day with a maximum waste acceptance rate of 20 tons per day." This information has been provided on the TCEQ-0650 form in Part I, Page 5, Section 16.

"5. List the waste not accepted by the facility."

"Wastes shall not contain, or the transfer station will not accept the following:

- Regulated hazardous waste
- Polychlorinated Biphenyls (PCBs) waste
- Lead acid storage batteries
- Do-it-Yourself (DIY) used motor oil
- Used oil filters from internal combustion engines
- Whole used or scrap tires
- Items containing chlorinated fluorocarbons (CFCs), such as refrigerators, freezers, and air conditioners, shall only be accepted at the site if the generator or transporter provides written certification that the CFC has been evacuated from the unit and that it was not knowingly allowed to escape into the atmosphere
- Liquid waste
- Regulated Asbestos Containing Materials (RACM)
- Industrial Waste

The acceptance and/or disposal of special wastes shall not be allowed for the following unless prior written approval by the Executive Director.

1) Special wastes from health-care-related facilities which include animal waste, bulk human blood, blood products, body fluids, microbiological waste, pathological waste, and sharps as defined in 25 TAC Section 1.132
2) Soil contaminated by petroleum products, crude oils, or chemicals in concentrations of 1,500 milligram per kilogram (mg/kg) total petroleum hydrocarbons; or contaminated by constituents of concern that exceed the concentrations listed in Constituents of Concern and Their Maximum Leachable Concentrations in 30 TAC §521(a)(1) of this title must be disposed in dedicated cells that meet the requirements of 30 §330.331(e) of this title (relating to Design Criteria). Requests for approval to accept special wastes shall be submitted to the Executive Director and shall include, but are not limited to the following:

    - A complete description of the chemical and physical characteristics of each waste, a statement as to whether or not each was in a Class I industrial waste as defined in 30 TAC Section 330.2 (relating to Definitions) and the quantity and rate at which east waste is produced and/or the expected frequency of disposal.

    - An operational plan containing the proposed procedures for handling each waste and listing required protective equipment for operating personnel and on-site emergency equipment.

- A contingency plan outlining responsibilities for containment and cleanup of any accident spills occurring during the delivery and/or disposal operation. The Executive Director may issue an approval to receive special wastes without a written request from the City of Dalhart; however, in such cases the site operator is not required to accept the wastes. The Executive Director may revoke an authorization to accept special wastes if the City of Dalhart does not maintain compliance with these rules or conditions imposed in the authorization to accept special wastes. The acceptance and/or disposal of special wastes as defined in 30 TAC §330.3 (relating to Definitions) which is not specifically identified in subsections (c) or (d) of 30 TAC §330.171, or 30 TAC §330.173 (relating to Disposal of Industrial Wastes) shall not be accepted at the Dalhart Municipal Transfer Station without prior written approval from the Executive Director. Approvals will be waste-specific and/or site-specific and will be granted only to appropriate facilities operating in compliance with this chapter." This information has been provided in Part II, Page II-2, Section 3.1.

"6. Provide clarification for the maximum waste acceptance rate. Provide an intended destination for the solid waste received at the facility."

"The average estimated daily waste generation rate for the next five years for the City of Dalhart landfill is approximately 35 tons per day. The allowable maximum daily waste acceptance rate for the landfill is 20 tons per day. The transfer station will receive an average of about 15 tons per day with a maximum waste acceptance rate of 20 tons per day. The intended destination for the solid waste received is the City of Amarillo landfill." This information has been provided in Part II, Page II-3, Section 3.2.

"7. Acknowledge rule citation 330.61(n)(1)."

"The City of Dalhart shall consider the impact of a solid waste disposal facility upon endangered or threatened species. The facility and the operation of the facility shall not result in the destruction or adverse modification of the critical habitat of endangered or threatened species, or cause or contribute to the taking of any endangered or threatened species." This information has been provided in Part II, Page II-11, Section 16.

"8. Provide a legend for figure 2-5."

A legend for figure 2-5 has been provided as requested in Part II, Appendix II-I, Page I-5

"9. Provide a traffic flow diagram on the map."

A traffic flow diagram on the map of figure 2-5 has been provided in Part II, Appendix II-I, Page I-5.

"10. Provide the maximum amount of waste stored during a 24 hour period. Provide a maximum time items will temporarily remain at the facility."

"Solid waste is to be hauled to a landfill immediately from the transfer station once inspected for prohibited waste. At no instance will the solid waste be detained at the transfer station for more than 24 hours. Solid waste stored in a 24 hour period will not exceed 20 tons per day." This information has been provided in Part IV, Page IV-8, Section 5.5.

"11. Provide the capacity of the holding tank."

"The capacity of the holding tank is 2,500 gallons." This information has been provided in Part IV, Page IV-8, Section 7.

"12. Provide clarification on the treatment of wash water."

"All effluent from processing operations and wash water from cleaning operations of the transfer station floor will be collected in trench drains installed in the floor. The trench drains will discharge into a holding tank which will then be pumped and hauled to the City of Dalhart Wastewater Treatment Plant as needed." This information has been provided in Part IV, Page IV-8, Section 7.

"13. Indicate the treatment of wash water."

"All effluent from processing operations and wash water from cleaning operations of the transfer station floor will be collected in trench drains installed in the floor. The trench drains will discharge into a holding tank which will then be pumped and hauled to the City of Dalhart Wastewater Treatment Plant as needed." This information has been provided in Part IV, Page IV-8, Section 7.

"14. Provide a description of available water under pressure."

"Water under pressure will not be available at the site for firefighting purposes. The City of Dalhart Fire Department has certified that the existing fire protection means at the municipal solid waste facility are sufficient and will not require water under pressure on site for fire protection. Correspondence with the City of Dalhart Fire Department is provided in Appendix II-J of this application." This information has been provided in Part IV, Page IV-12, Section 11.3. Correspondence is provided in Part II, Appendix II-J, Page J-32.

"15. Describe the public access road. Provide a description for vehicle parking."

"The facility access road from a publicly owned roadway will be all-weather surfaced and will have a minim width of two-lanes. The entrance and facility roads have been designed for the expected traffic flow, to provide safe on-site access for commercial collection vehicles and the public, to avoid disruption of normal traffic patterns, and to provide safe turning radii for vehicles that utilize the facility. Vehicle parking will not be provided at the transfer station, but it is provided at the facility scale house for employees and visitors (see Part II, Figure 2-5). Safety bumpers at hoppers will be provided for vehicles.

Equipment parking and staging will be directed by transfer station personnel to as not to block or hinder waste collection vehicles or transfer trailers from ingress or egress to the tipping floor and loadout tunnels." This information has been provided in Part IV, Page IV-13, Section 12.2.

"16. Provide a description how the transfer station will contain the worst case spill or release, and account for precipitation from a 25-year, 24-hour storm."

"Storage and processing areas shall be designed to control and contain spills and contaminated water from leaving the facility. The design shall be sufficient to control and contain a worst case spill or release. Unenclosed containment areas shall also account for precipitation from a 25-year, 24 hour storm." This information has been provided in Part IV, Page IV-15, Section 14.

"17. Provide justification for alternative hours for Saturdays."

Saturday hours from both regular waste acceptance hours and from normal hours of operation have been removed. This information has been provided in Part IV, Page IV-15, Section 15.

"18. Address visual screening as in rule 330.239."

"The transfer activities will be enclosed within the transfer station building. The proposed transfer station will be located approximately 500 feet away from the nearest public roadway and approximately 1,000 feet from the nearest residential landowner. Therefore, any noise generated in the process will be significantly confined to the transfer station building. In addition, the waste unloading and transfer process will also be visually-screened from the public by the proposed transfer station building and will minimize undesirable visual impacts." This information has been provided in Part IV, Page IV-18, Section 20.

A new, original applicant certification statement and signature page with the revised application has been provided in Part I, Appendix I-E, Page E-2. In addition, a new signature page with the revised TCEQ Core Data Form sheet is provided in Part I, Appendix I-H, Pages H-1 to H-4.

Please note that after adding in content to the registration application, the page numbers have been offset throughout the document. The new submission has revision page numbers on all pages. The pages where content has been changed are indicated separately by redlines.

Should you have any questions or need additional information, please do not hesitate to contact us.

Sincerely,

BRANDT ENGINEERS

Dwight L. Brandt, P.E.

cc: City of Dalhart

Enclosures

Brandt Engineers
F-4174

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
1	General	Submit all four parts of the permit, permit amendment or registration application	Required	330.57(a) & (b)	Yes	Parts I through IV are included with the submittal	Provided	Format-Application
2	General	Submit TCEQ Part I Form (Form No. 0650)	Required	330.57(c)(1)	Yes	Part I Form	Provided	Forms
12	General	Submit data of sufficient completeness, accuracy and clarity	Required	330.57(d)	Yes	Full application	Submitted data believed to be complete, accurate and clear	Format-Application
14	General	Provide 4 Copies for Initial Submittal (1 original and 3 copies)	Required	330.57(e)	Yes	Full application	Required original and copies provided	Format-Application
15	General	Provide 4 copies for NOD Responses including 1 copy with marked revisions (redline/strikeout)	Required	330.57(g)(6)	Yes	Full application	Provided	Format-Application
17	General	Provide a PE signature, seal and date on the title page of each bound engineering report or individual engineering plan, and on each engineering drawing	Required	330.57(f)(1)	Yes	PE seal, signed, and dated where required	Provided	Format-Application
18	General	Provide PG sign, seal, & date for applicable items	Required	330.57(f)(2)	Yes	N/A	There are no items necessary in this application necessary to be sealed by a PG	Format-Application
20	General	Submit the application in three ring-binders	Required	330.57(g)(1)	Yes	Full application	Provided	Format-Application
21	General	Submit Title Page with Name, Application No., Site Operator Name, Operator Name (if applicable), Location, Date Prepared and Revision Date(s)	Required	330.57(g)(2)	Yes	Title Pages of Parts I, II, III and IV	Provided	Format-Application
22	General	Provide Table of Contents with PE seal	Required	330.57(g)(3)	Yes	Table of Contents for Parts I, II, III and IV	Provided	Format-Application
23	General	Use 8.5x11 inch or 11x17 paper (folded to 8.5x11 inch)	Required	330.57(g)(4)	Yes	Full application	Provided	Format-Application
24	General	Provide pages with date (original and revised) and sequential page numbers	Required	330.57(g)(5)	Yes	Full application	Provided	Format-Application
25	General	Provide legible drawings/maps	Required	330.57(h)(1)	Yes	Full application (drawings and maps)	Provided	Format-Maps/Drawings
26	General	Provide color coding on all figures and drawings that is legible and distinct after copying in black & white	Required	330.57(h)(2)	Yes	Full application (figures/drawings)	Provided	Format-Maps/Drawings
27	General	Provide a standard engineering scale on each figure or drawing	Required	330.57(h)(3)	Yes	Full application (figures/drawings)	Provided	Format-Maps/Drawings
28	General	Provide a dated title block on each figure or drawing	Required	330.57(h)(4)(A)	Yes	Full application (figures/drawings)	Provided	Format-Maps/Drawings
29	General	Provide a bar scale at least 1 inch on all figures and drawings	Required	330.57(h)(4)(B)	Yes	Full application (figures/drawings)	Provided	Format-Maps/Drawings
30	General	Provide a revision block on all figures and drawings	Required	330.57(h)(4)(C)	Yes	Full application (figures/drawings)	Provided	Format-Maps/Drawings
31	General	Provide a PE or PG seal ,if required, on all figures and drawings	Required	330.57(h)(4)(D)	Yes	Full application (figures/drawings)	Provided where PE seal required	Format-Maps/Drawings
32	General	Include drawing number and a page number on each drawing and figure	Required	330.57(h)(4)(E)	Yes	Full application (figures/drawings)	Each figure/drawing has a figure number and a page number	Format-Maps/Drawings
33	General	Include a north arrow on each map or plan drawing	Required	330.57(h)(5)(A)	Yes	Full application (figures/drawings)	Applicable drawings showing plan views of the site have a north arrow	Format-Maps/Drawings
34	General	Include a reference to base map & date of most current base map used, if the map is based upon another map	Required	330.57(h)(5)(B)	Yes	Full application (figures/drawings)	Base map source/date is referenced on drawings that use a base map	Format-Maps/Drawings
35	General	Include a legend on each map or plan drawing	Required	330.57(h)(5)(C)	Yes	Full application (figures/drawings)	Legends are provided on applicable drawings	Format-Maps/Drawings
36	General	Provide match lines and section lines that reference the drawing where the match or section is shown.	Required	330.57(h)(6)	Yes	Full application (figures/drawings)	Provided on applicable drawings	Format-Maps/Drawings
37	General	Indicate that the registration is for an MSW transfer station facility that is used in the transfer of MSW to a solid waste processing or disposal facility from any of the following: a municipality with a population of less than 50,000; a county with a population of less than 85,000; a facility used in the transfer of MSW that transfers or will transfer 125 tons per day or less or a transfer station located within the permitted boundaries of an MSW Type I or Type IV facility	Required	330.9(b)(1) - (4)	Yes	Page II-1		Application Eligibility
63	General	Identify if the Regulated Entity or Customer has any delinquent fees	Required	330.59(h), 330.671, 330.675	Yes	The Regulated Entity/Customer does not have any delinquent fees		Delinquent Fees
64	Part I	Provide a copy of the application, including all revisions and supplements on a publicly accessible Web site	Required in Part I Form	330.57(i)(1)		Form 650, Page 1		Part I Form
65	Part I	Provide the commission with the Web address link for the application materials	Required in Part I Form	330.57(i)(1)		URL Provided		Part I Form
66	Part I	Signature Page must have signature and notarization	Required in Part I Form	330.59(a)(1)		Page E-2		Part I Form
67	Part I	Applicant's name, mailing address & phone no.	Required in Part I Form	330.59(a)(1)		Page 3		Part I Form

68	Part I	Description of the nature of the business	Required in Part I Form	330.59(a)(1)		Page 5		Part I Form
69	Part I	Activities that require a permit (conducted at the facility)	Required in Part I Form	330.59(a)(1)		Page 3		Part I Form
70	Part I	Location description, facility name & mailing address	Required in Part I Form	330.59(b)(1); 305.45(a)(1)		Page 3		Part I Form
71	Part I	Access routes	Required in Part I Form	330.59(b)(2)		Page 4		Part I Form
72	Part I	Lat. & Long. of the facility	Required in Part I Form	330.59(b)(3)		Page 3		Part I Form
73	Part I	Lat. & Long. depicted	Required in Part I Form	330.59(c)(1)(A)		Figure 2-3		Part I Form
74	Part I	All maps should show the facility location	Required in Part I Form	305.45(a)(6)		Part I, Appendix I-A (see maps therein)		Part I Form
76	Part I	All maps should show other structures or locations regarding the regulated facility and associated activities	Required in Part I Form	305.45(a)(6)		Part I, Appendix I-A (see maps therein)		Part I Form
77	Part I	At least one map with a scale not less than 1 inch = 1 mile	Required in Part I Form	305.45(a)(6)		Part I, Appendix I-A (see maps therein)		Part I Form
78	Part I	Permit/Registration boundary and 1 mile beyond to show the following:	Required in Part I Form	330.59(c)(1)(B)		Part I, Appendix I-A (see maps therein)		Part I Form
79	Part I	Wells, springs, surface water bodies	Required in Part I Form	305.45(a)(6)(A)		Part I, Appendix I-A, Figure 1-2		Part I Form
80	Part I	Character of adjacent land including public roads, towns, development as residential, commercial, agricultural, etc.	Required in Part I Form	305.45(a)(6)(B)		Part I, Appendix I-A, Figure 1-1		Part I Form
81	Part I	Location of any waste disposal activities conducted on the tract but not included in the application	Required in Part I Form	305.45(a)(6)(C)		N/A	There are no waste disposal activities conducted on the tract that are not included in the application	Part I Form
82	Part I	General location map, TXDOT, scale of ½ inch = 1 mile and most current map used	Required in Part I Form	330.59(c)(2)		Part I, Appendix I-A, Figure 1-2		Part I Form
83	Part I	Land Ownership Map, within ¼ mile & mineral interest ownership	Required in Part I Form	330.59(c)(3)(A)		Part I, Appendix I-A, Figure 1-1		Part I Form
84	Part I	Land Ownership List both in hardcopy and electronic form (alternatively pre-printed mailing labels)	Required in Part I Form	330.59(c)(3)(B)		Page A-4		Part I Form
85	Part I	Legal description of property or other documentation of ownership	Required in Part I Form	330.59(d)(1)(A)		Page B-2		Part I Form
86	Part I	If Platted; plat record with county, book, page number and acreage information	Required in Part I Form	330.59(d)(1)(B)		Page B-2		Part I Form
87	Part I	Signed, sealed and dated surveyed metes and bounds description of the facility	Required in Part I Form	330.59(d)(1)(C)		Page B-6		Part I Form
88	Part I	Signed & sealed metes & bounds drawing	Required in Part I Form	330.59(d)(1)(D)		Page B-5		Part I Form
89	Part I	Signed property owner affidavit	Required in Part I Form	330.59(d)(2)		Page B-8		Part I Form
90	Part I	Acknowledge that State may hold owner responsible	Required in Part I Form	330.59(d)(2)(A)		Page B-8		Part I Form
92	Part I	Acknowledge that the owner & State shall have access during life of the facility and during closure	Required in Part I Form	330.59(d)(2)(C)		Page B-8		Part I Form
94	Part I	Verified legal status of applicant and list of persons with 20% or more ownership in the facility	Required in Part I Form	330.59(e)		Page C-2		Part I Form
95	Part I	Ownership status as federal, state, private, public, or other	Required in Part I Form	305.45(a)(2)		Page 6		Part I Form
96	Part I	List of all Texas solid waste sites that the owner or operator has owned or operated within the last ten years. The site name, site type, permit or registration number, county, and dates of operation shall also be submitted.	Required in Part I Form	330.59(f)(1)		Page D-2		Part I Form
97	Part I	List of all solid waste sites in all states, territories, or countries in which the owner or operator has a direct financial interest. The type of site shall be identified by location, operating dates, name, and address of the regulatory agency, and the name under which the site was operated.	Required in Part I Form	330.59(f)(2)		Page D-2		Part I Form
98	Part I	Shall employ a licensed solid waste facility supervisor before operating	Required in Part I Form	330.59(f)(3)		Page D-2		Part I Form
99	Part I	Names of principals & supervisors owner or operators organization together with previous affiliations with other organizations involved with solid waste activities	Required in Part I Form	330.59(f)(4)		Page D-2		Part I Form
101	Part I	Signatory meets 305.44, documentation of delegated signatory authority	Required in Part I Form	330.59(g)		Page E-2		Part I Form
102	Part I	Corporations – signed by a corporate officer	Required in Part I Form			N/A		Part I Form
103	Part I	Partnership or proprietorship –signed by a general partner or proprietor	Required in Part I Form			N/A		Part I Form
104	Part I	Municipality, public agency –signed by an executive officer or elected official	Required in Part I Form			Page E-2		Part I Form
105	Part I	Signatory certification statement	Required in Part I Form			page E-2		Part I Form
106	Part I	Hazardous Waste Management	Required in Part I Form	305.45(a)(7)(A)		Page 3		Part I Form
107	Part I	Underground Injection Control	Required in Part I Form	305.45(a)(7)(B)		Page 3		Part I Form
108	Part I	NPDES	Required in Part I Form	305.45(a)(7)(C)		Page 3		Part I Form
109	Part I	Prevention of Significant Deterioration	Required in Part I Form	305.45(a)(7)(D)		Page 3		Part I Form
110	Part I	Nonattainment Program	Required in Part I Form	305.45(a)(7)(E)		Page 3		Part I Form
111	Part I	NESHAPS	Required in Part I Form	305.45(a)(7)(F)		Page 3		Part I Form
112	Part I	Ocean dumping permit	Required in Part I Form	305.45(a)(7)(G)		Page 3		Part I Form
113	Part I	Dredge & fill permit	Required in Part I Form	305.45(a)(7)(H)		Page 3		Part I Form
114	Part I	Licenses under the TRCA	Required in Part I Form	305.45(a)(7)(I)		Page 3		Part I Form
115	Part I	Other environmental permits	Required in Part I Form	305.45(a)(7)(K)		Page 3		Part I Form
116	Part I	Registration Application Fee is $150.00	Required in Part I Form	330.59(h)(1)		$150 fee paid via check.		

117	Part I	A copy of the payment receipt to the MSW Permits Section, if paid by check.	Required in Part I Form	330.59(h)(1)		Appendix I-G		Part I Form
118	Part I	Prepared by PE, PG, or qualified person	Required in Part I Form	330.57(f)		See Comment.	This application was preparted by a PE, PG, or qualified person. A PE seal has been provided on the revisions cover page.	Part I Form
119	Part I	Description of facility & systems	Required in Part I Form	305.45(a)(8)(A)		Page 5		Part I Form
120	Part I	Volume, average & max rate of disposal for each place of disposal	Required in Part I Form	305.45(a)(8)(B)(i)		Page 5		Part I Form
121	Part I	Physical, chemical, thermal, organic, bacteriological, radiological properties of waste	Required in Part I Form	305.45(a)(8)(B)(ii)		See Comment.	See Waste Acceptance Plan in Part II, Section 3.	Part I Form
122	Part I	Other reasonable information	Required in Part I Form	305.45(a)(8)(C)		Will provide as requested.		Part I Form
123	Part II	Provide the sources and characteristics of all waste to be accepted.	Required	330.61(b)(1)	Yes	Page II-1		Waste Acceptance Plan
124	Part II	Specify parametric limitations of each type of waste to be managed by the facility	Required	330.61(b)(1)	Yes	Page II-2		Waste Acceptance Plan
125	Part II	Provide a brief description of the general sources and generation areas contributing wastes to the facility. This description shall include an estimate of the population or population equivalent served by the facility	Required	330.61(b)(1)(A)	Yes	Page II-1		Waste Acceptance Plan
127	Part II	Provide the maximum amount of solid waste to be received daily and annually projected for five years. Provide the maximum amount of solid waste to be stored and the maximum and average lengths of time that solid waste is to remain at the facility. Provide the intended destination of the solid waste received at this facility	Required	330.61(b)(1)(B)	Yes	Page II-3		Waste Acceptance Plan
129		Provide information to establish why a facility qualifies for a registration in accordance with 30 TAC §330.9	Required	330.61(b)(2)	Yes	Page II-4		
130	Part II	Provide any site specific conditions that require special design considerations & possible mitigation of conditions identified under sections (h) – (q)	Required	330.61(a)	Yes	Page II-1		Facility Impact
131	Part II	Provide information regarding the likely impacts of the facility on cities, communities, groups of property owners, or individuals.	Required	330.61(h)	Yes	Page II-5		Facility Impact
132	Part II	Provide information on the compatibility of the facility with surrounding land use, zoning in the vicinity, community growth patterns, and other factors associated with the public interest.	Required	330.61(h)	Yes	Page II-5		Facility Impact
133	Part II	Provide information on the character of surrounding land use within one mile	Required	330.61(h)(2)	Yes	Page II-6		Existing Conditions
134	Part II	Provide information about the growth trends within five miles & directions of development	Required	330.61(h)(3)	Yes	Page II-6		Existing Conditions
135	Part II	Indicate the proximity to residences & items listed in 330.61(c)(4) & (12), ~ no. of residences & commercial establishments including direct & distance to nearest, population density, all within one mile	Required	330.61(h)(4)	Yes	Page II-6		Existing Conditions
136	Part II	Indicate all wells and the well density within 500 ft.	Required	330.61(h)(5)	Yes	Page II-7		Existing Conditions
137	Part II	Provide any other information requested by the ED	Required	330.61(h)(6)	Yes	N/A	No other information has been requested at this time.	Existing Conditions
138	Part II	Provide data on availability & adequacy of access roads	Required	330.61(i)(1)	Yes	Page II-7		Transportation
139	Part II	Provide the existing & expected traffic volumes on access roads within one mile of the facility during the expected life of the facility	Required	330.61(i)(2)	Yes	Page II-7		Transportation
146	Part II	Provide notice to the airport & the FAA for MSW units within 6 miles of a small airport or within 5 miles of a large commercial airport.	Required	330.545(b)	Yes	Page II-7		Transportation
148	Part II	Discuss in general terms the geology and soils of the proposed site	Required	330.61(j)(1)	Yes	Page II-8		Geology
152	Part II	Provide data on site specific groundwater conditions	Required	330.61(k)(1)	Yes	Page II-8		Groundwater and Surface Water
153	Part II	Provide data on surface water at or near the site	Required	330.61(k)(2)	Yes	Page II-8		Groundwater and Surface Water
154	Part II	Provide information on how facility will comply with applicable Texas Pollutant Discharge Elimination System (TPDES) storm water permitting requirements and the Clean Water Act, §402, as amended.. This may include the information requires by 30 TAC 330.61(k)(3)(A) & (B)	Required	330.61(k)(3)	Yes	Page II-8		Groundwater and Surface Water
155	Part II	As applicable, provide a certification statement indicating the owner/operator will obtain the appropriate TPDES permit coverage when required	Required	330.61(k)(3)(A)	Yes	Page II-8	References current permit and that facility will comply with TPDES programs/requirements.	Groundwater and Surface Water
157	Part II	Provide the location of any water wells.	Required	330.61(l)(1)	Yes	Page II-8		Abandoned Oil and Water Wells

160	Part II	Provide the location of oil & gas wells production wells may remain if identified & don't disrupt operations	Required	330.61(l)(2)	Yes	Page II-8		Abandoned Oil and Water Wells
162	Part II	Indicate if the facility is within the 100yr floodplain. If facility within a floodplain see location restrictions in 30 TAC Chapter 330 Subchapter M	Required	330.61(m)(1)	Yes	Page II-9		Floodplains and Wetlands
166	Part II	Provide a demonstration of whether facility is located within species range and provide a biological assessment.	Required	330.61(n)(2)	Yes	Page II-11		Endangered Species
166	Part II	Provide a demonstration of whether facility is located within species range and provide a biological assessment. If the WWTP permit contains a coordination and a review letter from the United States Fish and Wildlife Service and the Texas Parks and Wildlife Department, the owner or operator shall submit these documents as an attachment/appendix to the registration application and by referencing where this information is addressed in the WWTP Permit and/or permit application.	Required	330.61(n)(2)	Yes	Page II-11		Endangered Species
167	Part II	Provide documentation of compliance with Natural Resource Code, Chapter 191 (Texas Antiquities Code)	Required	330.61(o)	Yes	Page II-11		Historical Commission
167	Part II	Provide documentation of compliance with Natural Resource Code, Chapter 191 (Texas Antiquities Code). If the WWTP permit contains coordination and a review letter from the Texas Historical Commission, the owner or operator shall submit these documents as an attachment/appendix to the registration application and by referencing where this information is addressed in the WWTP Permit and/or permit application.	Required	330.61(o)	Yes	Page II-11		Historical Commission
168	Part II	Provide documentation that Parts I and II of the application were submitted for review to the applicable council of governments for compliance with regional solid waste plans.	Required	330.61(p)	Yes	Page II-11		COG Review
170	Part II	Provide a constructed map showing boundary, zoning, & land use within one mile including info from 330.61(c)(4), (5), & (10) (schools, hospitals, etc.)	Required	330.61(g)	Yes	Figure 2-2		Maps/Drawings
171	Part II	Provide the prevailing wind direction with a wind rose.	Required	330.61(c)(1)	Yes	Figure 2-4		Maps/Drawings
172	Part II	Provide the location of all known water wells within 500 feet of the proposed permit boundary with the state well numbering system designation for Water Development Board "located wells".	Required	330.61(c)(2)	Yes	Figure 2-3		Maps/Drawings
173	Part II	Provide the location of all structures and inhabitable buildings within 500 feet of the facility	Required	330.61(c)(3)	Yes	Figure 2-3		Maps/Drawings
174	Part II	Provide the location of all schools, licensed day-cares, churches, hospitals, cemeteries, ponds, lakes, residential, commercial, & recreational areas within one mile of the facility	Required	330.61(c)(4)	Yes	Figure 2-2		Maps/Drawings
175	Part II	Provide the location and surface type of roads used for access within one mile of the facility	Required	330.61(c)(5)	Yes	Figure 2-2		Maps/Drawings
176	Part II	Provide the latitude & longitude of the facility	Required	330.61(c)(6)	Yes	Figure 2-3		Maps/Drawings
177	Part II	Provide the location of all area streams	Required	330.61(c)(7)	Yes	Figure 2-2		Maps/Drawings
178	Part II	Provide the location of all airports within six miles	Required	330.61(c)(8)	Yes	Figure 2-2		Maps/Drawings
179	Part II	Indicate the property boundary of facility	Required	330.61(c)(9)	Yes	Figure 2-3		Maps/Drawings
180	Part II	Indicate all drainage, pipeline, and utility easements within & adjacent to the facility	Required	330.61(c)(10)	Yes	Figure 2-5		Maps/Drawings
181	Part II	Provide the location of all access control features	Required	330.61(c)(11)	Yes	Figure 2-3		Maps/Drawings
182	Part II	Provide the location of all archaeological sites, historical sites, and sites with an aesthetic quality adjacent to the facility	Required	330.61(c)(12)	Yes	Figure 2-3		Maps/Drawings
183	Part II	Provide a facility layout map	Required	330.61(d)	Yes	Figure 2-5		Maps/Drawings
186	Part II	Provide the location of interior roads	Required	330.61(d)(2)	Yes	Figure 2-5		Maps/Drawings
187	Part II	Indicate the location of monitor wells	Required	330.61(d)(3)	Yes	N/A	No monitor wells exist at this arid exempt facility.	Maps/Drawings
188	Part II	Provide the location of all facility buildings	Required	330.61(d)(4)	Yes	Figure 2-3		Maps/Drawings
189	Part II	Provide notes on sequence of development	Required	330.61(d)(5)	Yes	N/A	There will not be a sequence of development.	Maps/Drawings
190	Part II	Indicate the location of all facility fencing	Required	330.61(d)(6)	Yes	Figure 2-5		Maps/Drawings
196	Part II	Indicate the dimensions of cells	Required	330.61(d)(9)(D)	Yes	N/A	Cited rule is for landfills.	Maps/Drawings

197	Part II	Indicate the maximum waste elevation & final cover	Required	330.61(d)(9)(E)	Yes	N/A	Cited rule is for landfills.	Maps/Drawings
198	Part II	Provide a general topographic maps: USGS 7.5 minute or equivalent one map at scale 1 in. = 2,000 ft.	Required	330.61(e)	Yes	Figure 2-6		Maps/Drawings
199	Part II	Provide Aerial Photograph(s) that are at least 9 in. by 9 in. at scale range of one inch = 1,667-3,334 ft. that covers an area at least one mile in radius of the site. Facility boundary and fill areas (as applicable) must be shown.	Required	330.61(f)	Yes	Figure 2-7		Maps/Drawings
211	Part II	Demonstrate that, a facility located in 100 year flood plains, does not restrict the flow of the 100 yr. flood, reduce temporary storage capacity, or result in washout of solid waste so as to pose a hazard to human health and the environment	Required	330.547(b)	Yes	N/A	The facility is not located in 100 year flood plains.	Floodplains and Wetlands
212	Part II	Demonstrate that storage and processing facilities are located outside of the 100 year floodplain.	Required	330.547(c)	Yes	Page II-9		Floodplains and Wetlands
213	Part II	For storage and processing facilities located within the 100 year floodplain, please provide a demonstration that the facility is designed to prevent washout during a 100 year storm event, or a conditional letter of map amendment from the Federal Emergency Management Administration administrator	Required	330.547(c)	Yes	N/A	The facility is not located in 100 year flood plains.	Floodplains and Wetlands
215	Part II	Demonstrate, if located within wetlands, that there is no practicable alternative location	Required	330.553(b)(1)	Yes	N/A	The facility is not located within wetlands.	Floodplains and Wetlands
217	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing erosion, stability, & migration potential of native wetland soils, muds, and deposits used to support the landfill unit	Required	330.553(b)(3)(A)	Yes	N/A	The facility is not located within wetlands.	Floodplains and Wetlands
218	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing erosion, stability, & migration potential of dredged and fill materials used to support the landfill	Required	330.553(b)(3)(B)	Yes	N/A	The facility is not located within wetlands.	Floodplains and Wetlands
219	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing the volume and chemical nature of the waste managed in the landfill unit	Required	330.553(b)(3)(C)	Yes	N/A	The facility is not located within wetlands.	Floodplains and Wetlands
220	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing the impacts on fish, wildlife, and other aquatic resources and their habitat for the release of solid waste	Required	330.553(b)(3)(D)	Yes	N/A	The facility is not located within wetlands.	Floodplains and Wetlands
221	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing the potential effects of catastrophic release of waste to the wetlands and the resulting impacts on the environment	Required	330.553(b)(3)(E)	Yes	N/A	The facility is not located within wetlands.	Floodplains and Wetlands
222	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing any additional factors, as necessary, to demonstrate that ecological resources in the wetland are sufficiently protected	Required	330.553(b)(3)(F)	Yes	N/A	The facility is not located within wetlands.	Floodplains and Wetlands
224	Part II	Provide the steps taken to achieve no net loss of wetlands	Required	330.553(b)(4)	Yes	N/A	The facility is not located within wetlands.	Floodplains and Wetlands
268	Part II	Submit information for on-site local geologic or geomorphologic features	Required	330.559(2)	Yes	Page II-8		Geology
269	Part II	Identify local human-made features or events	Required	330.559(3)	Yes	Page II-8		Geology
270	Part III	Describe facility access control features	Required	330.63(b)(1)	Yes	Page III-1		General Facility
271	Part III	Submit a process design for the facility [that includes items 330.63(b)(2)(A) through 330.63(b)(2)(I)]	Required	330.63(b)(2)	Yes	Page III-1		General Facility Design
272	Part III	Submit a flow diagram(s) to describe the storage, processing, and disposal sequences for each type of waste and/or	Required	330.63(b)(2)(A)	Yes	Figure 3-6		General Facility Design
273	Part III	Submit a schematic view drawing(s) showing phases for collection, separation and processing/disposal of each type of waste and/or feedstock/recyclable material	Required	330.63(b)(2)(B)	Yes	N/A	There will be no storage or waste processing.	General Facility Design
274	Part III	Provide ventilation & odor control measures for each unit	Required	330.63(b)(2)(C)	Yes	Page III-1		General Facility
275	Part III	Provide construction details of storage, processing units & components, dimensions, capacity, materials used, etc.	Required	330.63(b)(2)(D)	Yes	Page III-2		General Facility Design
276	Part III	Provide performance data for all storage and processing units and ancillary equipment	Required	330.63(b)(2)(D)	Yes	N/A	There will be no storage or waste processing.	General Facility

278	Part III	Submit location and engineering designs for containment of storage, processing and loading & unloading areas including freeboard	Required	330.63(b)(2)(F)	Yes	Page III-2		General Facility Design
279	Part III	Describe the storage and handling of grease, oil and sludge, including the maximum time waste will be on-site and details of ultimate disposition	Required	330.63(b)(2)(G)	Yes	N/A	There will be no storage or waste processing.	General Facility Design
280	Part III	Provide details of effluent disposal	Required	330.63(b)(2)(H)	Yes	Page III-2		General Facility
281	Part III	Provide designs for noise pollution control	Required	330.63(b)(2)(I)	Yes	Page III-2		General Facility
282	Part III	Describe how the processing areas will be designed for proper cleaning and to prevent surface water runoff onto, into, and off the treatment areas	Required	330.63(b)(3)(A)	Yes	Page III-2		General Facility Design
283	Part III	Describe construction material used for walls and floors that can be hosed down and scrubbed	Required	330.63(b)(3)(B)	Yes	Page III-2		General Facility Design
284	Part III	Describe water or steam connections and equipment for cleaning	Required	330.63(b)(3)(C)	Yes	Page III-2		General Facility
285	Part III	Provide adequate floor drains and/or sumps	Required	330.63(b)(3)(D)	Yes	Page III-2		General Facility Design
286	Part III	Describe proper disposal of liquids resulting from waste processing, cleaning, and washing and provide for the treatment of waste water	Required	330.63(b)(4)	Yes	Page III-2		General Facility Design
339	Part III	Provide for storage & transfer units a description of design features for the rapid processing and minimum detention of solid waste at the facility	Required	330.63(d)(1)(A)	Yes	Page III-3		Waste Management Unit Design
545	Part III	Indicate that a characterization of the contaminated groundwater, including concentrations of assessment constituents as defined in §330.409	Required	330.63(f)(7)(A)	Yes	N/A	Cited rule is for landfills.	Groundwater Sampling & Analysis Plan
701	Part III	Specify in the closure plan that the operator will begin closure no later than 30 days after final receipt of waste or no later than one year if the unit has remaining capacity and additional waste may be received	Required	330.457(f)(3)	Yes	N/A	Cited rule is for landfills.	Closure Plan
702	Part III	Provide for closure activities to be completed within 180 days of initiation	Required	330.457(f)(4)	Yes	N/A	Cited rule is for landfills.	Closure Plan
706	Part III	Indicate that notice of closure will be published in the newspaper of largest circulation 90 days prior to the initiation of a final facility closure. The notice shall provide the name, address, and physical location of the facility; the TCEQ authorization number; and the last date of intended receipt of waste.	Required	330.461(a)	Yes	Page O-2		Closure Plan
709	Part III	Indicate that suitable barriers will be installed at all access points to adequately prevent the unauthorized dumping of solid waste at the closed facility.	Required	330.461(b)	Yes	Page O-2		Closure Plan
714	Part III	Submit a closure plan for Storage and Processing units to remove all waste, waste residues, and any recovered materials. Units shall be dismantled and removed off-site or decontaminated.	Required	330.459(a)	Yes	N/A	There will be no storage or waste processing.	Closure Plan For Processing Facilities
715	Part III	Provide plans for the evacuation of all material on-site to an authorized facility and the disinfecting of all contaminated water handling units, tipping areas, processing and post-processing areas (as applicable)	Required	330.459(b)	Yes	N/A	There will be no storage or waste processing.	Closure Plan For Processing Facilities
717	Part III	Submit a plan (if combustible material is stored outdoors) for closure of a recycling facility that includes collecting processed and unprocessed materials, and transporting the materials to an authorized facility for disposition	Required	330.459(d)(1)	Yes	N/A	Combustible materials will not be stored outdoors.	Closure Plan For Processing Facilities
718	Part III	Provide for the closure plan to be implemented (if combustible material is stored outdoors) and completed within 180 days following the most recent acceptance of processed or unprocessed materials	Required	330.459(d)(2)	Yes	N/A	Combustible materials will not be stored outdoors.	Closure Plan For Processing Facilities
737	Part III	Submit cost estimates for closure & post-closure. Existing facilities must submit a copy of the financial assurance documentation. New facilities must submit financial assurance within 60 days prior to receipt of waste	Required	330.63(j)	Yes	N/A	Combustible materials will not be stored outdoors and the facility does not pose a significant risk to public health and safety.	Closure Cost Estimates
742	Part III	Provide cost estimates to close a Recycling facility that stores combustible materials outdoors.	Required	330.505(a)(1)	Yes	N/A	Combustible materials will not be stored outdoors and the facility does not pose a significant risk to public health and safety.	Closure Cost Estimates
743	Part III	Provide a closure cost estimate that equals the costs of closure of the facility, including disposition of the maximum inventories of all waste; processed and unprocessed combustible materials stored outdoors on site during the life of the facility	Required	330.505(a)(2)(A)	Yes	N/A	Combustible materials will not be stored outdoors and the facility does not pose a significant risk to public health and safety.	Closure Cost Estimates

744	Part III	Provide a closure cost estimate that is based on the costs of hiring a third party that is not affiliated with the owner or operator; and is based on a per cubic yard and/or short ton measure for collection and disposition costs.	Required	330.505(a)(2)(B-(C)	Yes	N/A	Combustible materials will not be stored outdoors and the facility does not pose a significant risk to public health and safety.	Closure Cost Estimates
745	Part III	Provide for the closure cost estimate & financial assurance to be increased if conditions change which increase the maximum cost of closure at any time during the active life of the facility	Required	330.505(a)(3)	Yes	N/A	Combustible materials will not be stored outdoors and the facility does not pose a significant risk to public health and safety.	Closure Cost Estimates
747	Part III	Provide for the maintenance of financial assurance for Recycling facilities that store combustible materials outdoors or that pose a risk	Required	330.505(b)(1)	Yes	N/A	Combustible materials will not be stored outdoors and the facility does not pose a significant risk to public health and safety.	Closure Cost Estimates
748	Part III	Provide for the maintenance of financial assurance until closure is approved by ED.	Required	330.505(b)(2)	Yes	N/A	Combustible materials will not be stored outdoors and the facility does not pose a significant risk to public health and safety.	Closure Cost Estimates
785	Part IV	Indicate that the facility will provide the reports required by 30 TAC §330.675 to the Executive Director	Required	330.675	Yes	N/A	Cited rule is for landfills.	Site Operating Plan
988	Part IV	Provide information identifying any permit required under the TPDES and any permit requirements imposed by other agencies for a grease, grit, & septage processing facility	Required	330.65(d)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
989	Part IV	Identify source & characteristics of wastes that will be received and Specify any limiting parameters that may influence the design and operation of the facility	Required	330.203(a)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
990	Part IV	Provide estimate of the amount of each waste to be received daily, max amount stored at any one time, max & average time waste will remain on-site, max & average processing time, intended destination of generated wastes, & description of how 10% will be recovered if applicable	Required	330.203(b)	Yes	Page IV-8		Site Operating Plan
992	Part IV	Provide a description of the method of sampling and analysis for the effluent discharged to a trap, interceptor, or treatment facility permitted under Texas Water Code, Chapter 26. At a minimum, the method of sampling, the frequency of sampling, and the tests to be made shall be part of the sampling and analysis plan. All sampling and analysis shall be done according to approved United States Environmental Protection Agency (EPA) methods.	Required	330.203(c)(1)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
993	Part IV	Indicate that records of sampling analysis of wastes and effluent shall be maintained for a three-year period.	Required	330.203(c)(1)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
994	Part IV	Provide a sampling and analysis plan that includes at minimum analyses for benzene, lead, & TPH for waste received	Required	330.203(c)(2)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
995	Part IV	Provide for the annual analysis of grit trap wastes for BOD, TSS, benzene, TPH, & lead	Required	330.203(c)(2)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
996	Part IV	Indicate that sludges to be landfilled must be analyzed annually for benzene, lead, & TPH.	Required	330.203(c)(2)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
997	Part IV	Indicate that effluent must be analyzed annually for TPH, fats, oil & grease, & pH	Required	330.203(c)(2)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
1001	Part IV	Provide for a quarterly report to be submitted that will include volume of waste received, percent solids, and the method of determining the percent solids, processed, disposed, and recycled or reused.	Required	330.9(g)(1)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
1002	Part IV	Provide in the quarterly report, the method(s) utilized to achieve at least 10% recycling or reuse of incoming material	Required	330.9(g)(1)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
1003	Part IV	Submit a quarterly report that reconciles the volume of waste with the amounts on manifests, shipping documents, or trip tickets and indicate where the recyclable material was taken for recycling.	Required	330.9(g)(1)	Yes	N/A	There will be no storage or waste processing.	Site Operating Plan
1006	Part IV	Provide the characteristics and constituent concentrations of wastes generated by the facility and indicate that documentation that all wastes leaving the facility can be adequately managed by other authorized facilities will be provided	Required	330.205(a)	Yes	Page IV-8		Site Operating Plan
1007	Part IV	Indicate that all wastes generated by a facility must be processed or disposed at an authorized solid waste management facility	Required	330.205(b)	Yes	Page IV-8		Site Operating Plan
1008	Part IV	Indicate that all wastewaters generated by a facility shall be managed as contaminated water in accordance with 330.207	Required	330.205(c)	Yes	Page IV-8		Site Operating Plan
1013	Part IV	Provide a plan that describes how all liquids resulting from the operation of the facility shall be disposed of in a manner that will not cause surface water or groundwater pollution.	Required	330.207(a)	Yes	Page IV-8		Site Operating Plan

1014	Part IV	Indicate that contaminated water shall be collected and contained until properly managed.	Required	330.207(b)	Yes	Page IV-8		Site Operating Plan
1015	Part IV	Indicate that leachate shall be collected and contained until properly managed.	Required	330.207(b)	Yes	Page IV-8		Site Operating Plan
1018	Part IV	Indicate that the use of leachate & gas condensate in mining process is prohibited.	Required	330.207(c)	Yes	N/A	This is not a mining process.	Site Operating Plan
1019	Part IV	Indicate that the facility will not discharge to a septic system	Required	330.207(d)	Yes	N/A	This facility will not process grease trap waste, grit trap waste or septage.	Site Operating Plan
1020	Part IV	Indicate that off-site discharge of contaminated waters shall be made only after approval under the Texas Pollutant Discharge Elimination System authority	Required	330.207(e)	Yes	Page IV-9		Site Operating Plan
1022	Part IV	Indicate that the daily effluent design standard for oil and grease concentration leaving the facility and entering a public sewer system shall not exceed 200 milligrams per liter, the concentration established in the wastewater discharge permit pretreatment limit or the concentration established by the treatment facility permitted under Texas Water Code, Chapter 26, the National Pollutant Discharge Elimination System, or the limits established in 30 TAC §330.207, if the discharge points do not require compliance with locally set limits.	Required	330.207(g)	Yes	N/A	There will be no oil and grease concentration leaving the facility and entering a public sewer system.	Site Operating Plan
1023	Part IV	Indicate that lagoons, open-top storage tanks, open vessels, and underground storage units are prohibited at liquid waste transfer facilities	Required	330.207(h)	Yes	N/A	This is not a liquid waste transfer station.	Site Operating Plan
1024	Part IV	Provide plans demonstrating that all waste shall be stored in such a manner that it does not constitute a fire, safety, or health hazard or provide food or harborage for animals and vectors, and shall be contained or bundled so as not to result in litter	Required	330.209(a)	Yes	N/A	There will be no storage of wastes.	Site Operating Plan
1027	Part IV	Provide a plan that describes how all waste containing food wastes shall be stored in covered or closed containers that are leak-proof, durable, and designed for safe handling and easy cleaning	Required	330.211	Yes	Page IV-9		Site Operating Plan
1028	Part IV	Indicate that nonreusable containers shall be of suitable strength to minimize vector scavenging or rupturing.	Required	330.211(1)	Yes	Page IV-9		Site Operating Plan
1029	Part IV	Indicate that reusable containers must be maintained in a clean condition as not to constitute a nuisance, harbor, feed, and propagate vectors.	Required	330.211(2)	Yes	Page IV-9		Site Operating Plan
1030	Part IV	Indicate that any containers emptied manually must be capable of being serviced without physical contact with waste.	Required	330.211(2)(A)	Yes	Page IV-9		Site Operating Plan
1031	Part IV	Indicate that containers that are mechanically handled must be designed to prevent spillage/leakage during storage, handling, and transport.	Required	330.211(2)(B)	Yes	Page IV-9		Site Operating Plan
1036	Part IV	Indicate that a copy of the permit or registration, application, and any other plans or related documents, and as-built plans will be maintained in the site operating record and shall be made available for inspections by agency representatives or other interested parties	Required	330.219(a)	Yes	Page IV-9		Site Operating Plan
1037	Part IV	Indicate that operator shall record & retain location restriction demonstrations, inspection records, training procedures, closure plans, monitoring, testing, analytical data relating to closure, cost estimates, financial assurance documents, all correspondence, modification, approvals, manifests, shipping documents, tickets relating to special waste, & documents as specified by the executive director in the operating record	Required	330.219(b)(1) – (7)	Yes	Page IV-10		Site Operating Plan
1038	Part IV	Indicate that trip tickets will be maintained according to the record retention provisions in 30 TAC §312.145.	Required	330.219(b)(8)	Yes	Page IV-10		Site Operating Plan

1039	Part IV	Indicate that recordkeeping provisions to justify, on a quarterly basis, that the relevant percentage of the incoming waste is processed to recover recycled products for applicable facilities, that failure to achieve the relevant percent recycling rate in any two quarters within any one-year period will cause a change in a facility's status and require the owner or operator of the facility to obtain a registration or permit, as appropriate, to continue facility operations and that the owner or operator shall submit an annual report to the executive director by March 1st summarizing the recycling activities and percent of incoming solid waste that was recycled during the past calendar year	Required	330.219(b)(9)	Yes	Page IV-10		Site Operating Plan
1040	Part IV	Indicate that all reports will be signed by a person who is a duly authorized as a signatory for reports. A person is duly authorized if authorized in in writing by the owner or operator in accordance with 30 TAC §305.44(a) and the authorization specifies individual or position with responsibility and this written authorization is submitted to the executive director.	Required	330.219(c)(1)(A) - (C)	Yes	Page IV-11		Site Operating Plan
1042	Part IV	Indicate that any person signing a report shall make the certification in 305.44(b).	Required	330.219(c)(3)	Yes	Page IV-11		Site Operating Plan
1043	Part IV	Indicate that the operator shall maintain records on-site, available for inspection by the executive director for a period consisting of the two most recent calendar years	Required	330.219(d)	Yes	N/A	This rule is for composting and mining facilities (not proposed at this facility).	Site Operating Plan
1045	Part IV	Indicate that the results of final product testing under 30 TAC §330.613 or §332.71 will be maintained in the site operating record	Required	330.219(d)(2)	Yes	N/A	This rule is for composting and mining facilities (not proposed at this facility).	Site Operating Plan
1046	Part IV	Indicate that copies of annual reports will be maintained in the site operating record for 5yrs	Required	330.219(d)(3)	Yes	N/A	This rule is for composting and mining facilities (not proposed at this facility).	Site Operating Plan
1047	Part IV	Indicate that the site operating record shall be furnished and available for inspection by executive director.	Required	330.219(e)	Yes	Page IV-11		Site Operating Plan
1048	Part IV	Indicate that the operator shall retain site operating record for the life of the facility.	Required	330.219(f)	Yes	Page IV-11		Site Operating Plan
1049	Part IV	Indicate that the executive director may set alternative recordkeeping & notification schedules.	Required	330.219(g)	Yes	Page IV-11		Site Operating Plan
1051	Part IV	Provide a fire protection plan that describes the source of fire protection (a local fire department, fire hydrants, fire extinguishers, water tanks, water well, etc.), procedures for using the fire protection source, and employee training and safety procedures. The fire protection plan shall comply with local fire codes.	Required	330.221(c)	Yes	Page IV-11		Site Operating Plan
1052	Part IV	Provide a description of the availability of water under pressure for firefighting purposes	Required	330.221(a)	Yes	Page IV-12		Site Operating Plan
1053	Part IV	Provide a description of on-site firefighting equipment	Required	330.221(b)	Yes	Page IV-12		Site Operating Plan
1054	Part IV	Indicate that all employees shall be trained in the contents and use of the fire protection plan	Required	330.221(c)	Yes	Page IV-12		Site Operating Plan
1055	Part IV	Provide a description of the artificial barriers, natural barriers, or a combination of both, appropriate to protect human health and safety and the environment that are used to control access to the facility and indicate that uncontrolled access to the facility shall be prevented.	Required	330.223(a)	Yes	N/A	Cited rule is for storage and waste processing units (not proposed at this facility).	Site Operating Plan
1056	Part IV	Provide a description of the, minimum two lane, access road from the public road and how it is designed for expected traffic volumes and adequate turning radii.	Required	330.223(b)	Yes	Page IV-13		Site Operating Plan
1057	Part IV	Provide a description of vehicle parking for equipment, employees, and visitors. Indicate that safety bumpers at hoppers must be provided for vehicles. And provide a description of the positive means to control dust and mud.	Required	330.223(b)	Yes	N/A	Cited rule is for storage and waste processing units (not proposed at this facility).	Site Operating Plan
1058	Part IV	Provide a description of perimeter control fencing that includes having lockable gates and attendant on site during operating hours. Operating and transport areas shall be enclosed by walls or fencing.	Required	330.223(c)	Yes	N/A	Cited rule is for storage and waste processing units (not proposed at this facility).	Site Operating Plan
1059	Part IV	Provide a description of the unloading areas and indicate that unloading areas will be confined to as small an area as practical and be monitored by attendant.	Required	330.225(a)	Yes	Page IV-14		Site Operating Plan

1060	Part IV	Provide a description of the signs & forced access lanes used to prevent indiscriminate dumping	Required	330.225(a)	Yes	Page IV-15		Site Operating Plan
1061	Part IV	Indicate that the facility is not required to accept any solid waste that he/she determines will cause or may cause problems in maintaining full and continuous compliance	Required	330.225(a)	Yes	Page IV-14		Site Operating Plan
1062	Part IV	Provide procedures to ensure that waste in unauthorized areas is removed immediately and disposed of properly.	Required	330.225(b)	Yes	Page IV-14		Site Operating Plan
1063	Part IV	Provide procedures for the detection and prevention of the unloading of processing of prohibited wastes.	Required	3330.225©	Yes	Page IV-14		Site Operating Plan
1064	Part IV	Indicate that prohibited waste must be returned immediately to the transporter or generator.	Required	330.225(c)	Yes	Page IV-14		Site Operating Plan
1065	Part IV	Provide a description of how storage & processing areas are designed to control and contain worst case spill or release and will account for precipitation from a 25-year, 24-hour storm.	Required	330.227	Yes	Page IV-15		Site Operating Plan
1066	Part IV	Specify the waste acceptance and facility operating hours	Required	330.229(a)	Yes	Page IV-15		Site Operating Plan
1067	Part IV	The waste acceptance hours may be any time between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday, unless otherwise approved by the executive director or commission for a permit. The operating hours for operating heavy equipment and transporting materials on- or off-site may be any time between the hours of 5:00 a.m. and 9:00 p.m., Monday through Friday, unless otherwise approved in the authorization.	Required	330.229(a)	Yes	Page IV-15		Site Operating Plan
1068	Part IV	Specify alternative operating hours of up to five days in a calendar year to accommodate special occasions, special purpose events, holidays, or other special occurrences	Required	330.229(b)	Yes	Page IV-15		Site Operating Plan
1069	Part IV	Indicate that the facility will record in the site operating record the dates, times, and duration when any alternative operating hours are utilized.	Required	330.229(d)	Yes	Page IV-10		Site Operating Plan
1070	Part IV	Indicate that the commission's regional offices may allow additional temporary operating hours to address disaster or other emergency situations, or other unforeseen circumstances that could result in the disruption of waste management services in the area.	Required	330.229(c)	Yes	Page IV-16		Site Operating Plan
1071	Part IV	Indicate that a sign measuring at least 4' X 4' must be displayed at all entrances. Indicate that information on the sign must including the facility name and type, hours and days of operation, authorization number, and facility rules.	Required	330.231	Yes	Page IV-16		Site Operating Plan
1072	Part IV	Indicate that windblown material and litter shall be collected as necessary, throughout the facility, along fences and access roads, and at the gate, at least once per day on days that the facility is in operation, to minimize unhealthy, unsafe, or unsightly conditions.	Required	330.233(a)	Yes	Page IV-17		Site Operating Plan
1073	Part IV	Indicate the measures used to control windblown waste.	Required	330.233(a)(1)	Yes	Page IV-17		Site Operating Plan
1074	Part IV	Provide a description of fence or screen used to minimize windblown waste if the facility is not completely enclosed.	Required	330.233(b)	Yes	N/A	The facility will be completely enclosed.	Site Operating Plan
1075	Part IV	Provide procedures to encourage waste hauling vehicles to cover loads that may include posting signs, reporting offenders, and assessing surcharges.	Required	330.235	Yes	Page IV-17		Site Operating Plan
1077	Part IV	Provide a description of all weather access roads at the facility and how the tracking of mud and debris onto public roadways will be minimized.	Required	330.237(a)	Yes	Page IV-17		Site Operating Plan
1078	Part IV	Provide procedures use to ensure that dust from on-site and other access roadways shall not become a nuisance to surrounding areas and indicate that a water source and necessary equipment or other means of dust control shall be provided.	Required	330.237(b)	Yes	Page IV-17		Site Operating Plan
1079	Part IV	Provide procedures to be used to maintain on site roads and minimize depressions, ruts, and potholes.	Required	330.237(c)	Yes	Page IV-17		Site Operating Plan
1080	Part IV	Describe screening or other means used to prevent noise pollution & adverse visual impacts.	Required	330.239	Yes	Page IV-18		Site Operating Plan

1081	Part IV	Provide procedures used to ensure that the design capacity of the facility shall not be exceeded and that waste will not be allowed to accumulate in quantities that create a nuisance, create odors, or harbor vectors.	Required	330.241(a)	Yes	Page IV-18		Site Operating Plan
1082	Part IV	Provide procedures that describe how unprocessed grease, grit, & septage will only be stored up to 72hrs.	Required	330.241(a)(1)	Yes	N/A	These wastes may not be accepted.	Site Operating Plan
1083	Part IV	Provide procedures that provide for the restriction, diversion or removal of waste if the facility experiences a significant work stoppage.	Required	330.241(b)	Yes	Page IV-18		Site Operating Plan
1084	Part IV	Provide an alternative processing/disposal procedures for when facility is inoperable for more than 24hrs.	Required	330.241(c)	Yes	Page IV-18		Site Operating Plan
1085	Part IV	Provide procedures for washing down all working surfaces in contact with waste at least weekly or twice per week for facilities that operate continuously.	Required	330.243(a)	Yes	Page IV-18		Site Operating Plan
1086	Part IV	Provide procedures to ensure that wash water shall not be allowed to accumulate without proper treatment.	Required	330.243(b)	Yes	Page IV-18		Site Operating Plan
1087	Part IV	Provide procedures that demonstrate that wash water shall be collected & disposed of in an authorized manner.	Required	330.243(c)	Yes	Page IV-18		Site Operating Plan
1090	Part IV	Provide a description of odor-retaining containers & vessels used to store liquid and solid waste	Required	330.245(c)	Yes	Page IV-18		Site Operating Plan
1091	Part IV	Provide a description of how the facility has been designed and will be operated to provide adequate ventilation and prevent nuisance odors from leaving boundary of facility	Required	330.245(d)	Yes	Page IV-18		Site Operating Plan
1092	Part IV	Indicate that air pollution emission capture & abatement equipment shall be cleaned and maintained per manufacturer's recommendations and as necessary so that the equipment efficiency can be adequately maintained.	Required	330.245(e)	Yes	Page IV-18 to IV-19		Site Operating Plan
1093	Part IV	Provide a description of the measures/equipment, in accordance with 30 TAC §330.245(f)(1) – (4), that will be use to control odor at the facility.	Required	330.245(f)(1) – (4)	Yes	Page IV-19		Site Operating Plan
1094	Part IV	Indicate that the process areas that recover material from solid waste that contains putrescibles shall be maintained totally within an enclosed building and describe how openings to the process area shall be controlled to prevent releases of nuisance odors from leaving the property boundary of the facility	Required	330.245(g)	Yes	Page IV-19		Site Operating Plan
1095	Part IV	Provide a description of how facility shall be designed to allow a minimal time of exposure of liquid waste to the air and minimize waste contact with air during unloading of liquid waste into the facility.	Required	330.245(h)	Yes	Page IV-19		Site Operating Plan
1097	Part IV	Provide procedures for the control of ponded water to avoid its becoming a nuisance and alleviate any objectionable odors	Required	330.245(k)	Yes	Page IV-19		Site Operating Plan
1098	Part IV	Indicate that facility personnel will be trained in the appropriate sections of the facility's health and safety plan.	Required	330.247	Yes	Page IV-19		Site Operating Plan
1099	Part IV	Indicate that the facility shall provide potable water and sanitary facilities for all employees and visitors.	Required	330.249	Yes	Page IV-19		Site Operating Plan

MUNICIPAL SOLID WASTE LANDFILL TRANSFER STATION REGISTRATION APPLICATION

CITY OF DALHART, TEXAS

PART I – (30 TAC §330.59)

City of Dalhart Transfer Station
Type V
Dallam County
TCEQ Permit No. 1038A

Submitted May 2020
Revised August 2020

Prepared By:

BRANDT ENGINEERS®
TBPE Registration No. 4174
4537 Canyon Drive, Amarillo, Texas 79110
Ofc: 806/353-7233 Fax: 806/353-7261

Brandt Engineers
F-4174

Facility Name: City of Dalhart Municipal Solid Waste Landfill Transfer Station
Permittee/Registrant Name: City of Dalhart
MSW Authorization #:1038A
Initial Submittal Date: 5/26/20
Revision Date: 8/27/20

Texas Commission on Environmental Quality

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

1. Reason for Submittal

☒ Initial Submittal ☐ Notice of Deficiency (NOD) Response

2. Authorization Type

☐ Permit ☒ Registration

3. Application Type

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

☒ New Registration

4. Application Fees

Amount

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

Payment Method

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

If paid online, enter ePay Trace Number:

5. Application URL

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

☐ Yes ☒ No

If the answer is "No", provide the URL address of a publicly accessible internet web site where the application and all revisions to that application will be posted.
http:// **www.dalharttx.gov/page/Sanitation**

6. Application Publishing

Party Responsible for Publishing Notice:

☒ Applicant ☐ Agent in Service ☐ Consultant

Contact Name: **James Stroud** Title: **City Manager**

7. Alternative Language Notice

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

☐ Yes ☒ No

8. Public Place Location of Application

Name of the Public Place: **Dalhart City Hall**

Physical Address: **205 Rock Island Avenue**

City: **Dalhart** County: **Dallam** State: **TX** Zip Code: **79022**

(Area code) Telephone Number: **(806) 244-5511**

9. Consolidated Permit Processing

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

☐ Yes ☒ No ☐ Not Applicable

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

10. Confidential Documents

Does the application contain confidential documents?

☐ Yes ☒ No

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

11. Permits and Construction Approvals

Permit or Approval	Received	Pending	Not Applicable
Hazardous Waste Management Program under the Texas Solid Waste Disposal Act	☐	☐	☒
Underground Injection Control Program under the Texas Injection Well Act	☐	☐	☒
National Pollutant Discharge Elimination System Program under the Clean Water Act and Waste Discharge Program under Texas Water Code, Chapter 26	☐	☐	☒
Prevention of Significant Deterioration Program under the Federal Clean Air Act (FCAA). Nonattainment Program under the FCAA	☐	☐	☒
National Emission Standards for Hazardous Air Pollutants Preconstruction Approval under the FCAA	☐	☐	☒
Ocean Dumping Permits under the Marine Protection Research and Sanctuaries Act	☐	☐	☒
Dredge or Fill Permits under the CWA	☐	☐	☒
Licenses under the Texas Radiation Control Act	☐	☐	☒
Other (describe) Permit for Municipal Solid Waste Management Facility 1038A	☒	☐	☐
Other (describe)	☐	☐	☐
Other (describe)	☐	☐	☐
Other (describe)	☐	☐	☐

12. General Facility Information

Facility Name: City of Dalhart Municipal Solid Waste Landfill Transfer Station

Contact Name: **James Stroud** Title: **City Manager**

MSW Authorization No. (if available): **1038A**

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

Physical or Street Address (if available): **N/A**

City: **Dalhart** County: **Dallam** State: **TX** Zip Code: **79022**

(Area Code) Telephone Number: **(806) 244-5511**

Latitude (Degrees, Minutes Seconds): **36°06'16"**

Longitude (Degrees, Minutes Seconds): **102°35'15"**

Benchmark Elevation (above mean sea level): **4051**ft.

Provide a description of the location of the facility with respect to known or easily identifiable landmarks: **4.5 miles NW of the intersection of US 87 and US 54**

Detail access routes from the nearest United States or state highway to the facility:
Proceed 3 miles NW on US Hwy 87 from the intersection of US Hwy 87 and FM 1727 to Mackey Road (Nortex Road), proceed south approximately 200 feet on Mackey Road to the City of Dalhart Landfill entrance.

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

13. Facility Type(s)

☐ Type I	☐ Type IV	☒ Type V
☐ Type I AE	☐ Type IV AE	☐ Type VI

14. Activities Conducted at the Facility

☐ Storage	☒ Processing	☐ Disposal

15. Facility Waste Management Unit(s)

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

The proposed transfer station is to be located approximately 1,300 feet south along Mackey Road (Nortex Road) from the intersection of US Hwy 87 and Mackey Road. The proposed transfer station is to be placed immediately south of the existing landfill off of the southeast landfill property corner. The transfer station will be bordered on the east by Mackey Road and the landfill on the north. The purpose of this proposed Registration is to apply for the authority to construct, operate and maintain a Solid Waste Transfer Station at the City of Dalhart Solid Waste Landfill site. The current municipal solid waste management permit, MSW Permit No. 1038A, issued by the TCEQ to the City of Dalhart limits the facility to less than 20 tons-per-day of authorized waste in Type I-AE dispoal units and less than 20 tons-per-day of authorized waste in Type IV-AE disposal units. Increased solid waste production has forced the City to transport excess solid waste above the 20 tons-per-day limit to other landfills. The City is using its solid waste collection trucks to transport the excess solid waste. Use of the collection trucks for long haul transportation is causing excessive wear and deterioration of the collection vehicles. The City is proposing to acquire vehicles designed for long haul service of solid waste and construct a transfer station at the solid waste landfill site to facilitate the transfer of solid waste from the collection trucks to the transfer trucks. The average estimated daily waste generation rate for the next five years for the City of Dalhart landfill is approximately 35 tons per day. The allowable maximum daily waste acceptance rate for the landfill is 20 tons per day. The transfer station will be in place to divert the overflow waste from the City of Dumas landfill to the City of Amarillo landfill. The transfer station will receive an average of about 15 tons per day with a maximum waste acceptance rate of 20 tons per day.

17. Facility Contact Information

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

Customer Reference No. (if issued)*: CN**600249144**

Contact Name: **James Stroud** Title: **City Manager**

Mailing Address: **P.O. Box 2005**

City: **Dalhart** County: **Dallam** State: **TX** Zip Code: **79022**

(Area Code) Telephone Number: **(806) 244-5511**

Email Address: **James@dalharttx.gov**

TX Secretary of State (SOS) Filing Number:

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

Operator Name[1]: "Same as Site Operator (Permittee/Registrant)"

Customer Reference No. (if issued)*:

Contact Name: Title:

Mailing Address:

City: County: State: Zip Code:

(Area Code) Telephone Number:

Email Address:

TX SOS Filing Number:

[1]If the Operator is the same as Site Operator/Permittee type "Same as "Site Operator (Permittee/Registrant)".
*If the Operator does not have this number, complete a TCEQ Core Data Form (TCEQ-10400) and submit it with this application. List the Operator as the customer.

Consultant Name (if applicable):

Texas Board of Professional Engineers Firm Registration Number: **F-4174**

Contact Name: **Dwight Brandt** Title: **Engineer**

Mailing Address: **4537 Canyon Drive**

City: **Amarillo** County: **Randall** State: **TX** Zip Code: **79110**

(Area Code) Telephone Number: **(806) 353-7233**

E-Mail Address: **DLBrandt@brandtengineers.com**

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

Mailing Address:

City: County: State: Zip Code:

(Area Code) Telephone Number:

E-Mail Address:

18. Facility Supervisor's License

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

☒ Class A ☐ Class B

19. Ownership Status of the Facility

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

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

☒ Yes ☐ No

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

Owner Name:

Street or P.O. Box:

City: County: State: Zip Code:

(Area Code) Telephone Number:

Email Address (optional):

20. Other Governmental Entities Information

Texas Department of Transportation District: Amarillo

District Engineer's Name: **Brian Crawford**

Street Address or P.O. Box: **5715 Canyon Drive**

City: **Amarillo** County: **Randall** State: **TX** Zip Code: **79110**

(Area Code) Telephone Number: **(806) 356-3200**

E-Mail Address (optional):

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

Contact Person's Name:

Street Address or P.O. Box:

City: County: State: Zip Code:

(Area Code) Telephone Number:

E-Mail Address (optional):

City Mayor Information

City Mayor's Name: **Phillip Hass**

Office Address: **205 Rock Island Avenue**

City: **Dalhart** County: **Dallam** State: **TX** Zip Code: **79022**

(Area Code) Telephone Number: **(806) 244-5511**

E-Mail Address (optional):

City Health Authority:

Contact Person's Name:

Street Address or P.O. Box:

City: County: State: Zip Code:

(Area Code) Telephone Number:

E-Mail Address (optional):

County Judge Information

County Judge's Name: **Wes Ritchey**

Street Address or P.O. Box: **414 Denver Avenue, Suite 301**

City: **Dalhart** County: **Dallam** State: **TX** Zip Code: **79022**

(Area Code) Telephone Number: **(806) 244-2450**

E-Mail Address (optional): **daljudge@dallam.org**

County Health Authority:

Contact Person's Name:

Street Address or P.O. Box:

City: County: State: Zip Code:

(Area Code) Telephone Number:

E-Mail Address (optional):

State Representative Information

District Number: **86**

State Representative's Name: **John Smithee**

District Office Address: **320 S. Polk**

City: **Amarillo** County: **Potter** State: **TX** Zip Code: **79101**

(Area Code) Telephone Number: **(806) 372-3327**

E-Mail Address (optional):

State Senator Information

District Number: **31**

State Senator's Name: **Kel Seliger**

District Office Address: **410 S. Taylor, Suite 1600**

City: **Amarillo** County: **Potter** State: **TX** Zip Code: **79101**

(Area Code) Telephone Number: **(806) 372-3381**

E-Mail Address (optional):

Council of Government (COG) Name: Panhandle Regional Planning Commission

COG Representative's Name: **Kyle Ingham**

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

Street Address or P.O. Box: **415 SW 8th Avenue**

City: **Amarillo** County: **Potter** State: **TX** Zip Code: **79105**

(Area Code) Telephone Number: **(806) 372-3381**

E-Mail Address (optional):

River Basin Authority Name: Canadian Municipal Water Authority

Contact Person's Name: **Kent Satterwhite**

Watershed Sub-Basin Name: **Canadian River**

Street Address or P.O. Box: **P.O. Box 9**

City: **Sanford** County: **Hutchinson** State: **TX** Zip Code: **79078**

(Area Code) Telephone Number: **(806) 865-3325**

E-Mail Address (optional):

Coastal Management Program

Is the facility within the Coastal Management Program boundary?

☐ Yes ☒ No

U.S. Army Corps of Engineers

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

☐ Albuquerque, NM ☐ Galveston, TX

☐ Ft. Worth, TX ☒ Tulsa, OK

Local Government Jurisdiction

Within City Limits of:

Within Extraterritorial Jurisdiction of: **Dallam County**

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.

Part I Attachments

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

Required Attachments	**Attachment No.**
Property Legal Description	**Refer to Appendix I-B**
Property Metes and Bounds Description	**Refer to Appendix I-B**
Facility Legal Description	**Refer to Appendix I-B**
Facility Metes and Bounds Description	**Refer to Appendix I-B**
Metes and Bounds Drawings	**Refer to Appendix I-B**
On-Site Easements Drawing	**Refer to Appendix I-B**
Land Ownership Map	**Refer to Appendix I-A, Figure 1-1**
Land Ownership List	**Refer to Appendix I-A, Page A-4**
Electronic List or Mailing Labels	**Attached with Registration Application**
Texas Department of Transportation County Map	**Refer to Appendix I-A, Figure 1-2**
General Location Map	**Refer to Appendix I-A, Figure 1-1**
Verification of Legal Status	**Refer to Appendix I-C**
Property Owner Affidavit	**Refer to Appendix I-B, Page B-9**
Evidence of Competency	**Refer to Appendix I-D**

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

☒ TCEQ Core Data Form(s)	**Refer to Appendix I-H**
☒ Signatory Authority Delegation	**Refer to Page E-2**
☒ Fee Payment Receipt	**Refer to Appendix I-G**

☐ Confidential Documents
☐ Waste Storage, Processing and Disposal Ordinances
☐ Final Plat Record of Property
☐ Certificate of Fact (Certificate of Incorporation)
☐ Assumed Name Certificate

MUNICIPAL SOLID WASTE LANDFILL
TRANSFER STATION
PART
I.
(30 TAC §330.59)

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INDEX OF APPENDICES

Brandt Engineers
F-4174

INDEX OF FIGURES

LIST OF ACRONYMS & ABBREVIATIONS:

ADC – Alternative Material Daily Cover

AE, IAE, IVAE – Aired Exempt Facilities

ASD – Alternate Source Demonstration

CESQG – Conditional Exempt Small Quantity Generator

CFCs – Chlorofluorocarbons

CFR – Code of Federal Regulations

COC – Constituent of Concern

COG – Council of Governments

CWA – Clean Water Act

ED – Executive Director

FAA – Federal Aviation Administration

FEMA – Federal Emergency Management Administration

GW – Groundwater

Haz. - Hazardous

HDPE – High Density Polyethylene

ID - Identification

MCL – Maximum Contaminant Level

MSW – Municipal Solid Waste

NPDES – National Pollutant Discharge Elimination System

NESHAPS – National Emission Standards for Hazardous Air Pollutants

PCB – Polychlorinated Biphenyls

PE & PG – Professional Engineer or Geoscientist

Perm. – Permeability

POR – Professional of Record

QA/QC – Quality Assurance/Quality Control

RACM – Regulated Asbestos Containing Material

LIST OF ACRONYMS & ABBREVIATIONS (CONTINUED):

SLER – Soil Liner Evaluation Report

SOP – Site Operating Plan

SPCC – Spill Prevention Control & Countermeasure

SSI – Statistically Significant Increase

TDS – Total Dissolved Solids

THSC – Texas Health & Safety Code

TRCA – Texas Radiation Control Act

TPDES – Texas Pollutant Discharge Elimination System

TWC – Texas Water Code

TXDOT – Texas Department of Transportation

USGS – United States Geological Survey

USEPA – United States Environmental Protection Agency

1 MAPS (Refer to Appendix I-A)

General

For permits, registrations, and amendments only, submit a topographic map, ownership map, county highway map, or a map prepared by a registered professional engineer or a registered surveyor which shows the facility and each of its intake and discharge structures and any other structure or location regarding the regulated facility and associated activities. Maps must be of material suitable for a permanent record, and shall be on sheets 8-1/2 inches by 14 inches or folded to that size, and shall be on a scale of not less than one inch equals one mile. The map shall depict the approximate boundaries of the tract of land owned or to be used by the applicant and shall extend at least one mile beyond the tract boundaries sufficient to show the following:

- Each well, spring, and surface water body or other water in the state within the map area;
- The general character of the areas adjacent to the facility, including public roads, towns and the nature of development of adjacent lands such as residential, commercial, agricultural, recreational, undeveloped, etc;
- The location of any waste disposal activities conducted on the tract not included in the application; and
- The ownership of tracts of land adjacent to the facility and within a reasonable distance from the proposed point or points of discharge, deposit, injection, or other place of disposal or activity.

1.1 Land ownership map (Refer to Appendix I-A, Figure 1-1)

Provide a map that locates the property owned by adjacent and potentially affected landowners. The map should show all property ownership within 1/4 mile of the facility, on-site facility easement holders, and all mineral interest ownership under the facility.

1.2 General location maps (Refer to Appendix I-A, Figure 1-2)

For permits, registrations, and amendments only, submit at least one general location map at a scale of one-half inch equals one mile. This map shall be all or a portion of a county map prepared by Texas Department of Transportation (TxDOT). If TxDOT publishes more detailed maps of the proposed facility area, the more detailed maps shall also be included in Part I. Use the latest revision of all maps.

1.3 Landowners list (Refer to Appendix I-A, Page A-8)

Provide the adjacent and potentially affected landowners' list, keyed to the land ownership map with each property owner's name and mailing address. The list shall include all property owners within 1/4 mile of the facility, easement holders, and all mineral interest ownership under the facility. Provide the property, easement holders', and mineral interest owners' names and mailing addresses derived from the real property appraisal records as listed on the date that the application is filed. Provide the list in electronic form, as well.

2 PROPERTY OWNER INFORMATION **(Refer to Appendix I-B)**

For permits, registrations, amendments, and modifications that change the legal description, a change in owner, or a change in operator only, provide the following:

(1) the legal description of the facility;

(A) the abstract number as maintained by the Texas General Land Office for the surveyed tract of land;

(B) the legal description of the property and the county, book, and page number or other generally accepted identifying reference of the current ownership record;

(C) for property that is platted, the county, book, and page number or other generally accepted identifying reference of the final plat record that includes the acreage encompassed in the application and a copy of the final plat, in addition to a written legal description;

(D) a boundary metes and bounds description of the facility signed and sealed by a registered professional land surveyor;

(E) on-site easements at the facility, and

(F) drawings of the boundary metes and bounds description; and

(2) a property owner affidavit signed by the owner.

3 LEGAL AUTHORITY **(Refer to Appendix I-C)**

Provide verification of the legal status of the owner and operator, such as a one-page certificate of incorporation issued by the secretary of state. List all persons having over a 20% ownership in the proposed facility.

Indicate Ownership status of the facility:									
☐	Private	☐	Corporation	☐	Partnership	☐	Proprietorship	☐	Non-Profit Organization
☐	Public	☐	Federal	☐	Military	☐	State	☐	Regional
☐	County	☒	Municipal	☐	Other (Specify)				

Does the operator own the facility units and the facility property?	☒ Yes ☐ No

If "No," for permits, registrations, amendments, and modifications that changes the legal description, a change in owner, or a change in operators, submit a copy of the lease for the use of or the option to buy the facility units or facility property, as appropriate, and identify:				
Owner Name:	N/A			
Street or P. O. Box:				
(City) (County)(State)(Zip Code):				
(Area Code) Telephone Number:				
(Area Code) FAX Number:				
Charter Number:				

4 EVIDENCE OF COMPETENCY (Refer to Appendix I-D)

5 APPOINTMENTS (Refer to Appendix I-E)

Provide documentation that the person signing the application meets the requirements of 30 TAC §305.44, Signatories to Applications. If the authority has been delegated, provide a copy of the document issued by the governing body of the owner or operator authorizing the person that signed the application to act as agent for the owner or operator.

6 OTHER ENVIRONMENTAL PERMITS (Refer to Appendix I-F)

7 APPLICATION FEES (Refer to Appendix I-G)

For a new permit, registration, amendment, modification, or temporary authorization, submit a $150 application fee.

For authorization to construct an enclosed structure over an old, closed municipal solid waste landfill in accordance with 30 TAC 330 Subchapter T, submit a $2,500 application fee.

If paying by check, send payment to:

Texas Commission on Environmental Quality
Financial Administration Division, MC 214
P. O. Box 13087
Austin, Texas 78711-3087

Payment maybe made online using TCEQ e-pay at www.tceq.state.tx.us/e-services/	
E-pay confirmation number	N/A

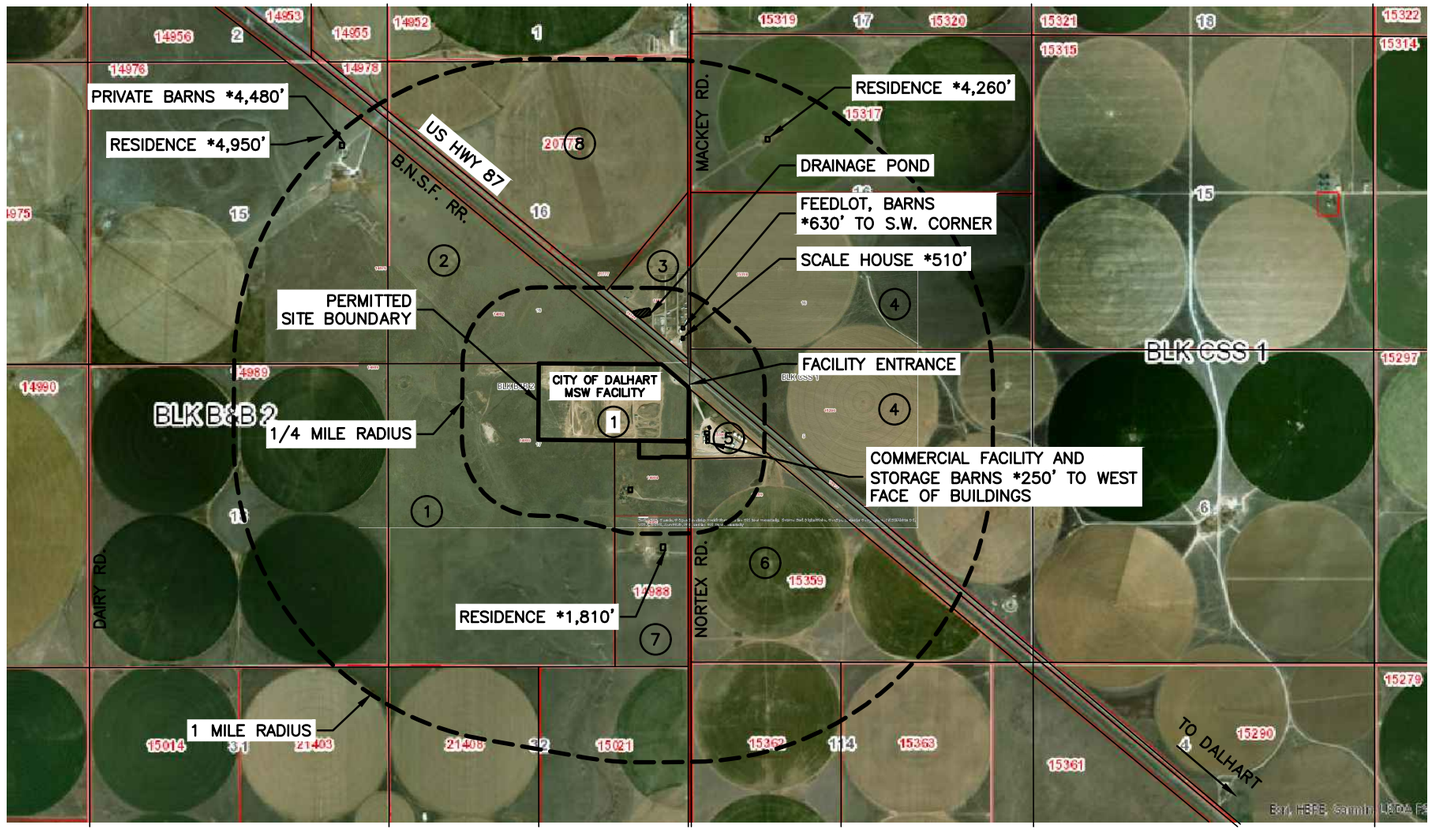
8 TCEQ CORE DATA FORM (Refer to Appendix I-H)

Appendix I
A.

FACILITY MAPS

INDEX

Brandt Engineers
F-4174



NOTES:

1. * DISTANCES SHOWN ARE FROM CLOSEST LANDFILL PROPERTY BOUNDARY
2. THERE ARE NO SCHOOLS, LICENSED CHILD CARE FACILITIES, CHURCHES, CEMETERIES, LAKES, OR RECREATIONAL AREAS IN THE ONE-MILE SITE BOUNDARY.
3. PROPERTY DEED PRESENTED IN APPENDIX I-B OF THIS APPLICATION INDICATES OWNERSHIP IS ONLY SUBJECT TO OUTSTANDING MINERAL AND ROYALTY RESERVATIONS PRIOR TO THE DEED. NO SUCH RESERVATIONS HAVE BEEN IDENTIFIED.
4. LANDOWNER LIST AND PROPERTY LINES DEVELOPED FROM DALLAM COUNTY APPRAISAL DISTRICT RECORDS AS OF APRIL 2019.

N

0.25 MILE 0 0.5 MILE

SCALE: 1" = 1/2 MILE

STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER

6/15/20

BRANDT ENGINEERS
F-4174

(FOR PERMIT PURPOSES ONLY)

REVISIONS	DATE
REVISION NO.1	06.12.20

BRANDT ENGINEERS ®
TEXAS REGISTERED ENGINEERING FIRM F-4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110

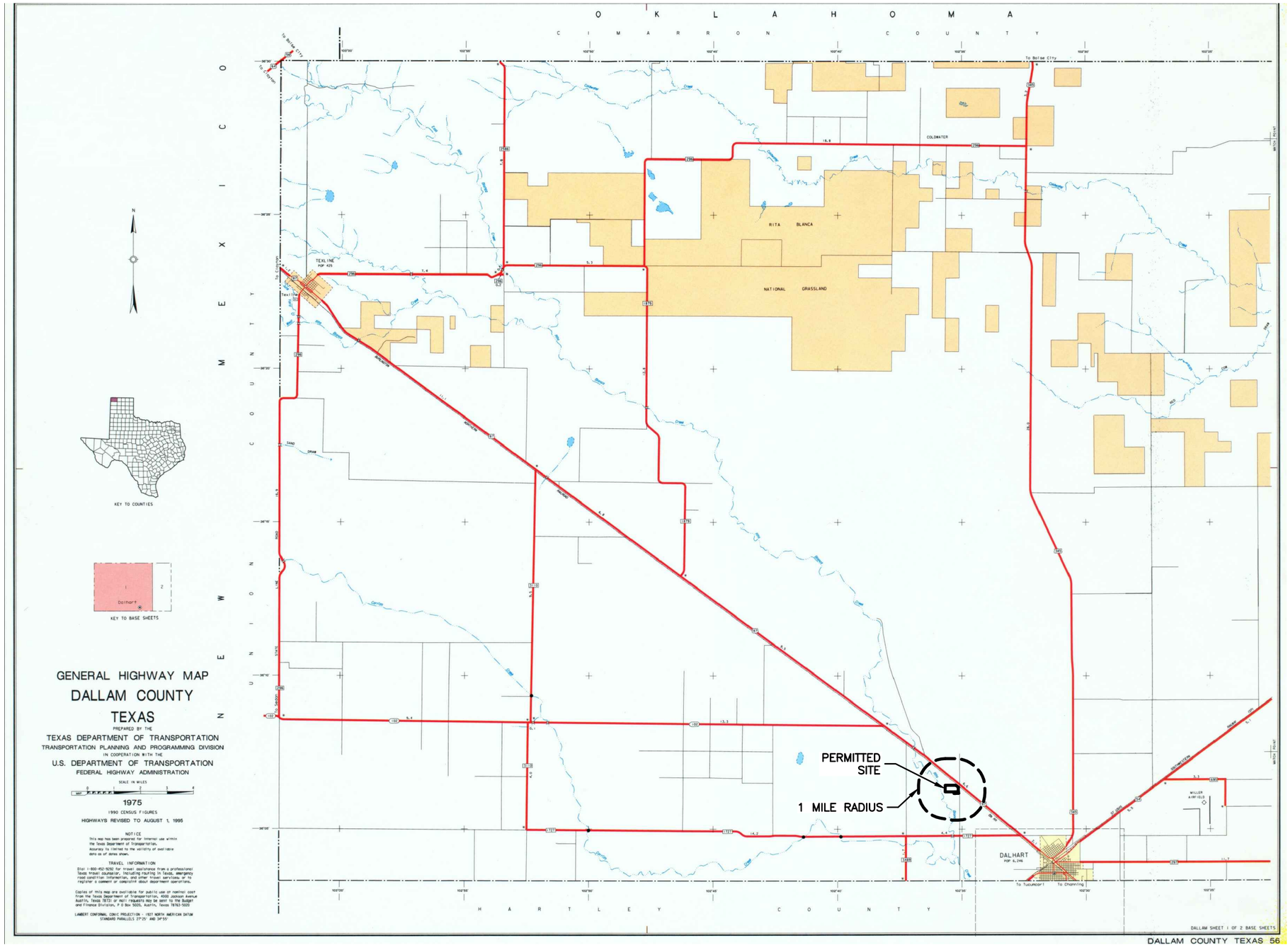
CITY OF DALHART
TRANSFER STATION REGISTRATION APPLICATION
PART II

LAND OWNERS MAP

PROJ. NO. 82150 | DATE: MAY 2020 | SCALE: 1"=1/2 MILE

PAGE: A-2

FIGURE: #1-1



GENERAL HIGHWAY MAP
DALLAM COUNTY
TEXAS

PREPARED BY THE
TEXAS DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PLANNING AND PROGRAMMING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

SCALE IN MILES

1975

1990 CENSUS FIGURES
HIGHWAYS REVISED TO AUGUST 1, 1995

NOTICE

This map has been prepared for Internet use within the Texas Department of Transportation. Accuracy is limited to the validity of available data as of dates shown.

TRAVEL INFORMATION

Dial 1-800-452-9292 for travel assistance from a professional Texas travel counselor, including routing in Texas, emergency road condition information, and other travel services or to register a comment or complaint about department operations.

Copies of this map are available for public use at nominal cost from the Texas Department of Transportation, 4500 Jackson Avenue Austin, Texas 78731 or mail requests may be sent to the Budget and Finance Division, P O Box 5051, Austin, Texas 78763-5051

LAMBERT CONFORMAL CONIC PROJECTION - 1927 NORTH AMERICAN DATUM
STANDARD PARALLELS 27°25' AND 34°55'

DALLAM COUNTY TEXAS 56

NOTE:

THIS MAP WAS REPRODUCED FROM THE TEXAS DEPARTMENT OF TRANSPORTATION, GENERAL HIGHWAY MAP DATED 1 AUGUST 1995

LEGEND

- NATIONAL OR STATE BOUNDARY
- COUNTY BOUNDARY
- LIMIT OF ENLARGED DETAIL
- CITY LIMIT
- RAILROAD
- PRIVATE ROAD
- DIVIDED ROAD
- PAVED ROAD
- ALL WEATHER ROAD
- EARTH ROAD
- ROAD IN CITY
- DIVIDED ROADWAY WITH FRONTAGE ROADS
- MILEAGE BETWEEN POINTS
- INTERSTATE HIGHWAY
- US NUMBERED HIGHWAY
- STATE HIGHWAY
- STATE HIGHWAY--LOOP OR SPUR
- STATE HIGHWAY PARK ROAD
- FARM OR RANCH TO MARKET ROAD
- RECREATIONAL ROAD
- BUSINESS ROUTES
- COUNTY SEAT
- TOWN SYMBOL
- BRIDGE OR CROSSING SEPARATION OVER 20'
- LOW WATER CROSSING
- INTERMITTENT STREAM
- FLOWING STREAM
- SHIP OR BARGE CHANNEL
- LAKE WITH DAM
- AREA SUBJECT TO INUNDATION
- INTERMITTENT LAKE
- PROMINENT ELEVATION
- ESCARPMENT OR BLUFF
- AIRPORT WITH FACILITIES
- MILITARY AIRBASE
- HISTORIC SITE
- TXDOT CO LINE MAKER
- US CUSTOMS PORT OF ENTRY
- TXDOT TOURIST BUREAU
- CEMETERY
- TXDOT DISTRICT OFFICE
- TXDOT WAREHOUSE
- COUNTRY CLUB/ GOLF COURSE

STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER

6/15/20

BRANDT ENGINEERS
F-4174

(FOR PERMIT PURPOSES ONLY)

REVISIONS	DATE
REVISION NO.1	06.15.20

BRANDT ENGINEERS ®
TEXAS REGISTERED ENGINEERING FIRM F-4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110

CITY OF DALHART
MAJOR PERMIT AMENDMENT
PART I

DALLAM COUNTY, TX
TXDOT LOCATION MAP

PROJ. NO. 82150 | DATE: MAY 2020 | SCALE: N/A

PAGE: A-3

FIGURE:
#1-2

LANDOWNERS MAILING LIST (30 TAC §330.61)

The following table is a list of landowners with adjacent property to the facility. The landowner's reference number corresponds with Figure 1-1 – Land Ownership Map. The property deed presented in Appendix I-B of this application indicates ownership was only subject to outstanding mineral and royalty reservations prior to the deed. No such reservations have been identified.

Table 1-1: Landowner Mailing List

1. CITY OF DALHART
   PO BOX 2005
   DALHART TX 79022

2. MR. RONNIE FARRIS
   12411 US HWY 87
   DALHART TX 79022

3. MR. JONATHAN WILLIAM WOOD III &
   MR. JONATHAN WILLIAM WOOD IV
   PO BOX 937
   DALHART, TX 79022

4. MELLEMA S FARMS LTD
   PO BOX 1505
   DALHART TX 79022

5. POOLE CHEMICAL CO INC
   PO BOX 32428
   AMARILLO, TX 79120

6. ENTRANIA SPRINGS LP
   PO BOX 32428
   AMARILLO TX 79120

7. CLAYTON D & CYNDI WARD
   PO BOX 654
   DALHART TX 79022

8. GAINES COUNTY COTTON GROWER
   185 CR 209 A-1
   SEMINOLE TX 79360

LANDOWNERS CROSS-REFERENCED TO
APPLICATION MAP

The persons identified below would be considered as affected persons.

1.	CITY OF DALHART P.O. BOX 2005 DALHART TX 79022	5.	POOLE CHEMICAL CO INC PO BOX 32428 AMARILLO, TX 79120
2.	MR. RONNIE FARRIS 12411 US HWY 87 DALHART TX 79022	6.	ENTRANIA SPRINGS LP PO BOX 32428 AMARILLO TX 79120
3.	MR. JONATHAN WILLIAM WOOD III & MR. JONATHAN WILLIAM WOOD IV PO BOX 937 DALHART, TX 79022	7.	CLAYTON D & CYNDI WARD PO BOX 654 DALHART TX 79022
4.	MELLEMA S FARMS LTD PO BOX 1505 DALHART TX 79022	8.	GAINES COUNTY COTTON GROWER 185 CR 209 A-1 SEMINOLE TX 79360

MINERAL INTEREST OWNERSHIP UNDER THE FACILITY

	NONE		

FACILITY EASEMENT HOLDERS

	NONE		

In accordance with 30 TAC §39.5(b), please also submit this mailing list electronically. The electronic list must contain only the name, mailing address, city, state, and zip code with no reference to the lot number or lot location.

Alternatively, the applicant may elect to submit pre-printed mailing labels of this mailing list with the application.

Appendix I
B.

PROPERTY OWNER INFORMATION

LEGAL DESCRIPTION OF FACILITY (30 TAC §330.59(d)(1))

A legal description of the 76.83-Acre permit boundary is included on the following page. The area within the permit boundary is owned by the City of Dalhart. The current ownership record for the property may be found in Volume 205, Page 109 of the Dallam County Deed Records.

C-102—WARRANTY DEED—With Single and Corporation Acknowledgments — Martin Stationery Co., Dallas

VOL 205 PAGE 109

THE STATE OF TEXAS, } 109580 **KNOW ALL MEN BY THESE PRESENTS:**

COUNTY OF DALLAM

That We, LEO V. ARTHO and wife, RITA M. ARTHO

of the County of Hartley State of Texas , for and in consideration of the sum of FORTY THOUSAND AND NO/100 ---------- DOLLARS,

to us in hand paid by THE CITY OF DALHART, TEXAS, the receipt of which is hereby acknowledged and confessed,

have Granted, Sold and Conveyed, and by these presents do Grant, Sell and Convey unto the said City of Dalhart, a municipal corporation of Dallam and Hartley Counties, Texas, ~~of the County of xxxxxxxxxxxxxxx, State of~~ , all that certain lot, tract or parcel of land described as follows, to-wit:

All of the North Half of the Northeast Quarter ($N\frac{1}{2}NE\frac{1}{4}$) of Section Seventeen (17), Block Two (2), Brooks and Burleson Survey, Dallam County, Texas,

SUBJECT TO all outstanding mineral and royalty reservations of record;

THIS CONVEYANCE IS SUBJECT TO all rights-of-way and easements of record in the Clerk's records of Dallam County, Texas, or as they may appear on the ground.

TO HAVE AND TO HOLD the above described premises, together with all and singular, the rights and appurtenances thereto in anywise belonging unto the said City of Dalhart, Texas, its successors ~~heirs~~ and assigns forever; and we do hereby bind ourselves, our heirs, executors and administrators, to Warrant and Forever Defend all and singular the said premises unto the said City of Dalhart, Texas, its successors ~~xxxx~~ and assigns, against every person whomsoever lawfully claiming, or to claim the same or any part thereof.

Witness our hand s at Dalhart, Texas this 2nd day of May A. D. 19 77

Witnesses at Request of Grantor:

Leo V. Artho

Rita M. Artho

Rita M. Artho

VOL 205 PAGE 110

SINGLE ACKNOWLEDGMENT

THE STATE OF TEXAS,
COUNTY OF DALLAM

BEFORE ME, the undersigned authority, in and for said County, Texas, on this day personally appeared Leo V. Artho and wife, Rita M. Artho,

known to me to be the person s whose name s are subscribed to the foregoing instrument, and acknowledged to me that the y executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, This 31st day of May, A.D. 19 77

(L.S.)

Katharine Law
Notary Public, Dallam County, Texas
My Commission Expires June 1, 19 77

SINGLE ACKNOWLEDGMENT

THE STATE OF TEXAS,
COUNTY OF

BEFORE ME, the undersigned authority, in and for said County, Texas, on this day personally appeared

known to me to be the person whose name subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, This day of , A.D. 19

(L.S.)

Notary Public, County, Texas
My Commission Expires June 1, 19

CORPORATION ACKNOWLEDGMENT

THE STATE OF TEXAS,
COUNTY OF

BEFORE ME, the undersigned authority, in and for said County, Texas, on this day personally appeared known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said a corporation, and that he executed the same as the act of such corporation for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, This day of , A.D. 19

(L.S.)

Notary Public, County, Texas
My Commission Expires June 1, 19

CLERK'S CERTIFICATE

THE STATE OF TEXAS,
COUNTY OF DALLAM

I, Betty Steele, County Clerk of the County Court of said County, do hereby certify that the foregoing instrument of writing dated on the 2nd day May, A. D. 19 77, with its Certificate of Authentication, was filed for record in my office on the 7th day of June, A. D. 19 77, at 3:30 o'clock P. M., and duly recorded this 14th day of June A. D. 19 77, at 1:00 o'clock P. M., in the Deed Records of said County, in Volume 205, on pages 109.

WITNESS MY HAND AND SEAL OF THE COUNTY COURT of said County, at office in Dalhart, Texas, the day and year last above written.

Betty Steele
County Clerk Dallam County, Texas.
By Carol Letz, Deputy.

(L. S.)

No. 109580

WARRANTY DEED

FROM
LEO V. ARTHO AND WIFE,
RITA M. ARTHO
TO
THE CITY OF DALHART, TEXAS,
A MUNICIPAL CORPORATION

FILED FOR RECORD
this 7th day of June A. D. 19 77
at 3:30 o'clock P. M.
Betty Steele County Clerk Dallam Co., Texas
By Carol Letz, Deputy.

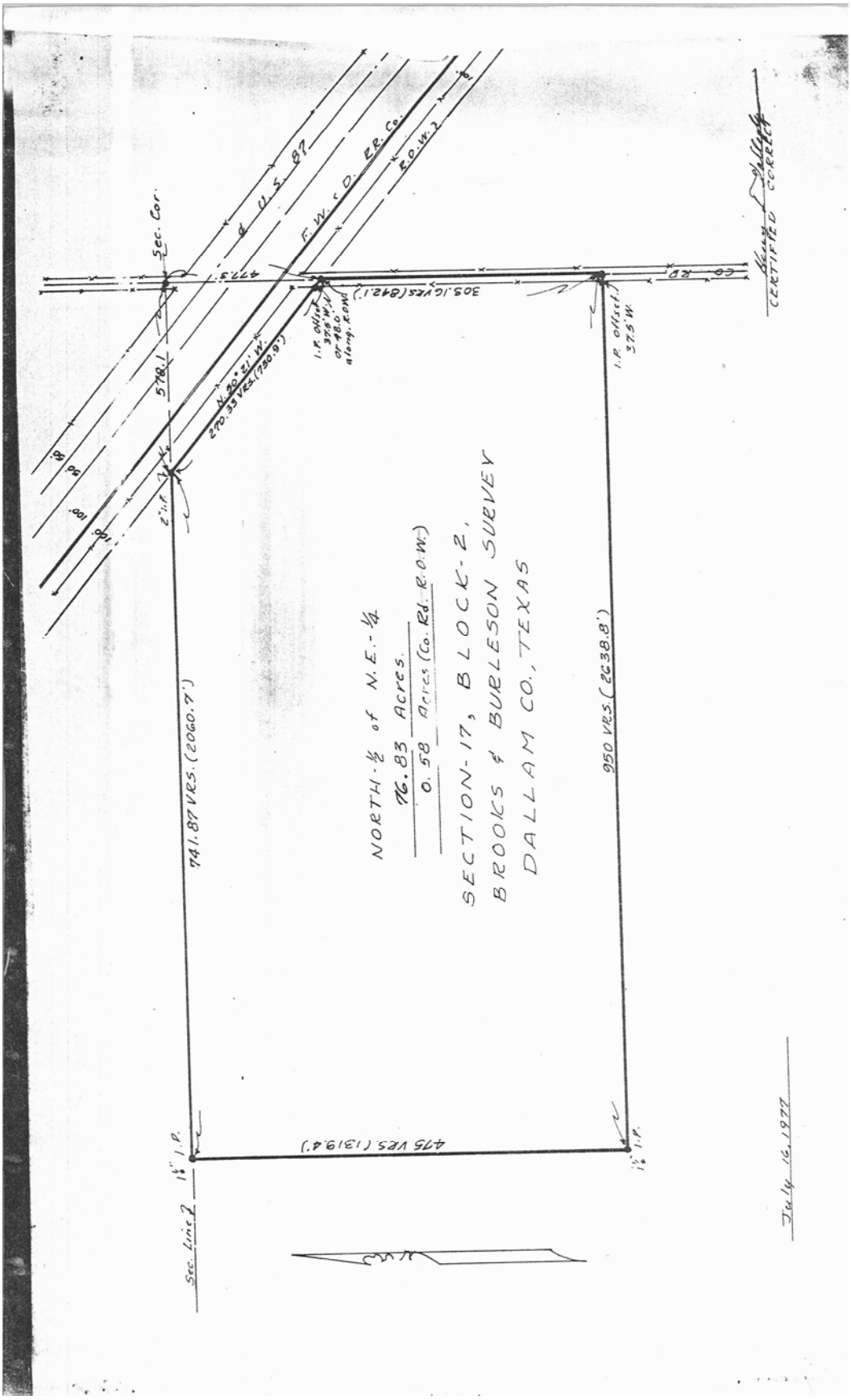
RECORDED
June 14 A. D. 19 77
in Dallam County Records,
Book 205, Page 109
Betty Steele County Clerk.
By Carol Letz Deputy.

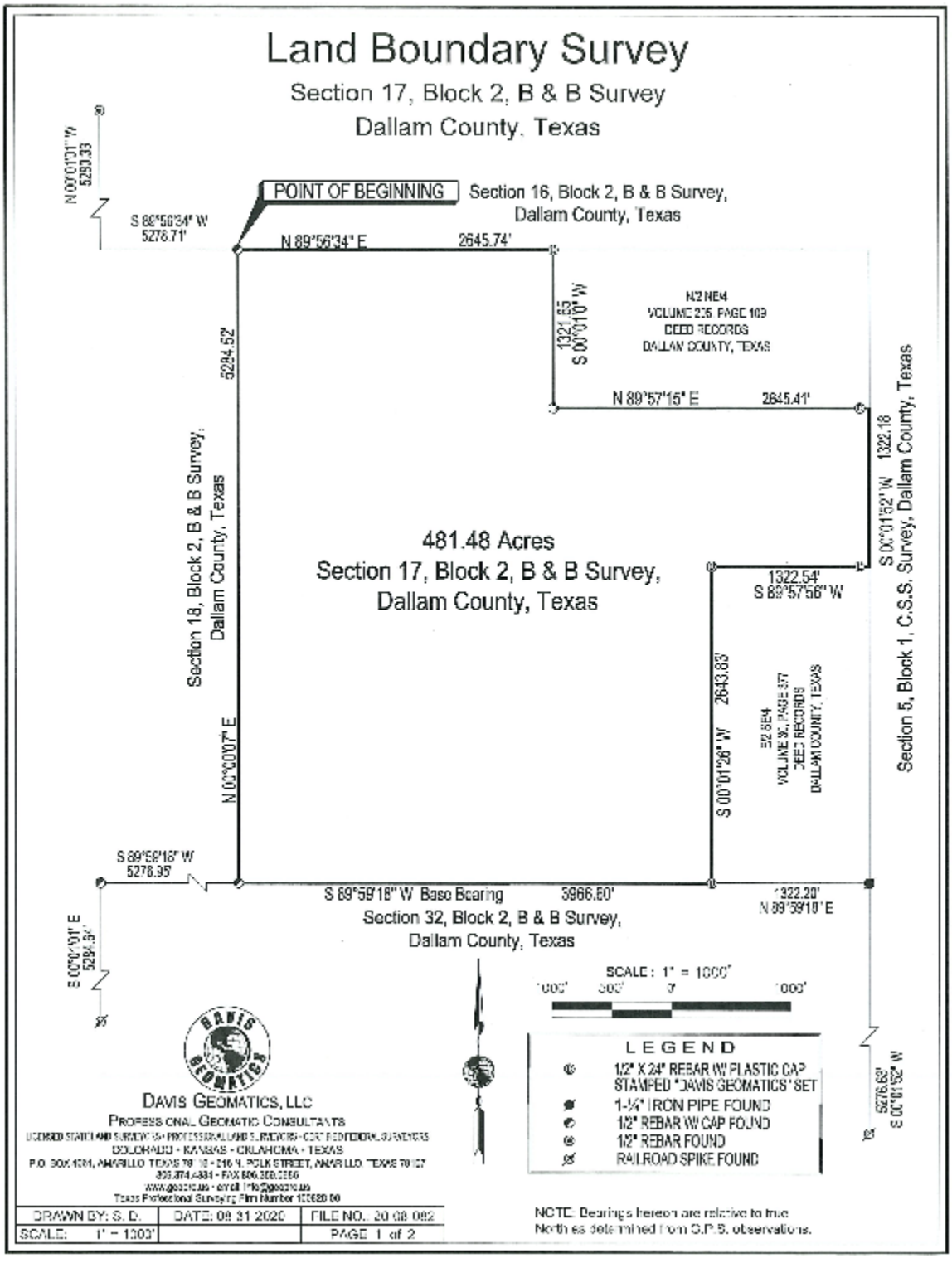
Recording Fee $ 2.50 chg.

This instrument should be filed immediately with the County Clerk for record.

MARTIN Stationery Co., Dallas

City of Dalhart
Box 1071
Dalhart, Texas 79022


NORTH-½ of N.E.-¼
16.83 Acres.
0.58 Acres (Co. Rd. R.O.W.)
SECTION-17, BLOCK-2,
BROOKS & BURLESON SURVEY
DALLAM CO., TEXAS
741.87 VES. (2060.7')
950 VES. (2638.8')
475 VES. (1319.4')
305.1 VES (842.1')
N. 30° 21' W.
270.33 VES. (750.9')
F. W. & D. RR. Co.
E.O.W.
U. S. 87
Sec. Cor.
CERTIFIED CORNER
I.P. offset 375 W
I.P. offset 378.0 W. of 378.0 along R.O.W.
1½" I.P.
Sec. Line 2
July 16, 1977


Land Boundary Survey
Section 17, Block 2, B & B Survey
Dallam County, Texas
POINT OF BEGINNING
Section 16, Block 2, B & B Survey, Dallam County, Texas
N 89°56'34" E 2645.74'
S 89°58'34" W 5276.71'
N 00°01'01" W 5280.33'
5284.52'
N 00°00'07" E
Section 18, Block 2, B & B Survey, Dallam County, Texas
1321.63' S 00°01'10" W
N2 NE4 VOLUME 235 PAGE 169 DEED RECORDS DALLAM COUNTY, TEXAS
N 89°57'15" E 2645.41'
S 00°01'52" W 1322.18'
Section 5, Block 1, C.S.S. Survey, Dallam County, Texas
481.48 Acres
Section 17, Block 2, B & B Survey,
Dallam County, Texas
1322.54'
S 89°57'56" W
S 00°01'26" W 2643.83'
S2 SE4 VOLUME 36, PAGE 377 DEED RECORDS DALLAM COUNTY, TEXAS
S 89°59'18" W 5278.95'
S 89°59'18" W Base Bearing 5966.60'
1322.20'
N 89°59'18" E
S 00°01'01" E 5284.34'
Section 32, Block 2, B & B Survey,
Dallam County, Texas
SCALE: 1" = 1000'
1000' 500' 0' 1000'
LEGEND
1/2" X 24" REBAR W/ PLASTIC CAP STAMPED "DAVIS GEOMATICS" SET
1-¼" IRON PIPE FOUND
1/2" REBAR W/ CAP FOUND
1/2" REBAR FOUND
RAILROAD SPIKE FOUND
5276.63'
S 00°01'52" W
DAVIS GEOMATICS, LLC
PROFESSIONAL GEOMATIC CONSULTANTS
LICENSED STATE LAND SURVEYORS - PROFESSIONAL LAND SURVEYORS - GPS POSITIONING SURVEYORS
COLORADO - KANSAS - OKLAHOMA - TEXAS
P.O. BOX 1081, AMARILLO, TEXAS 79105 - 216 N. POLK STREET, AMARILLO, TEXAS 79107
806.374.4884 - FAX 806.358.2256
www.geomatics.us - email: info@geomatics.us
Texas Professional Surveying Firm Number 100680-00
DRAWN BY: S. D.
DATE: 08 31 2020
FILE NO.: 20 08 092
SCALE: 1" = 1000'
PAGE 1 of 2
NOTE: Bearings hereon are relative to true North as determined from G.P.S. observations.

LEGAL DESCRIPTION

A 481.46 acre tract of land being the West half, the South half of the Northeast quarter and the West half of the Southwest quarter of Section 17, Block 2, Brooks and Burleson Survey, Dallam County, Texas, said 481.46 acre tract being described by metes and bounds as follows:

BEGINNING at the Northwest corner of said Section 17 whence a 1/2" rebar with cap found bears S 00°00'07" W, 0.42 feet and a ½" rebar found at the Northwest corner of Section 15, Block 2, of said Brooks and Burleson Survey bears S 89°56'34" W, 5278.71 feet and N 00°01'01" W, 5280.33 feet;

THENCE N 89°56'34" E, at 2606.37 feet pass a 1-1/4" iron pipe found, continue for a total distance of 2645.74 feet to a ½" X 24" rebar with a plastic cap stamped "DAVIS GEOMATICS" (such type rebar and plastic cap hereafter referred to as a DAVIS CAP) set at the Northeast corner of the West-half of said Section 17;

THENCE S 00°01'00" W, 1321.65 feet to a DAVIS CAP set at the Northwest corner of the South-half of the Northeast quarter of said Section 17;

THENCE N 89°57'15" E, at 2564.41 feet pass a DAVIS CAP set for reference, continue for a total distance of 2645.41 feet to the Northeast corner of the South-half of the Northeast quarter of said Section 17;

THENCE S 00°01'52" W, 1322.18 feet to the Southeast corner of the South-half of the Northeast quarter of said Section 17;

THENCE S 89°57'56" W, at 80.00 feet pass a DAVIS CAP set for reference, continue for a total distance 1322.54 feet to a DAVIS CAP set at the Northeast corner of the West-half of the Southeast quarter of said Section 17;

THENCE S 00°01'26" W, 2643.83 feet to a DAVIS CAP set on the South line of said Section 17 whence a 1-1/4" iron pipe found bears N 89°59'16 E, 1322.20 feet and a Railroad Spike found bears N 89°59'19 E, 1322.20 feet and S 00°01'52" W, 5276.63 feet;

THENCE S 89°59'16" W - BASE BEARING (Bearings contained herein are relative to True North as determined by GPS observations), 3966.60 feet to the Southwest corner of said Section 17;

THENCE N 00°00'07" E, at 1.51 feet pass a 1/2" rebar with cap found, continue for a total distance of 5264.52 to the **POINT OF BEGINNING** of this tract of land;

Said tract contains a total of 481.46 acres of as described.

NOTES

1) This plat was prepared for the specific purpose indicated hereon. Reliance upon or use of this plat for other purposes is strictly prohibited

2) The arrangements depicted hereon are the sole property of Davis Geomatics, LLC and may not be reproduced in any form without written permission. Copyright © 2020 by Davis Geomatics, LLC All rights reserved.

3) Plat with same date accompanies this description

STATE OF TEXAS §
COUNTY OF POTTER §

KNOW ALL MEN BY THESE PRESENTS, that I, J.D. Davis, Registered Professional Land Surveyor, do hereby certify that I did cause to be surveyed on the ground the tract of land shown on this plat, and to the best of my knowledge and belief, the said description is true and correct.

IN WITNESS THEREOF, my hand and seal.

J.D. Davis
Registered Professional Land Surveyor
Texas Registration Number 5626
Amarillo, Texas

DAVIS GEOMATICS, LLC
PROFESSIONAL GEOMATIC CONSULTANTS
LICENSED SURVEYING • LAND DEVELOPMENT • ENVIRONMENTAL • CERTIFIED FEDERAL SURVEYORS
COLORADO • KANSAS • OKLAHOMA • TEXAS
P.O. BOX 4067 - AMARILLO, TEXAS 79116 - 6 6 N. POLK STREET - AMARILLO, TEXAS 79107
806.374.4034 - FAX 806.803.0693
www.geopros.com - email: info@geopros.com
Texas Professional Surveying Firm License 100828-00

DRAWN BY: S. D. DATE: 08 31 2020	FILE NO.: 20-08-002
SCALE: 1" = 1000'	PAGE 2 of 2

PROPERTY OWNER AFFIDAVIT (30 TAC §330.59(d)(2))

A property owner affidavit from City of Dalhart Landfill, with attached legal description is included on the following pages.

Property Owner Affidavit

I, James Stroud (Printed Signatory Name), as City Manager (Signatory Capacity).

As authorized signatory for City of Dalhart (Printed Name of Property Owner of Record).

Acknowledge that the State of Texas may hold me either jointly of severally responsible for the operation, maintenance, and closure of the facility. I further acknowledge that I or the operator and the State of Texas shall have access to the property during the active life and after closure for the purpose of inspection and maintenance, if required.

(Property Owner's Signature)

1-7-2020
(Date)

Appendix I
C.

LEGAL AUTHORITY

LEGAL AUTHORITY (30 TAC §330.59(e))

The certificates on the following pages document the legal status of the applicant.

THE STATE OF TEXAS X

COUNTY OF DALLAM X

AGREEMENT OF SALE AND PURCHASE

THIS AGREEMENT made and entered into by and between LEO V. ARTHO and wife, RITA M ARTHO, hereinafter referred to as SELLERS, and THE CITY OF DALHART, TEXAS, a municipal corporation of the Counties of Dallam and Hartley, by and through its Mayor, authorized by a resolution duly enacted by the City Council of the City of Dalhart, Texas, hereinafter referred to as BUYER, on the 4th day of March, 1980, at a special meeting of the City Council of the City of Dalhart, Texas, authorizing the Mayor and the City Secretary to enter into this Sales Contract Agreement,

W I T N E S S E T H :

1.

SELLERS agree to sell and convey by Warranty Deed and BUYER hereby agrees to buy the following described land in Dallam County, Texas, to-wit:

All of the West Half (W/2), the West Half of the Southeast Quarter (W/2SE/4) and the Southeast Quarter of the Northeast Quarter (SE/4NE/4), all in Section 17, Block 2, Brooks and Burleson Survey, Dallam County, Texas;

And containing 440 acres of land, more or less.

2.

The consideration for the conveyance of this land shall be ONE HUNDRED SEVENTY-SIX THOUSAND AND NO/100 ($176,000.00) DOLLARS payable as follows:

(a) $17,600.00 escrow deposited with the First National Bank in Dalhart, as Escrow Agent, said escrow to be placed in a Certificate of Deposit with said Bank during the term of this agreement. BUYER shall receive all interest accruing on said Certificate of Deposit prior to the closing of this transaction and SELLERS shall receive the principal on or before May 15, 1980, SUBJECT TO delivering good, fee simple title to the land set out above.

(b) $158,400.00 cash to be paid by BUYER to SELLERS at the time of the closing of this transaction, which sum

is in addition to the $17,600.00 above set out.

3.

SELLERS shall pay all taxes for the year 1979 and all previous years and the taxes for the year 1980 shall be prorated as of the date of the closing of this transaction.

4.

This Contract shall be closed on or before May 15, 1980, at the office of DAVIS AND CUNNINGHAM, Attorneys at Law, 513 Denrock Avenue, Dalhart, Texas.

5.

SELLERS agree to convey a good, marketable, fee simple title to said property and within twenty (20) days from the signing of this Contract deliver to BUYER an abstract covering said property. BUYER shall have twenty (20) days to have said abstract examined and make any objections to the title, in writing. SELLERS shall have a reasonable time to cure the title after the objections are made. If no objections are made within twenty (20) days after BUYER receives the abstract, it shall be conclusively agreed as between the parties that SELLERS have a good, marketable, fee simple title and the title shall be considered as having been accepted by the BUYER, or title policy, SELLERS' option.

6.

If SELLERS cannot perfect a marketable title, BUYER shall have its option as to declaring this contract null and void or consummating this sale or enforcing this Contract by specific performance, or by perfecting a marketable title and deleting from the consideration herein mentioned the cost of perfecting said marketable title, including a reasonable attorney fee, court costs and all other expenses relative to perfecting a marketable title.

7.

BUYER shall receive possession at the time of the closing of

of this transaction.

8.

NEWTON H. FOSTER REAL ESTATE, Real Estate Brokers, by its Agent, Newton H. Foster, hereby informs the parties to this Contract that they should have the title to this property examined in order to determine if there are any defects in this title.

9.

If there is any dispute as to the escrow placed in the Certificate of Deposit with the First National Bank in Dalhart, said First National Bank in Dalhart shall release said funds represented by the Certificate of Deposit only on the written authority of both parties hereto or upon an order by a court of competent jurisdiction directing the disposition of said funds. In any event, said cash payment can only be released by a writing of both parties and both parties releasing said Escrow Agent of any liabilities concerning said funds, except to pay them out according to the terms of this Contract or upon the direct order of a court of competent jurisdiction.

10.

As a commission for services rendered in connection with this transaction, the SELLERS shall pay to NEWTON H. FOSTER REAL ESTATE, 319 Denrock Avenue, Dalhart, Texas, $10,560.00, in cash or certified funds at the time of the closing of this transaction.

11.

SELLERS shall remove their corral panels and the box car located upon the above described property within One (1) year after the closing of this transaction.

12.

This Contract shall be binding upon the parties hereto, their heirs, representatives, successors and assigns.

13.

Conveyance of the above described property is subject to all

easements and rights-of-way that are visible or of record, and all mineral reservations of record. SELLERS agree to convey to BUYER all minerals they own under the above described property.

WITNESS OUR HANDS, this 7th day of March, 1980.

Leo V. Artho

Leo V. Artho

Rita M. Artho

Rita M. Artho

THE CITY OF DALHART, TEXAS

By Joe D. Keast
Mayor

ATTEST:

Elizabeth Knight
City Secretary

The above Escrow Responsibility is assumed and receipt of the $17,600.00 to be placed in a Certificate of Deposit is hereby acknowledged, this 10th day of March, 1980.

FIRST NATIONAL BANK IN DALHART

By Claude Nelson
Escrow Agent

Appendix I
D.

EVIDENCE OF COMPETENCY

EVIDENCE OF COMPETENCY (30 TAC §330.59(f))

Solid Waste Site

The facility will be owned and operated by the City of Dalhart. The City of Dalhart owns, operates, and maintains a financial interest in the facility. The City of Dalhart does not own, operate, or maintain a financial interest in any other solid waste facilities.

The City of Dalhart has operated municipal solid waste disposal facilities in Texas since 1984. The table presented below lists the Texas solid waste facilities that have been owned and/or operated by the City of Dalhart in the past ten years unless otherwise indicated.

For permits, registrations, amendments, and modifications that change the legal description, a change in owner, or a change in operators, submit a list of all Texas solid waste sites that the owner and operator have owned or operated within the last ten years.				
Site Name	Site Type	Permit/Reg. No.	County	Dates of Operation
Dalhart MSW Landfill	MSW Landfill	1038A	Dallam	The current permit was authorized 04/02/1984

Management and Personnel

A licensed solid waste facility supervisor, as defined in 30 TAC Chapter 30, Occupational Licenses and Registrations, will be employed before commencing facility operation.

The City of Dalhart principals and supervisors who will be involved in the management and operations of the facility are:

Provide the names of the principals and supervisors of the owner's and operator's organization, together with previous affiliations with other organizations engaged in solid waste activities.		
Name	Previous Affiliation	Other Organization
James Stroud Assistant City Manager	City of Canadian – Landfill Operation	
David Gonzales Superintendent		
Bonifacio Basaldua Foreman		
Robert Schneider Operator		
Allen Stewart Gate Attendant		

Appendix I
E.

APPOINTMENTS

SIGNATURE PAGE

I, James Stroud, City Manager,
(Site Operator (Permittee/Registrant)'s Authorized Signatory) (Title)

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

Signature: _____ Date: 8-19-2020

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

I, James Stroud, hereby designate Dwight Brandt
(Print or Type Operator Name) (Print or Type Representative Name)

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

James Stroud
Printed or Typed Name of Operator or Principal Executive Officer

_____
Signature

SUBSCRIBED AND SWORN to before me by the said James Stroud
On this 27th day of August, 2020
My commission expires on the 17th day of Nov, 2021

Mari Perez
Notary Public in and for
Randall County, Texas
(Note: Application Must Bear Signature & Seal of Notary Public)

NOTARY PUBLIC STATE OF TEXAS
MARI PEREZ
MY COMMISSION EXPIRES
11/17/2021
NOTARY ID: 13135582-5

Appendix I
F.

OTHER ENVIRONMENTAL PERMITS
30 TAC 305.45(a)(7) (A-J)

OTHER ENVIRONMENTAL PERMITS

Existing Permits/Authorizations

The City of Dalhart, CN Number: CN600249114, has multiple permits with the TCEQ. In accordance with 30 TAC §305.45(a)(7), the existing permits and authorizations for the facility are summarized in the table below. The table is a list of all RN numbers associated with the City of Dalhart and their description from the TCEQ website.

Table 1-3: TCEQ Permit List

RN Number	Program	ID Type	ID Number	ID Status
RN103147401	Sludge	Registration	22473	Active
RN108842998	Tires	Registration	12114	Active
RN102791753				
RN102000882	Municipal Solid Waste Disposal	Permit	435	Cancelled
RN102119377	Municipal Solid Waste Disposal	Permit	995	Withdrawn
RN104440565	Stormwater	Permit	TXR05R689	Expired
RN102121381	Industrial and Hazardous Waste	Solid Waste Registration # (SWR)	H1038	Inactive
RN102121381	Municipal Solid Waste Disposal	Permit	1038	Inactive
RN102121381	Municipal Solid Waste Disposal	Permit	1038A	Active
RN102121381	Stormwater	Permit	TXR05Y400	Active
RN101508786	Used Oil	Registration	C82597	Active
RN102653482	Used Oil	Registration	C86948	Active
RN102329158	Used Oil	Registration	C82595	Active

RN101918357	**Stormwater**	**Permit**	**TXR05CK07**	**Expired**
RN101918357	**Wastewater**	**EPA ID**	**TX0057207**	**Active**
RN101918357	**Wastewater**	**Permit**	**WQ0010099001**	**Active**
RN102013547	**Petroleum Storage Tank Registration**	**Registration**	**3791**	**Inactive**
RN105589683	**Stormwater**	**Permit**	**TXR15LX67**	**Cancelled**
RN102014636	**Petroleum Storage Tank Registration**	**Registration**	**16228**	**Inactive**
RN104095674	**Air New Source Permits**	**Account Number**	**DA0012F**	**Cancelled**
RN104095674	**Industrial and Hazardous Waste**	**EPA ID**	**TXD000778639**	**Inactive**
RN104095674	**Industrial and Hazardous Waste**	**Solid Waste Registration # (SWR)**	**61003**	**Inactive**
RN101439677	**Public Water System/Supply**	**Registration**	**0560001**	**Active**
RN101439677	**Water Licensing**	**License**	**0560001**	**Active**
RN101602845	**Dam Safety**	**ID Number**	**TX03746**	**Active**

Appendix I
G.

APPLICATION FEES

078773

CITY OF DALHART - CONSOLIDATED CASH CLEARING
01-100008 Cust:TCEQ 01/10/20 Chk #:078773

INVOICE NUMBER	DATE	AMOUNT	INVOICE NUMBER	DATE	AMOUNT
202001093644 FILING FEE FOR PLANS TCEQ	1/09/2020	$150.00			

Total: $150.00

THE REVERSE SIDE OF THIS DOCUMENT INCLUDES MICROPRINTED ENDORSEMENT LINES AND ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW

THIS DOCUMENT IS PRINTED ON TONER ADHESION PAPER

HEAT SENSITIVE RED IMAGE DISAPPEARS WITH HEAT

078773

CITY OF DALHART
Consolidated Cash Clearing
P.O. BOX 2005 (806) 244-5511
DALHART, TEXAS 79022

FIRST STATE BANK
STRATFORD, TEXAS
88-863/1113

CHECK NO.
078773

---- ONE HUNDRED FIFTY & 00/100 DOLLARS ----

DATE 1/10/2020

AMOUNT $150.00

PAY TO THE ORDER OF

TCEQ
PO BOX 13089
AUSTIN, TX 78711-3089

CITY OF DALHART

HEAT SENSITIVE COLOR FADES WITH HEAT

⑈078773⑈ ⑆111308633⑆ 023676⑈

7018 3090 0000 8128 1475

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☐ Return Receipt (electronic) $0.00
☐ Certified Mail Restricted Delivery $0.00
☐ Adult Signature Required $0.00
☐ Adult Signature Restricted Delivery $
Postage $0.55
Total Postage and Fees $6.85

AMARILLO TX 0205 04 JAN 15 2020 LONESTAR STATION
Postmark Here
01/15/2020

Sent To TCEQ Financial Admin. Div. Cashiers Off
Street and Apt. No., or PO Box No. PO Box 13088
City, State, ZIP+4® Austin, TX 78711

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Certified (USPS Certified Mail #) (70183090000081281475)	$3.50
Return Receipt (USPS Return Receipt #) (9590940252949154844317)	$2.80
Total:	$6.85
Cash	$6.85

Text your tracking number to 28777 (2USPS) to get the latest status. Standard Message and Data rates may apply. You may also visit www.usps.com USPS Tracking or call 1-800-222-1811.

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or call 1-800-410-7420.

YOUR OPINION COUNTS

Appendix I
H.

TCEQ CORE DATA FORM

TCEQ Core Data Form

TCEQ Use Only

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

SECTION I: General Information

1. Reason for Submission (*If other is checked please describe in space provided.*)

☐ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☐ Renewal (*Core Data Form should be submitted with the renewal form*) ☒ Other **Registration**

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 600249114		RN

SECTION II: Customer Information

4. General Customer Information	5. Effective Date for Customer Information Updates (mm/dd/yyyy)	7/8/2004

☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership

☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name (*If an individual, print last name first: eg: Doe, John*) *If new Customer, enter previous Customer below:*

City of Dalhart

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*
	17560005070	756000507	093198562

11. Type of Customer: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited

Government: ☒ City ☐ County ☐ Federal ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees ☐ 0-20 ☒ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated? ☒ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☐ Operator ☒ Owner & Operator

☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address:	P.O. Box 2005						
	City	Dalhart	State	TX	ZIP	79022	ZIP + 4	2005

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*
	James@dalharttx.gov

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(806) 244-5511		(806) 244-4414

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (*If 'New Regulated Entity" is selected below this form should be accompanied by a permit application*)

☐ 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 Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).

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

City of Dalhart Municipal Solid Waste Landfill Transfer Station

23. Street Address of the Regulated Entity: *(No PO Boxes)*								
	City		**State**		**ZIP**		**ZIP + 4**	
24. County	Dallam							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	Macky Rd. (Nortex Rd.) & U.S. HWY. 87 North (3.9 Miles NW of Dalhart)				
26. Nearest City			**State**	**Nearest ZIP Code**	
Dalhart			TX	79022	
27. Latitude (N) In Decimal:	36.10444		**28. Longitude (W) In Decimal:**	102.5875	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
36	6	16	102	35	15

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
9511		562212	

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

Municipal Landfill Transfer Station

34. Mailing Address:	**P.O. Box 2005**							
	City	**Dalhart**	**State**	**TX**	**ZIP**	**79022**	**ZIP + 4**	**2005**

35. E-Mail Address:	**James@dalharttx.gov**	
36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(806) 244-5511		**(806) 244-4414**

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.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☒ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
1038A				
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Dwight Brandt	**41. Title:**	Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(806) 353-7233		(806) 353-7261	DLBrandt@brandtengineers.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:	City of Dalhart	**Job Title:**	City Manager
Name *(In Print)*:	James Stroud	**Phone:**	(806) 244- **5511**

Signature:		Date:	8-19-2020

MUNICIPAL SOLID WASTE LANDFILL TRANSFER STATION REGISTRATION APPLICATION

CITY OF DALHART, TEXAS

PART II – (30 TAC §330.61)

City of Dalhart Transfer Station
Type V
Dallam County
TCEQ Permit No. 1038A

Submitted May 2020
Revised August 2020

Brandt Engineers
F-4174

Prepared By:

BRANDT ENGINEERS®
TBPE Registration No. 4174
4537 Canyon Drive, Amarillo, Texas 79110
Ofc: 806/353-7233 Fax: 806/353-7261

MUNICIPAL SOLID WASTE LANDFILL
PART
II.
(30 TAC §330.61)

TABLE OF CONTENTS

INDEX OF APPENDICES

INDEX OF FIGURES

Brandt Engineers
F-4174

LIST OF ACRONYMS & ABBREVIATIONS:

ADC – Alternative Material Daily Cover

AE, IAE, IVAE – Aired Exempt Facilities

ASD – Alternate Source Demonstration

CESQG – Conditional Exempt Small Quantity Generator

CFCs – Chlorofluorocarbons

CFR – Code of Federal Regulations

COC – Constituent of Concern

COG – Council of Governments

CWA – Clean Water Act

ED – Executive Director

FAA – Federal Aviation Administration

FEMA – Federal Emergency Management Administration

GW – Groundwater

Haz. - Hazardous

HDPE – High Density Polyethylene

ID - Identification

MCL – Maximum Contaminant Level

MSW – Municipal Solid Waste

NPDES – National Pollutant Discharge Elimination System

NESHAPS – National Emission Standards for Hazardous Air Pollutants

PCB – Polychlorinated Biphenyls

PE & PG – Professional Engineer or Geoscientist

Perm. – Permeability

POR – Professional of Record

QA/QC – Quality Assurance/Quality Control

LIST OF ACRONYMS & ABBREVIATIONS (CONTINUED):

RACM – Regulated Asbestos Containing Material

SLER – Soil Liner Evaluation Report

SOP – Site Operating Plan

SPCC – Spill Prevention Control & Countermeasure

SSI – Statistically Significant Increase

TDS – Total Dissolved Solids

THSC – Texas Health & Safety Code

TRCA – Texas Radiation Control Act

TPDES – Texas Pollutant Discharge Elimination System

TWC – Texas Water Code

TXDOT – Texas Department of Transportation

USGS – United States Geological Survey

USEPA – United States Environmental Protection Agency

CONTENTS OF PART II OF THE APPLICATION (30 TAC §330.61)

1 INTRODUCTION

Part II of this registration application for the Dalhart Transfer Station has been prepared consistent with the State of Texas requirements set forth in Title 30 TAC §330.61. Part II is in accordance with Title 30 TAC §330.57(c)(2). The remaining portions of Part II presents information on specific existing conditions on and around the site and regulatory matters related to the application process.

2 EXISTING CONDITIONS SUMMARY (30 TAC §330.61(a))

As outlined in Part I of the application, the City of Dalhart is requesting approval to construct a transfer station at the existing municipal solid waste landfill facility.

The proposed transfer station is designed as a temporary structure and will be removed during the final closure. All wastewater generated as a result of the transfer station activities will be contained in a closed system. The wastewater will be collected through a closed drainage system to a holding tank. Discharge from the holding tank will be hauled to the City of Dalhart Wastewater Treatment Plant. At the final closure, the transfer station will be removed and the area will be filled to meet the final cover. Receiving authorization for the proposed transfer station will not affect any site-specific conditions, require special design considerations, nor require mitigation of conditions identified in subsections 30 TAC §330.61(h-o).

3 WASTE ACCEPTANCE PLAN (30 TAC §330.61(b))

3.1 Characteristics of Waste (30 TAC §330.61(b)(1))

City of Dalhart Transfer Station is proposed to be operated as a Type V facility. The facility will receive, process and dispose of Type I and Type IV municipal solid wastes. The facility accepts waste for disposal from both public and private entities in and around the City of Dalhart, Dallam County, Hartley County Texas, and surrounding counties. The facility serves an estimated population of approximately 8,600 people.

The proposed permit for the transfer station will not alter the current disposal patterns. The characteristics of the waste types discussed in this section are considered in the design and operation of the facility.

The major classifications of solid waste to be accepted at the City of Dalhart Transfer Station include household waste, yard waste, commercial waste, industrial waste (non-hazardous), construction-demolition waste, and some special wastes. The disposal location is indicated in parenthesis for each classification. Each classification of waste is defined by §330.3 as follows (note that not all of the special wastes listed in §330.3(148) will be accepted at this site - refer to Part IV for additional information):

* **Household Waste: (Type I)** Any solid waste (including garbage, trash, and sanitary waste in septic tanks) derived from households (including single and multiple residences, hotels, motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day-use recreation areas); does not include brush.

* **Yard Waste: (Type IV)** Leaves, grass clippings, yard and garden debris, and brush, including clean woody vegetative material not greater than 12 inches in diameter that results from landscaping maintenance and land-clearing operations. The term does not include stumps, roots, or shrubs with intact root balls. At the owner's discretion, material from this waste stream may be diverted to the mulching area.

* **Commercial Solid Waste: (Type I)** All types of solid waste generated by stores, offices, restaurants, warehouses, and other non-manufacturing activities, excluding residential and industrial wastes.

* **Industrial Waste (Nonhazardous): (As Noted)** Solid waste identified in 30 TAC §330.173 resulting from or incidental to any process of industry, manufacturing, mining or agricultural operations, classified as follows:

    - No Class 1 Industrial or Hazardous Waste can be accepted or received for disposal by the facility.
    - Class 2 Industrial Solid Waste – (Type I) any individual solid waste or combination of industrial solid wastes that cannot be described as Class 1 or Class 3, as defined in §335.506 (related to Class 2 waste determination).
    - Class 3 Industrial Solid Waste – (Type IV) any inert and essentially insoluble industrial solid waste, including materials such as rock, brick, glass, dirt, and certain plastics and rubber, etc. that are not readily decomposable as defined in §335.507 (related to Class 3 waste determination).

    Construction-Demolition Waste: (Type IV) Waste resulting from construction or demolition projects; includes all materials that are directly or indirectly the by-products of construction work or that result from demolition of buildings and other structures including but not limited to, paper, cartons, gypsum board, wood, excelsior, rubber, and plastics.

Wastes shall not contain, or the transfer station will not accept the following:

- Regulated hazardous waste
- Polychlorinated Biphenyls (PCBs) waste
- Lead acid storage batteries
- Do-it-Yourself (DIY) used motor oil
- Used oil filters from internal combustion engines
- Whole used or scrap tires
- Items containing chlorinated fluorocarbons (CFCs), such as refrigerators, freezers, and air conditioners, shall only be accepted at the site if the generator or transporter provides written certification that the CFC has been evacuated from the unit and that it was not knowingly allowed to escape into the atmosphere
- Liquid waste
- Regulated Asbestos Containing Materials (RACM)
- Industrial Waste

The acceptance and/or disposal of special wastes shall not be allowed for the following unless prior written approval by the Executive Director:

1) Special wastes from health-care-related facilities which include animal waste, bulk human blood, blood products, body fluids, microbiological waste, pathological waste, and sharps as defined in 25 TAC Section 1.132

2) Soils contaminated by petroleum products, crude oils, or chemicals in concentrations of 1,500 milligram per kilogram (mg/kg) total petroleum hydrocarbons; or contaminated by constituents of concern that exceed the concentrations listed in Constituents of Concern and Their Maximum Leachable Concentrations in 30 TAC §335.521(a)(1) of this title must be disposed in dedicated cells that meet the requirements of 30 TAC §330.331 (e) of this title (relating to Design Criteria). Requests for approval to accept special wastes shall be submitted to the Executive Director and shall include, but are not limited to the following:

- A complete description of the chemical and physical characteristics of each waste, a statement as to whether or not each was in a Class I industrial waste as defined in 30 TAC

Section 33.2 (relating to Definitions) and the quantity and rate at which each waste is produced and/or the expected frequency of disposal.

- An operational plan containing the proposed procedures for handling each waste and listing required protective equipment for operating personnel and on-site emergency equipment.
- A contingency plan outlining responsibilities for containment and cleanup of any accidental spills occurring during the delivery and/or disposal operation. The Executive Director may issue an approval to receive special wastes without a written request from the City of Dalhart; however, in such cases the site operator is not required to accept the wastes. The Executive Director may revoke an authorization to accept special wastes if the City of Dalhart does not maintain compliance with these rules or conditions imposed in the authorization to accept special wastes. The acceptance and/or disposal of a special waste as defined in 30 TAC §330.3 (relating to Definitions) which is not specifically identified in subsections (c) or (d) of 30 TAC §330.171, or in 30 TAC §330.173 (relating to Disposal of Industrial Wastes) shall not be accepted at the Dalhart Municipal Transfer Station without prior written approval from the Executive Director. Approvals will be waste-specific and/or site-specific and will be granted only to appropriate facilities operating in compliance with this chapter.

3.2 Waste Acceptance Rate

The average estimated daily waste generation rate for the next five years for the City of Dalhart landfill is approximately 35 tons per day. The allowable maximum daily waste acceptance rate for the landfill is 20 tons per day. The transfer station will be in place to divert the overflow waste from the landfill. The transfer station will receive an average of about 15 tons per day with a maximum waste acceptance rate of 20 tons per day. The intended destination for the overflow solid waste received is at the City of Amarillo landfill.

An estimated maximum daily and annual waste acceptance rate for the City of Dalhart landfill projected for five years (beginning in 2020) is shown in the following table.

Year	Waste Acceptance Rate (tons per year)	Waste Acceptance Rate (tons per day)
2020	10699.65	34.29
2021	10790.07	34.58
2022	10880.50	34.87
2023	10970.92	35.16
2024	11061.34	35.45
2025	11151.77	35.74

Note:

(1) The estimated daily average waste acceptance rate is calculated by dividing the estimated annual rate by 312 days (i.e., 6-day/week operations), rounded to the nearest hundred tons. Individual daily acceptance rates are expected to fluctuate on a day-to-day basis, but will not exceed the maximum amount allowed to be received daily.

In addition to the waste acceptance rates tabulated above, the following storage-related amounts and durations are established:

- Thus, on average, solid waste accepted at the facility will be transferred on demand and will not be held at the facility.

- No waste will be stored at the facility.

Based on an estimated five pounds of waste generated daily per person, the average population equivalent for this site is approximately 11,727 persons (calculations are presented in Part III Section 5 Waste Management Unit Design). As landfill disposal conditions change within the transfer station service areas, adjustments to the service area population may occur.

3.3 Registration Applications (30 TAC §330.61(b)(2))

This facility will be used in the transfer of MSW that will transfer less than 125 tons per day. Therefore this facility qualifies for a registration in accordance with §330.9.

4 GENERAL LOCATION MAPS (30 TAC §330.61(c))

The maps outlined below are provided in Appendix II-I, each is identifiable with its respective figure number. The provided maps show the items required by §330.61(c).

4.1 General Location Map – Area (Figure 2-2)

Figure 2-2 General Location Map – Area includes the following requirements:

- Constructed map showing boundary, zoning and land use within one mile.
- Schools, licensed day-care facilities, churches, hospitals, cemeteries, ponds, lakes, and residential, commercial, and recreational areas within one mile of the facility.
- The location and surface type of all roads within one mile of the facility that will normally be used by the owner or operator for entering or leaving the facility.
- Location of all area streams.
- Location of all airports within six miles.

4.2 General Location Map - Site (Figure 2-3)

Figure 2-3 General Location Map – Site includes the following requirements:

- No water wells exist within 500 feet of the proposed permit boundary with state numbering designation.
- All structures and inhabitable buildings within 500 feet of the proposed facility are shown.
- Latitudes and longitudes are shown.
- Property boundaries of the facility are shown.
- Facility access control features are indicated.
- No archaeological sites, historical sites, or sites with exceptional aesthetic qualities exist adjacent to the facility.
- Onsite buildings are shown.

4.3 Wind Rose Map (Figure 2-4)

Figure 2-4 Wind Rose Map includes the following requirements:

- Prevailing wind direction with a wind rose.

5 FACILITY LAYOUT MAPS (30 TAC §330.61(d))

The maps outlined below are provided in Appendix II-I, each is identifiable with its respective figure number. The provided maps show the items required by §330.61(d).

5.1 Facility Layout Map (Figure 2-5)

Figure 2-5 Facility Layout Map includes the following requirements:

- General locations of main interior facility roadways.
- No monitor wells exist at this arid exempt facility.
- There is no phased sequences of development.
- Fencing is shown.
- Dimensions of cells or trenches.
- Drainage, pipeline, and utility easements within or adjacent to the facility.

6 GENERAL TOPOGRAPHIC MAPS (30 TAC §330.61(e))

A United States Geological Survey (USGS) 7 ½ minute quadrangle sheet for the facility is provided in Appendix II-I, Figure 2-6. At a scale of one inch equals 2,000 feet.

7 AERIAL PHOTOGRAPH (30 TAC §330.61(f))

An aerial photograph exhibiting the site boundaries, the fill areas, and the area greater than a one-mile radius of the site boundaries is presented in Appendix II-I, Figure 2-7.

8 LAND USE MAP (30 TAC §330.61(g))

A map of the site showing the boundary of the property and actual land uses both within the site and within one mile of the site is presented in Appendix II-I, Figure 2-8. No existing zoning on or surrounding the property exists. The general use of the property surrounding the facility is agricultural and commercial-agricultural uses. Commercial properties in the one-mile radius include a feedlot and an agricultural chemical company. An intermittent drainage pond exists on the commercial feedlot property. Residential structures do exist within a one-mile radius but are sporadic. Residential and commercial buildings within one mile of the facility are shown in Figure 2-8. No schools, church/place of worship, cemeteries, licensed day care facilities, or lakes are located within one mile of the facility. Access roads serving the site include U.S. Highway 87 and Nortex Road, both are shown in Figure 2-8. A utility easement exists in the 50-foot buffer zone along the east property boundary containing an overhead electric line and a gas pipeline. The gas pipeline runs approximately 13 feet inside the east property boundary. The easement is depicted in Figure 2-8 and the utility locations are outlined in greater detail in the Facility Layout Map, Figure 2-5, also in Appendix II-I. No solid waste unloading, storage, disposal, or processing operations shall occur within any easement, buffer zone, or right-of-way that crosses the facility. No solid waste disposal shall occur within 25 feet of the center line of any utility line or pipeline easement and no closer than the easement in accordance with §330.543(a).

9 IMPACT ON SURROUNDING AREA (30 TAC §330.61(h))

The following information has been provided to show the impact this existing facility has on cities, communities, groups of property owners, or individuals by analyzing the compatibility of land use, zoning in the vicinity, community growth patterns, and other factors associated with the public interest.

9.1 Published Zoning Map (30 TAC §330.61(h)(1))

The transfer station is about 3.9 miles NW of Dalhart; SW of U.S. Highway 87 at intersection of U.S. Highway 87 with Nortex Rd. The transfer station lies wholly outside its city limits and extraterritorial jurisdiction (ETJ) of the City of Dalhart. The site is about three miles from the nearest city limits boundary. Although the City of Dalhart is the closest incorporated city to the site, the city has no zoning authority over the site. Dallam County also has no zoning or special-use requirements that affect the site.

The facility is not zoned. The City of Dalhart does not require a zoning variance for the use of the facility.

9.2 Character of Surrounding Land Uses (30 TAC §330.61(h)(2))

Current land use within one mile of the facility is shown in the Land Use Map, Figure 2-8. The general use of the property surrounding the facility is agricultural and commercial-agricultural uses. Agricultural uses include irrigated and non-irrigated farmlands and ranchland. Commercial properties in the one-mile radius include a feedlot and an agricultural chemical company. Residential structures do exist within a one-mile radius but are sporadic. Residential and commercial buildings within one mile of the facility are shown in Figure 2-8, in Appendix II-I. Roadways comprise less than 3% of the area within a mile of the site. U.S. Highway 87, two county roads, and several private roads are the only roadways within a mile of the permit boundary.

9.3 Growth Trends of the Nearest Communities (30 TAC §330.61(h)(3))

The site is about three miles from the nearest city limits boundary of the City of Dalhart. Census data was used to determine the growth trend (or percent change in population) of the City of Dalhart as well as Dallam County and Hartley County. The census information and growth trends for this community are presented in Table II-1, Growth Trends. The population projections were obtained from the Texas Water Development Board planning data.

Table II-1
Growth Trends

Texas Water Development Board:
2021 Regional Water Plan County Population Projection for 2020-2070

County	2020	2030	2040	2050	2060	2070
Dalhart	8,802	9,664	10,514	11,338	12,127	12,881
Dallam	7,718	8,668	9,667	10,650	11,594	12,503
Hartley	6,281	6,631	6,817	6,950	7,069	7,164

Although the City of Dalhart is projected to see a population increase over the next thirty years, no known new developments are planned for the area within a five-mile radius of the site. It is projected that growth patterns will be consistent with the previous growth patterns including slow growth inside the city limits and scattered homes and businesses built outside the city limits.

9.4 Proximity to Residences and Other Uses (30 TAC §330.61(h)(4))

Figure 2-9 is provided to graphically present the information in the following paragraph.

No schools, churches, cemeteries, historic structures and sites, archaeologically significant sites, sites having exceptional aesthetic quality exist within one mile of the facility. Two commercial properties exist in the one-mile radius which include a feedlot and an agricultural chemical company. The feedlot is north of the facility on the opposite side of U.S. Highway 87. The feedlot has multiple structures including bulk feed storage buildings, equipment storage buildings, scale house, and livestock shelters. The chemical company is east of the facility on the opposite side of Nortex Road. The chemical company has multiple structures including equipment storage buildings, bulk chemical storage facilities, scale house, and commercial offices. Four residences exist in the one-mile radius. Residential and commercial buildings within one mile of the facility are shown in Figure 2-9, including the distances from the facility's property boundary.

9.5 Water Wells Within 500 Feet (30 TAC §330.61(h)(5))

No registered water wells are documented by the TCEQ water well database, the TWDB water well database, or the North Plains Groundwater Conservation District to be present within 500 feet of the permit boundary.

9.6 Land Use Conclusions

The use of this land for a municipal solid waste site represents a compatible land use for the following reasons:

- The site has long been established as a waste processing and disposal facility.
- The site has not shown to negatively affect area growth trends.
- The changes proposed in this registration will not significantly alter the existing operation of the facility.

10 TRANSPORTATION (30 TAC §330.61(i))

Information contained herein, regarding transportation, was obtained from the City of Dalhart Transportation Department, TXDOT, and was extracted from the 2019 Annual Average Daily Traffic (AADT).

10.1 Roads Availability And Adequacy (30 TAC §330.61(i)(1))

The primary roads used to access the site are U.S. Highway 87 and Nortex Road. U.S. Highway 87 is a paved highway maintained by the Texas Department of Transportation, and Nortex Road has an all-weather caliche surface maintained by Dallam County.

10.2 Vehicular Volume (30 TAC §330.61(i)(2)(3))

The volume of vehicular traffic on the access roads within one mile of the facility is not expected to increase because of this registration. The Texas Department of Transportation (TXDOT) estimated the volume of vehicular traffic on U.S. Highway 87 at 6,600 vehicles per day, and projected 2039 Annual Average Daily Traffic of 9,100 vehicles per day. Coordination with TXDOT regarding traffic and location restrictions is included in Appendix II-J, demonstration of coordination.

10.3 Airport Impact (30 TAC §330.61(i)(5))

Figure 2-2 shows the closest public airport to be the Dalhart Municipal Airport, located approximately five miles southeast of the site. The distance to the closest runway end is approximately 28,000 feet. This distance exceeds the distance restrictions set forth in §330.545 for both turbojet and piston-engine aircraft.

Because the proposed transfer station is located much more than 10,000 feet from the end of any airport runway, a demonstration or airport safety per 30 TAC §330.545(a), is not required. Furthermore, because the proposed transfer station is not a “landfill unit” or “lateral expansion” of a landfill unit, the FAA and airport notifications for landfills within a six-mile radius of an airport (or five-mile radius of any large commercial airport runways), per 30 TAC §330.545(b), are not applicable.

The transfer station will manage solid waste indoors, within a single-story building with a roof, of a height much lower than surrounding terrain. Therefore, no adverse impacts to air traffic or airport safety will be created by transfer station operation.

11 GENERAL GEOLOGY AND SOILS STATEMENT (30 TAC §330.61(j))

11.1 Geology and Soils

The landfill is located in the south central part of Dallam County. The proposed transfer station will be located directly south of the landfill. Dallam County generally slopes gently to the southeast and a few intermittent streams follow the southeasterly slope and provide local topographic relief. The topography of the area is relatively flat. The site has approximately ten feet of relief that is provided by its proximity to Rita Blanca Creek. The facility lies in an area comprised of Loess materials.

12 UNSTABLE AREAS (30 TAC §330.559)

§330.559 notes that an unstable area is defined to be a location that is susceptible to natural or human-induced events or forces capable of impairing the integrity of some or all of a landfill's structural components responsible for preventing releases from the landfill; unstable areas can include poor foundation conditions, areas susceptible to mass movement, and karst terrains. During the last 27 years of operation at this existing facility no evidence of unstable conditions have been noted in or near the facility. The site does not have local soil conditions that would typically experience significant differential settling, and no geologic or geomorphologic features have been identified that would result in unstable conditions. Due to the absence of soluble bedrock formations beneath the facility, there is no potential for karst conditions to occur.

13 GROUNDWATER AND SURFACE WATER (30 TAC §330.61(k))

The groundwater underlying the proposed site is part of the Ogallala Aquifer. The Ogallala is the major water bearing formation of the area ranging from 0 to 900 feet. Typical groundwater depths near the transfer station area are approximately 300 feet.

The transfer station is located approximately 2,000 feet east of Rita Blanca Creek, and approximately 6.5 miles North West of Rita Blanca Lake. The general slope of the site is to the southwest towards Rita Blanca Creek. The facility is located within the Rita Blanca Watershed (EPA Watershed #11090103). This arid exempt facility receives an average yearly rainfall of less than 19 inches. Run-off is managed by maintaining low sloped surfaces to direct run-off away from the active areas and to the natural drainage ways.

The municipal solid waste facility will comply with applicable Texas Pollutant Discharge Elimination System (TPDES) storm water permitting requirements and the Clean Water Act, §402, as amended. Refer to Appendix II-K for a copy of the most recent TPDES permit.

14 ABANDONED OIL AND WATER WELLS (30 TAC §330.61(l))

Review of North Plains Groundwater Conservation District records, TCEQ water well database, and the TWDB water well database indicate no existing or abandoned water wells on the property and no abandoned or existing wells within 500 feet of the facility. Refer to Appendix II-J – Correspondence Letters for correspondence from North Plains Groundwater Conservation District. Likewise, a review of the Railroad Commission of Texas (RRC) Public GIS Map identified no existing or abandoned crude oil, natural gas wells, or other wells under RRC jurisdiction at the transfer station site.

At the time of this submittal, there are no known abandoned oil, gas, or water wells at the site. However, if an abandoned oil, gas, or water well is located during the course of facility development, the manager will provide written notification to the TCEQ's Executive Director of their location within 30 days after discovery. As the site is developed, if any wells are encountered, they will be exposed, the casing cut to a minimum of two feet below the excavation, and the well capped and plugged in accordance with all applicable rules and regulations of the TCEQ, the Railroad Commission of Texas, or other applicable state agency.

15 FLOODPLAIN AND WETLANDS STATEMENT (30 TAC §330.61(m))

The City of Dalhart Transfer Station is not seeking approval for the construction of any levee of other improvement requiring a review by the commission in accordance with Chapter 301, Subchapter C. The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) Wetlands Mapper indicates that no wetlands area exists within the facility boundary nor within one mile of the facility boundary. The site was reviewed by the United States Corps of Engineers relative to Section 404 of the Clean Water Act. Because no fill material will be permanently or temporarily placed into any waters of the United States, it was determined that a permit for the use of any wetlands area will not be required. Refer to Appendix II-J, Agency Response Letters.

Dallam County does not participate in the National Flood Insurance Program and no special flood hazard maps or FEMA maps are available. The facility is outside of the Rita Blanca Creek 100-year floodplain.

CERTIFICATION OF LOCATION RESTRICTION (30 TAC §330.553)

Wetlands

Based on the information sited in this application above the facility is not considered to be in wetlands.

Applicants Signature

Engineers Seal

Brandt Engineers
F-4174

16 ENDANGERED OR THREATENED SPECIES (30 TAC §330.61(n)(1))

The City of Dalhart shall consider the impact of a solid waste disposal facility upon endangered or threatened species. The facility and the operation of the facility shall not result in the destruction or adverse modification of the critical habitat of endangered or threatened species, or cause or contribute to the taking of any endangered or threatened species.

17 TEXAS HISTORICAL COMMISSION REVIEW (30 TAC §330.61(o))

A Texas Historical Commission coordination letter is included in Appendix II-J. The Historical Commission concluded that no historic properties would be affected by the proposed registration application.

18 COUNCIL OF GOVERNMENTS (30 TAC §330.61(p))

Parts I and II of this Registration will be submitted to the Panhandle Regional Planning Commission for review by the Panhandle Regional Solid Waste Management Advisory Committee (RSWMAC). The RSWMAC will review the application for compliance with regional solid waste plans. Formal documentation of the review will be provided in Appendix II-J.

Applicants Signature

Engineers Seal

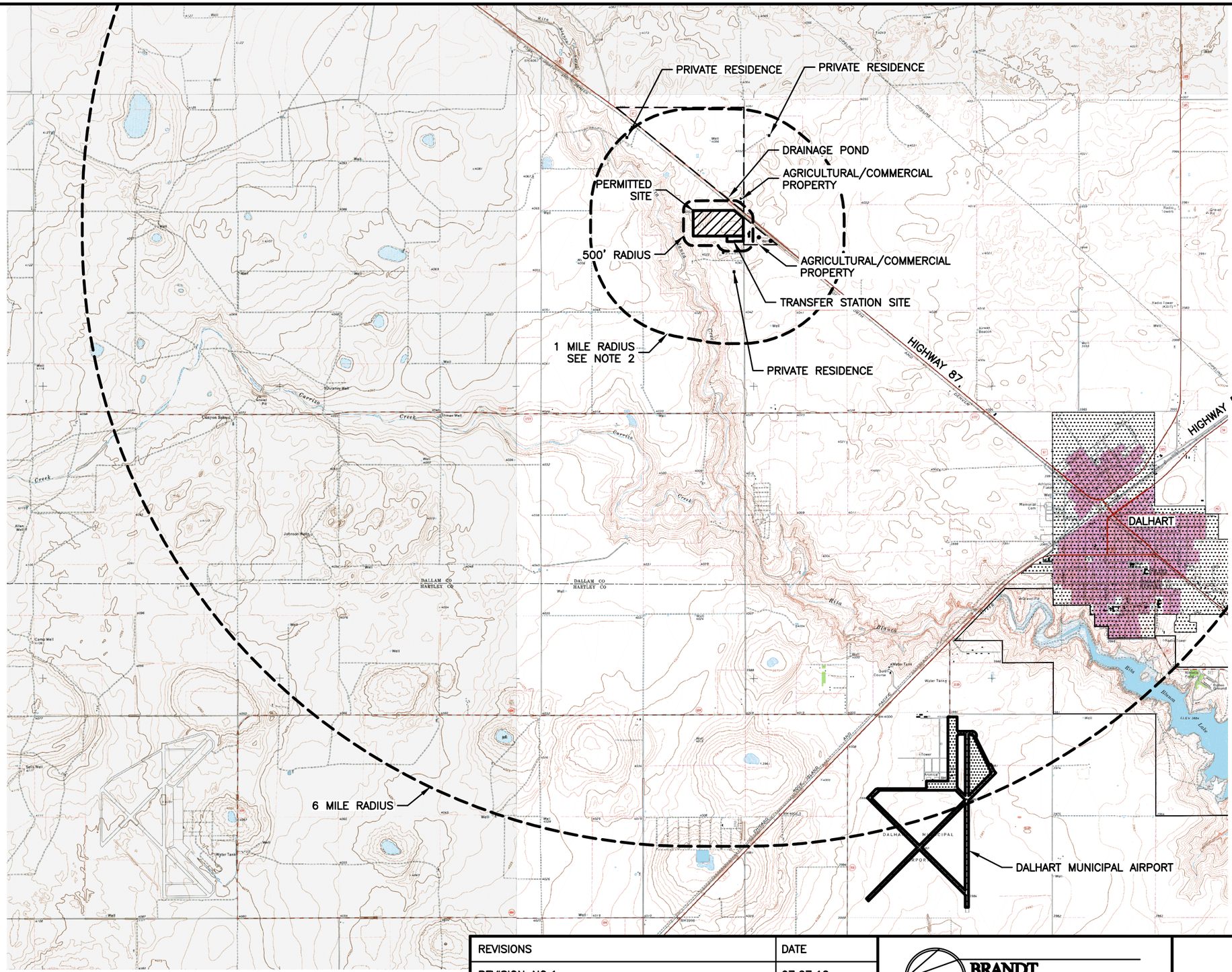
Brandt Engineers
F-4174

Appendix II
I.

FACILITY MAPS AND FIGURES

INDEX

Brandt Engineers
F-4174



NOTES:

1. ALL TOPOGRAPHIC INFORMATION TAKEN FROM UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE QUADRANGLE SHEETS DALHART WEST TEX.
2. THERE ARE NO SCHOOLS, LICENSED CHILD CARE FACILITIES, CHURCHES, CEMETERIES, LAKES, OR RECREATIONAL AREAS IN THE ONE–MILE SITE BOUNDARY.

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface

Secondary highway, hard surface — Unimproved road

Interstate Route — U. S. Route — State Route

TEXAS

QUADRANGLE LOCATION

DALHART WEST, TEX.
N3600—W10230/7.5
1973
AMS 5456 II SE—SERIES V882

N

0.5 0 1

SCALE: 1" = 1 MILE

STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER

6/15/20

BRANDT ENGINEERS
F–4174
(FOR PERMIT PURPOSES ONLY)

REVISIONS	DATE
REVISION NO.1	07.27.12
REVISION NO.2	05.14.20
REVISION NO.3	06.15.20

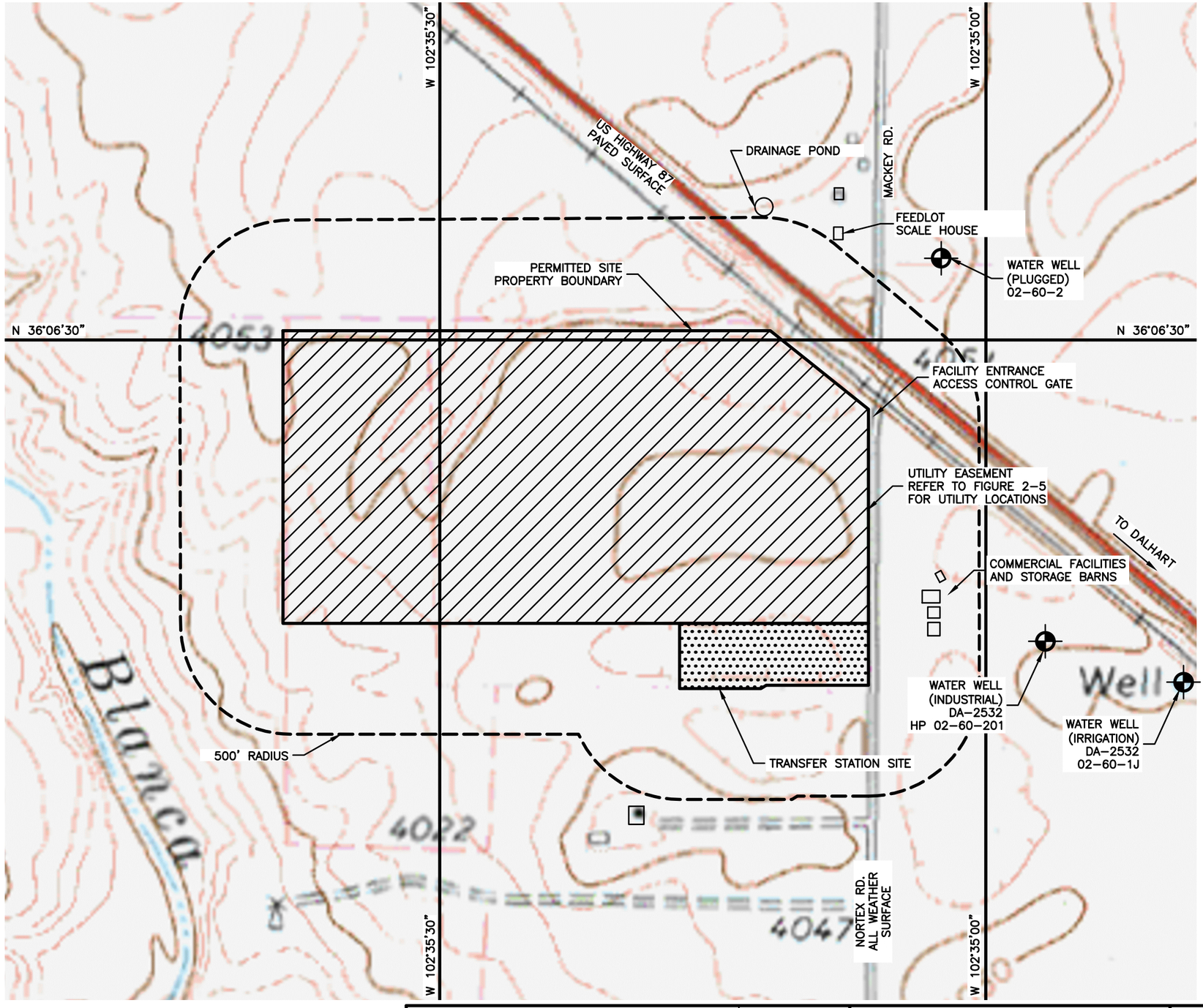
BRANDT ENGINEERS ®
TEXAS REGISTERED ENGINEERING FIRM F–4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110

CITY OF DALHART
MAJOR PERMIT AMENDMENT
PART II

GENERAL LOCATION MAP - AREA

PROJ. NO. 82150 | DATE: JUNE 2020 | SCALE: 1"= 1 MILE

PAGE: I–2
FIGURE:
#2-2



NOTES:

1. THERE ARE NO SCHOOLS, LICENSED CHILD CARE FACILITIES, CHURCHES, CEMETERIES, LAKES, OR RECREATIONAL AREAS IN THE ONE-MILE SITE BOUNDARY.
2. THERE ARE NO ARCHAEOLOGICAL SITES, HISTORICAL SITES AND SITES WITH EXCEPTIONAL AESTHETIC QUALITIES ADJACENT TO THE SITE.
3. ALL TOPOGRAPHIC INFORMATION TAKEN FROM UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE QUADRANGLE SHEETS.
4. WELL LOCATIONS ESTIMATED FROM STATE OF TEXAS WATER WELL REPORTS.

ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD

Interstate Route | US Route | State Route

TEXAS
QUADRANGLE LOCATION

N

250 0 500
SCALE: 1" = 500'

STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER

6/15/20

BRANDT ENGINEERS
F-4174
(FOR PERMIT PURPOSES ONLY)

REVISIONS	DATE
REVISION NO.1	06.15.20

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TEXAS REGISTERED ENGINEERING FIRM F-4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110

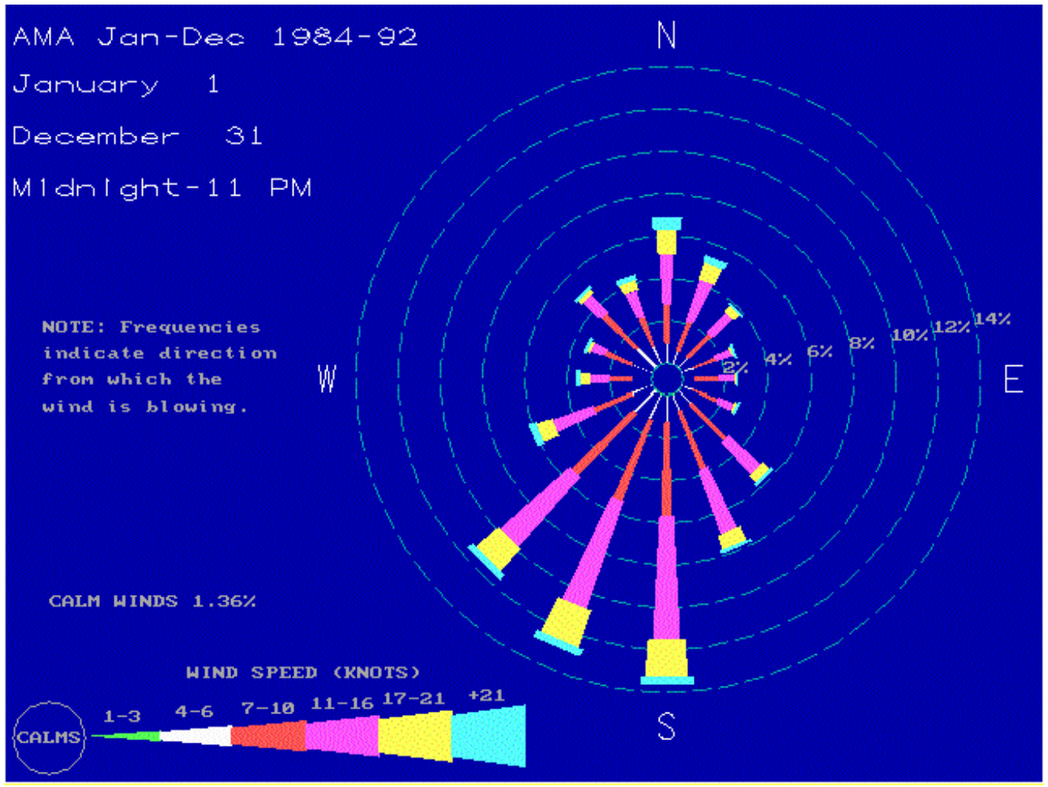
CITY OF DALHART
MAJOR PERMIT AMENDMENT
PART II

GENERAL LOCATION MAP - SITE

PROJ. NO. 82150 | DATE: JUNE 2020 | SCALE: 1"=500'

PAGE: I-3

FIGURE: #2-3



SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA), NATIONAL CLIMATIC DATA CENTER, AMARILLO, TEXAS, 1984–1993.

STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER
2/5/20

BRANDT ENGINEERS
F–4174
(FOR PERMIT PURPOSES ONLY)

REVISIONS	DATE

BRANDT ENGINEERS ®
TEXAS REGISTERED ENGINEERING FIRM F-4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110

CITY OF DALHART
MAJOR PERMIT AMENDMENT
PART II

WIND ROSE

PROJ. NO. 82150 | DATE: MAY 2020 | SCALE: N/A

PAGE: I–4

FIGURE:

#2-4

*NOTE
WASTE TRUCKS ARE WEIGHED BEFORE AND AFTER DISPOSING WASTE.

U.S. HIGHWAY 87

SCALE

EMPLOYEE PARKING

SCALE HOUSE

VISITOR PARKING

PROPOSED ACCESS ROAD

NORTEX RD.

LEGEND

TRAFFIC FLOW

PROPOSED TRANSFER STATION BUILDING

PROPOSED ACCESS ROAD

PROPOSED CONCRETE

N

50 0 100

SCALE: 1" = 100'

STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER

8/14/20

BRANDT ENGINEERS
F-4174

(FOR PERMIT PURPOSES ONLY)

EXISTING LANDFILL PERIMETER FENCE

PROPOSED ACCESS ROAD

PROPOSED HYDROPNEUMATIC TANK

PROPOSED WATER WELL

PROPOSED TRANSFER STATION BUILDING

PROPOSED ACCESS ROAD

GATES TO REMAIN CLOSED DURING NORMAL OPERATIONS

PROPOSED DRAINAGE CHANNEL "A"

REVISIONS	DATE
REVISION NO. 1	08.14.20

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4537 CANYON DRIVE AMARILLO, TEXAS 79110

CITY OF DALHART
TRANSFER STATION REGISTRATION APPLICATION

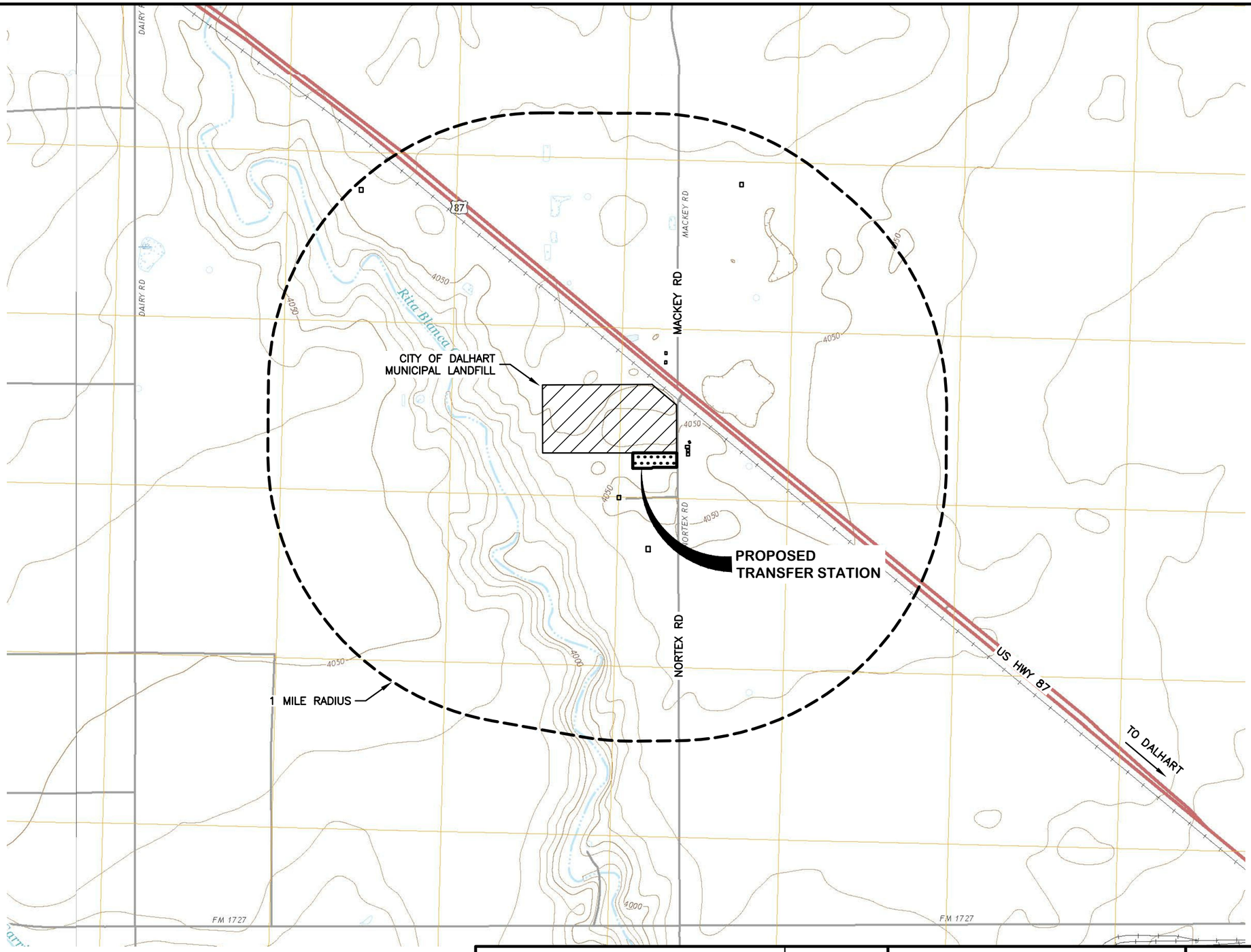
TRAFFIC FLOW DIAGRAM

PROJ. NO. 82150 | DATE: AUGUST 2020 | SCALE: 1"=100'

PAGE: I-5

FIGURE:

#2-5



NOTE:

ALL TOPOGRAPHIC INFORMATION TAKEN FROM UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE QUADRANGLE SHEETS.

ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
State Route	

TEXAS

DALHART WEST, TX
2019

N

1,000 0 2,000
SCALE: 1" = 2,000'

STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER

6/15/20

BRANDT ENGINEERS
F-4174
(FOR PERMIT PURPOSES ONLY)

REVISIONS	DATE
REVISION NO.1	06.15.20

BRANDT ENGINEERS ®
TEXAS REGISTERED ENGINEERING FIRM F-4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110

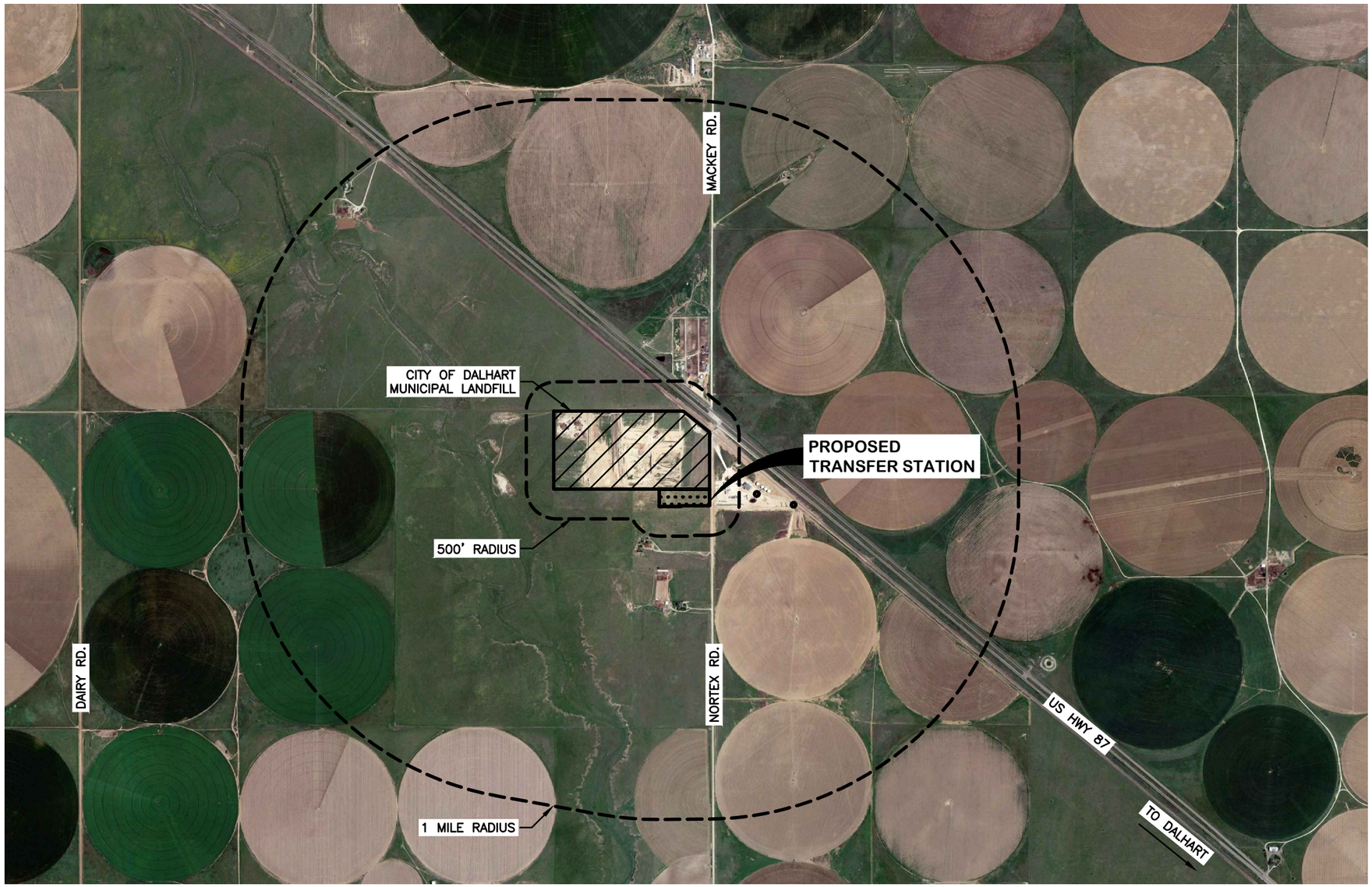
CITY OF DALHART
MAJOR PERMIT AMENDMENT
PART II

GENERAL TOPOGRAPHIC MAP

PROJ. NO. 82150 | DATE: JUNE 2020 | SCALE: 1"= 2,000'

PAGE: I-6

FIGURE:
#2-6



N

1,000 0 2,000

SCALE: 1" = 2,000'

LEGEND

DALHART MUNICIPAL LANDFILL

PROPOSED TRANSFER STATION

STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER

6/15/20

BRANDT ENGINEERS
F-4174

(FOR PERMIT PURPOSES ONLY)

REVISIONS	DATE
REVISION NO.1	06.15.20

BRANDT ENGINEERS ®
TEXAS REGISTERED ENGINEERING FIRM F-4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110

CITY OF DALHART
TRANSFER STATION REGISTRATION APPLICATION
PART II

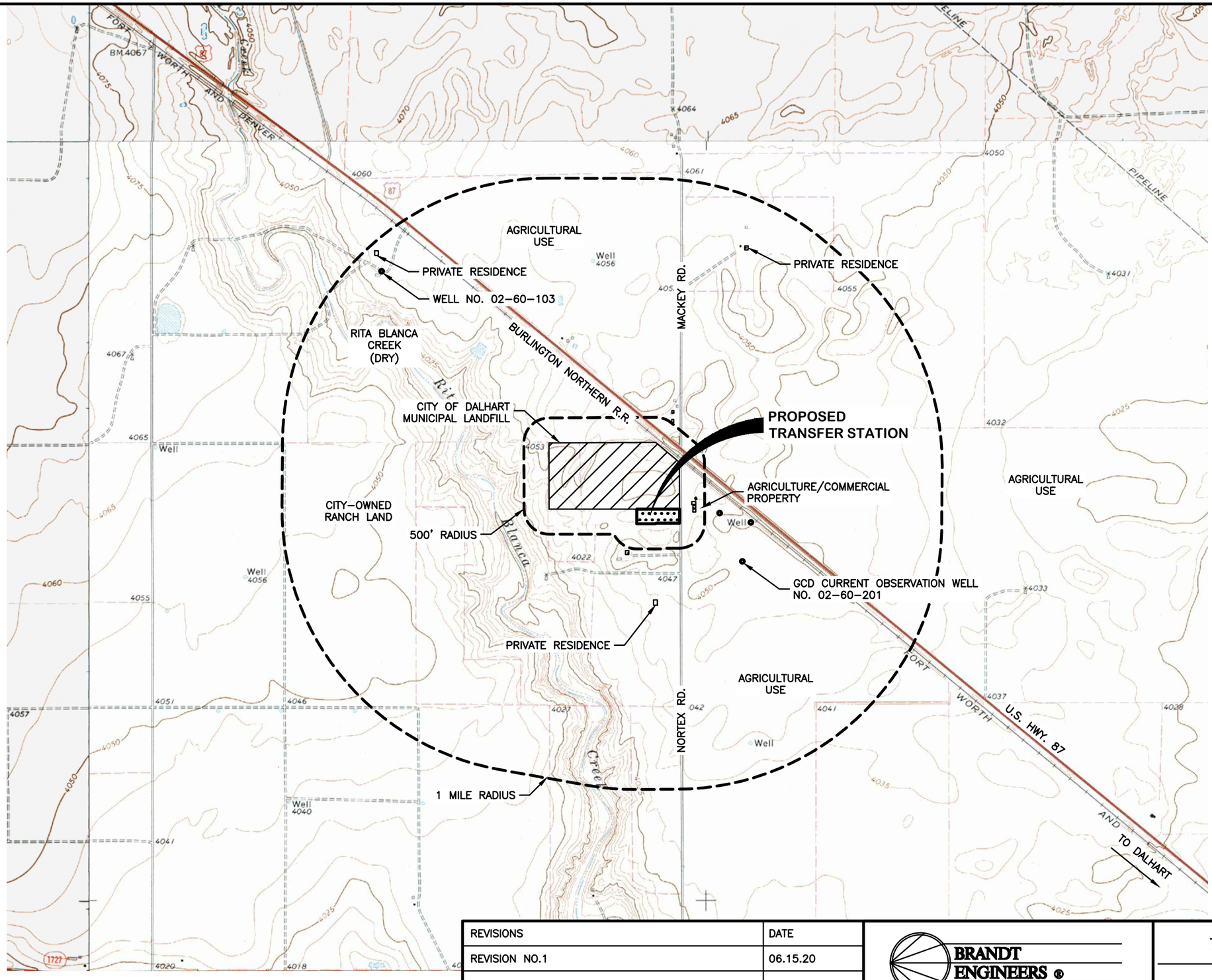
AERIAL PHOTOGRAPH

PROJ. NO. 82150 | DATE: JUNE 2020 | SCALE: 1"= 2,000'

PAGE: I-7

FIGURE:

#2-7



NOTES:

1. ALL TOPOGRAPHIC INFORMATION TAKEN FROM UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE QUADRANGLE, SHEETS.
2. THERE ARE NO SCHOOLS, LICENSED CHILD CARE FACILITIES, CHURCHES, CEMETERIES, LAKES, OR RECREATIONAL AREAS IN THE ONE–MILE SITE BOUNDARY.
3. U.S. HIGHWAY 87 AND NORTEX ROAD ARE USED TO ACCESS THE SITE.
4. THE CITY OF DALHART IS THE CLOSEST INCORPORATED CITY TO THE SITE AND HAS NO ZONING AUTHORITY OVER THE SITE. DALLAM COUNTY ALSO HAS NO ZONING OR SPECIAL–USE REQUIREMENTS THAT AFFECT THE FACILITY.
5. WELL LOCATIONS ESTIMATED FROM STATE OF TEXAS WATER WELL REPORTS.

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface

Secondary highway, hard surface — Unimproved road

Interstate Route — U. S. Route — State Route

TEXAS

QUADRANGLE LOCATION

DALHART WEST, TEX.
N3600—W10230/7.5
1973
AMS 5456 II SE—SERIES V882

N

1,000 0 2,000

SCALE: 1" = 2,000'

STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER

6/15/20

BRANDT ENGINEERS
F–4174
(FOR PERMIT PURPOSES ONLY)

REVISIONS	DATE
REVISION NO.1	06.15.20

BRANDT ENGINEERS ®
TEXAS REGISTERED ENGINEERING FIRM F–4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110

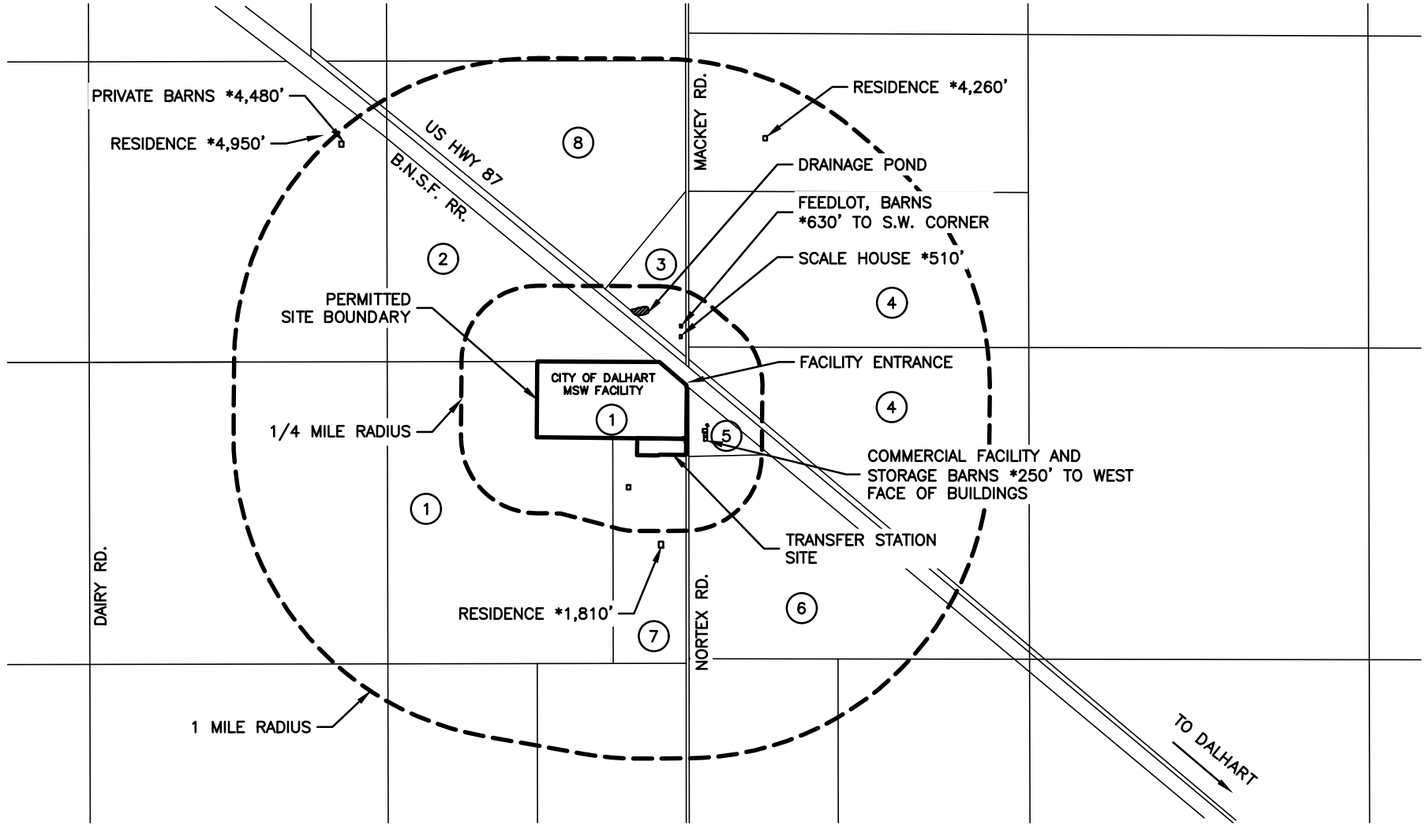
CITY OF DALHART
TRANSFER STATION REGISTRATION APPLICATION
PART II

LAND USE MAP

PROJ. NO. 82150 | DATE: JUNE 2020 | SCALE: 1"= 2,000'

PAGE: I–8

FIGURE: #2-8



NOTES:

1. * DISTANCES SHOWN ARE FROM CLOSEST LANDFILL PROPERTY BOUNDARY
2. THERE ARE NO SCHOOLS, LICENSED CHILD CARE FACILITIES, CHURCHES, CEMETERIES, LAKES, OR RECREATIONAL AREAS IN THE ONE–MILE SITE BOUNDARY.
3. PROPERTY DEED PRESENTED IN APPENDIX I–B OF THIS APPLICATION INDICATES OWNERSHIP IS ONLY SUBJECT TO OUTSTANDING MINERAL AND ROYALTY RESERVATIONS PRIOR TO THE DEED. NO SUCH RESERVATIONS HAVE BEEN IDENTIFIED.
4. LANDOWNER LIST AND PROPERTY LINES DEVELOPED FROM DALLAM COUNTY APPRAISAL DISTRICT RECORDS AS OF APRIL 2019.

N

0.25 MILE 0 0.5 MILE

SCALE: 1" = 1/2 MILE

STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED
PROFESSIONAL ENGINEER

6/15/20

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PART II

LAND OWNERS MAP

PROJ. NO. 82150 | DATE: JUNE 2020 | SCALE: 1"=1/2 MILE

PAGE: I–9

FIGURE: #2-9

Appendix II
J.

DEMONSTRATION OF COORDINATION
AGENCY RESPONSE LETTERS

In accordance with procedures, multiple agencies were contacted to comment on the proposed registration application of the City of Dalhart Transfer Station. Previous correspondence with agencies regarding the City of Dalhart Landfill are also included as they are applicable to the requirements due to the close proximity between the landfill and the transfer station. The following agencies were asked to evaluate compliances with specific items and the responses are attached hereto.

INDEX

9/3/20

Brandt Engineers
F-4174

Coordination with Bureau of Ecologic Geology

BUREAU OF ECONOMIC GEOLOGY
THE UNIVERSITY OF TEXAS AT AUSTIN

John A. & Katherine G. Jackson School of Geosciences • University Station, Box X • Austin, Texas 78713-8924
10100 Burnet Road, Bldg. 130 • Austin, Texas 78758-4445 • (512) 471-1534 • FAX (512) 471-0140

November 30, 2010

Adam Kralik
Brandt Engineers
4537 Canyon Drive
Amarillo, Texas 79110

Dear Mr. Kralik,

The Bureau of Economic Geology is a major research unit at The University of Texas at Austin and also serves as the Texas Geological Survey.

The Bureau has mapped the surface geology of Texas and as a result has regional descriptions of the entire state. I reviewed the Dalhart sheet (scale 1:250,000 or 1 mile = 4 miles) and have found no evidence of any faults within 200 feet or up to one-half mile radius from latitude N36.6.30, longitude W102.35.27.

Please don't hesitate to contact me if you have any additional questions.

Sincerely,

Sigrid Clift

Information Geologist
Bureau of Economic Geology

Geologic Atlas of Texas

Dalhart Sheet

THE UNIVERSITY OF TEXAS AT AUSTIN
BUREAU OF ECONOMIC GEOLOGY

TO ACCOMPANY MAP—DALHART SHEET—
GEOLOGIC ATLAS OF TEXAS

GEOLOGIC ATLAS OF TEXAS

DALHART SHEET

JOHN EMERY ADAMS MEMORIAL EDITION

VIRGIL E. BARNES, Project Director

1984

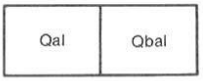
EXPLANATION

Holocene

Holocene and Pleistocene

Pleistocene

QUATERNARY



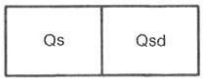
Alluvium and volcanic debris

Alluvium, Qal, and locally in New Mexico reworked volcanic debris, Qbal

In Texas, flood-plain deposits, gravel, sand, silt, and clay along present-day streams, thickness up to 100 feet

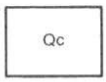
In Oklahoma, includes also low terrace deposits, which may be in part Wisconsinan. Composed of sand and silt, sand fine- to coarse-grained quartz, crossbedded to massive, lenticular, reddish brown, pink, gray; silt, sandy, lenticular; thickness 10 to 50 feet

In New Mexico, alluvium similar to above; also present, cinders and fine to coarse basaltic debris, Qbal, derived from nearby volcanic centers, occupies slopes as well as valley bottoms



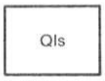
Windblown sand

Sand and silt in sheets, Qs, locally modified by surface wash; dunes and dune ridges, Qsd, locally; thickness up to 100 feet or more, average thickness in Oklahoma 40 feet



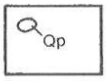
Covering materials

Includes colluvium, alluvial fans, and slopewash deposits



Landslide deposits

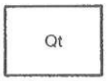
Most extensive in the northwestern part of the sheet where Niobrara, Carlile, Greenhorn, and Graneros Formations underlie basalt. Also, much of the rock in the interval between the Dakota Sandstone and the Triassic rocks is involved in landslides, but only a few of the larger ones are shown



Playa deposits

Clay and silt, sandy, gray, in shallow depressions; weathers light gray (Wisconsinan to Holocene)

Note: Water in depressions not shown



Fluviatile terrace deposits

Gravel, sand, and silt. Gravel, sandy, composed of pebbles and cobbles of quartz, quartzite, and caliche; sand and silt similar to that described for Oklahoma low terrace deposits. Contiguous terraces separated by solid lines (Wisconsinan and older?)

In Oklahoma, low terrace deposits included with alluvium, other terrace deposits not mapped

Pleistocene

Pleistocene or Pliocene

Pliocene

Upper Cretaceous

QUATERNARY

QUATERNARY or TERTIARY

TERTIARY

CRETACEOUS

Qb

Capulin Basalt

Fine grained, small phenocrysts of olivine and plagioclase amount to about 10 percent, groundmass plagioclase (An_{50-55}) 35 to 60 percent, olivine 20 to 35 percent, and magnetite 10 to 30 percent, vesicular to scoriaceous, columnar jointing common, medium gray to medium dark gray and dark gray. Occurs in numerous flows, and pyroclastic deposits in cones, vent areas, and sheets. Cones and vents shown by black asterisks. Cinder cones form prominent features on landscape

Ql

Loess

Windblown silt

QTb

Clayton Basalt

Fine grained, small phenocrysts of augite 5 to 20 percent, olivine 10 to 20 percent, groundmass plagioclase (An_{20-55}) 25 to 55 percent, augite 30 to 50 percent, nepheline 5 to 40 percent, magnetite 5 to 10 percent, as well as some hauynite and glass, vesicules mostly elongated in direction of flow, columnar jointing common, mostly medium dark gray to dark gray. Includes andesite of Sierra Grande. As mapped, may also include some Raton Basalt

To Tb

Ogallala Formation and Raton Basalt

Ogallala Formation, To, and Raton (?) Basalt, Tb

Ogallala Formation, To, in Oklahoma, sand, silt, clay, gravel, and caliche; relief at base as much as 225 feet, thickness up to 300 feet; may include Pleistocene deposits along major streams. In Texas, sand, fine- to coarse-grained quartz, silty in part, caliche nodules locally, cemented locally by calcite and by silica, locally crossbedded, various shades of gray, brown, and red. Minor silt and clay with caliche nodules, sandy in places, massive, white, gray, olive green, brown, red, and maroon. Gravel not present everywhere, composed of pebbles and cobbles of quartz, quartzite, minor chert, igneous rock, metamorphic rock, limestone, and clay balls in lower part. Caliche not present everywhere, sandy, pisolitic, white, gray, pink, composes one or more beds up to 10 feet thick in upper part, forms ledges and caprock locally, caprock may have formed during Pleistocene. In New Mexico, similar to that in Oklahoma and Texas; however, covering materials, including windblown sand, colluvium, slopewash deposits, Blackwater Draw Formation, and older gravel deposits not everywhere separately mapped

Raton Basalt, Tb, fine grained, small olivine phenocrysts about 10 percent, groundmass about equally augite, magnetite, and slightly more labradorite, compact to vesicular, dark- to light-olive gray. As mapped, may include some Clayton Basalt and definitely interfingers with Ogallala as seen in southwestern part of sheet

Knc

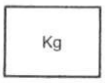
Niobrara and Carlile Shales undivided

Niobrara Shale of Colorado Group, not separately mapped; consists of an upper Smoky Hill Shale (Marl) Member, black shale, a few thin limestone and marly beds, almost completely covered by landslide deposits; and a lower Fort Hayes Limestone Member, light-yellowish gray to light-yellowish brown, weathers into blocky to angular pieces less than an inch in size, fossils are scarce *Inoceramus*, thickness 40 to 50 feet

Carlile Shale of Colorado Group, not separately mapped, black shale, numerous thin limestone beds

in upper 30 feet contain ammonites, oysters, and clams, septarian concretions 5 feet across common near base of limestone interval, thickness about 200 feet

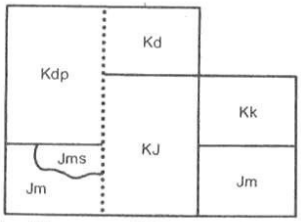
Outcrops of Niobrara and Carlile Shales confined to northwesternmost part of Union County, New Mexico



Greenhorn Limestone and Graneros Shale undivided

Greenhorn Limestone of Colorado Group, not separately mapped; in Oklahoma, fine grained, thin bedded, gray to bluish white, some shale, brownish yellow, thickness 70 feet, crops out in western Cimarron County; in New Mexico, light-grayish yellow, beds 1 to 2 feet thick mostly with thin shale partings, *Inoceramus* common as fragments and complete shells, thickness 20 to 30 feet, crops out in northwestern part of Union County

Graneros Shale of Colorado Group, not separately mapped; in Oklahoma, gray to brownish yellow, interbeds of limestone, gray to white bentonite at top, thickness 65 feet, crops out in western Cimarron County; in New Mexico, light- to dark-gray clay-shale and silty mudstone, two 2-foot limestone beds, upper one laminated, lower one weathers with felted surface, widely distributed, formation thickens to 125 feet in northwestern Union County



Dakota, Kiowa, and Morrison Formations

Dakota Formation, Kd, Kiowa Formation, Kk, Morrison Formation, Jm, Dakota and Purgatoire Formations undivided, Kdp, and Purgatoire and Morrison Formations undivided, KJ

Dakota Formation, Kd, composed of three divisions. Upper division sandstone, brownish yellow, thickness about 50 to 150 feet; middle division, shale, gray, with coal beds, thickness about 50 feet; lower division, sandstone, quartzitic, ferruginous, pink, gray, white, black, brownish yellow, thickness in Oklahoma 115 to 150 feet, in New Mexico 90 to 190 feet (see New Mexico Bureau of Mines, Bulletin 63, p. 57, concerning mapping reliability of lower contact), in Oklahoma upper two units crop out only in headwaters of Tesesquite and South Carrizo Creeks (upper unit may be Upper Cretaceous)

Kiowa Formation, Kk, in Oklahoma equivalent to Purgatoire Formation, not separately mapped, in New Mexico. In Oklahoma, upper part shale, dark gray, contains *Gryphaea*, thickness 12 to 63 feet. Lower part sandstone and conglomerate, sandstone, crossbedded, white; conglomerate composed of quartzite and schist pebbles, contains silicified tree trunks. Thickness up to 70 feet, feathers out eastward north of Boise City. In New Mexico, upper part mudstone, silty, light to dark gray, *Gryphaea* common, thickness 20 to 70 feet; lower part, sandstone, fine to coarse grained, some small pebbles of quartz and chert, massive, light colored, thickness 20 feet to as much as 90 feet in places

Morrison Formation, Jm, in New Mexico, showing locally southwest of Stead an upper thick sandstone, Jms. Mudstone, sandstone, minor limestone, and a basal brown silt layer; mudstone, silty, light gray green, gray red; sandstone, in part white, in part light gray brown; limestone, aphanitic; basal brown silt layer, thin-bedded, light brown, silt and very fine grained sandstone, thickness 25 to 70 feet; a nodular red-brown chalcedony zone, known as the "agate bed," forms a persistent marker about 10 or 15 feet above the basal brown silt layer; thickness of Morrison Formation 100 to 550 feet. In Oklahoma, sandstone, limestone, and shale; sandstone, yellowish brown with variegated speckles; limestone, gray; shale, gray to maroon to orange-brown; fossil dinosaur bones common; thickness 75 to 500 feet, thins eastward

Upper Cretaceous
Lower Cretaceous
Upper Jurassic
CRETACEOUS
JURASSIC

Upper Jurassic

Je

Exeter Sandstone

In New Mexico, fine to medium grained, generally crossbedded on a large scale, massive, white to light-gray brown, light-yellowish brown, yellowish brown, and orange, thickness up to 80 feet, absent in some areas. In Oklahoma, quartz sand, crossbedded, white, thickness 38 feet

*

Clastic plug

In Cimarron valley, vertical, light-colored sandstone cores, surrounded by siltstone breccia; copper and iron mineralization in some, shown by red asterisks

Upper Triassic

TRd

Dockum Group undivided

In Oklahoma, Sheep Pen Sandstone and Sloan Canyon and Trujillo Formations undivided; in New Mexico, Travesser and Baldy Hill Formations, undivided

Sheep Pen Sandstone, not separately mapped. In New Mexico, thin bedded, blocky weathering, brownish, thickness mostly 10 to 20 feet, ranges up to 107 feet, locally absent. In Oklahoma, even bedded, brown to yellowish brown, thickness 15 feet

Sloan Canyon Formation, not separately mapped. In New Mexico, mostly shale, with local siltstone, marl, and red sandstone near base; light green, light gray green, light gray brown, light brown, red brown, and gray red; thickness 125 to 150 feet. In Oklahoma, shale, maroon to greenish gray, thickness 70 to 125 feet

Travesser Formation, not separately mapped, sandstone and silt; sandstone, very fine grained, in units as thick as 20 feet, massive to thin bedded, in part cross-laminated, conglomerate lenses common composed of calcareous mudstone and fine-grained sandstone pebbles in a limy matrix, medium red brown, some orange and dark red brown, thickness 245 feet at type section to 400 feet in Des Moines area, confined to Union County, New Mexico

Baldy Hill Formation, not separately mapped, mudstone, silty, with ledge-forming beds of sandy mudstone and very fine grained sandstone, purple mottled by orange, gray red, light to medium gray, and light olive, thickness 115 feet, base not exposed, crops out in Baldy Hill area of Cimarron valley, north central Union County, New Mexico

Trujillo Formation, not separately mapped, sandstone and conglomerate, brownish yellow to red brown, some shale, variegated, thickness 50 to 100 feet, crops out in Cimarron valley north-northeast of Boise City, Oklahoma (probably correlates with Baldy Hill Formation)

Dockum Group undivided, red-brown mudstone, and light-colored sandstone, crops out in southeastern Union County, New Mexico

TRIASSIC or younger JURASSIC

TRIASSIC

*

Volcanic vent

u / d

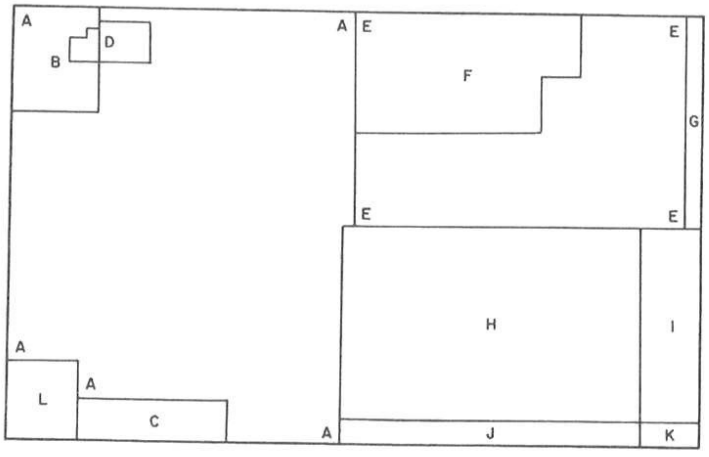
Fault

Upthrown side, u; downthrown side, d

INDEX OF GEOLOGIC MAPPING

For New Mexico areas **A** and **B**, see Baldwin, B., and Muehlberger, W. R., respectively (1959) Geologic studies of Union County, New Mexico, N. Mex. Inst. Min. and Technology, State Bur. Mines and Mineral Res. Bull. 63, Plates 1a, 1b, 1c, 1d; for area **C**, see Mankin, C. J. (1958) Stratigraphy and sedimentary petrology of Jurassic and pre-Graneros Cretaceous rocks, northeastern New Mexico, Univ. Texas, Ph.D. dissertation; for areas **A-C** and **L**, also see Luedke, R. G., and Smith, R. L. (1978) Map showing distribution, composition, and age of late Cenozoic volcanic centers in Arizona and New Mexico: U.S. Geol. Survey, Misc. Inv. Series, Map 1-1091-A; for area **D**, see Cooley, B. B. (1955) Areal geology of Dry Cimarron Canyon, Union County, New Mexico, Univ. Texas, Master's thesis; for Oklahoma area **E**, see Rothrock, E. P. (1925) Geology of Cimarron County, Oklahoma, Oklahoma Geol. Survey Bull. 34; also see Schoff, S. L. (1943) Geology and ground-water resources of Cimarron County, Oklahoma, Oklahoma Geol. Survey Bull. 64, Plate 1 modified from Rothrock by S. L. Schoff and J. W. Stovall, Plate 2 (area **F**) by J. W. Stovall; for area **G**, see Schoff, S. L. (1939) Geology and ground-water resources of Texas County, Oklahoma, Oklahoma Geol. Survey Bull. 59, Plate 1.

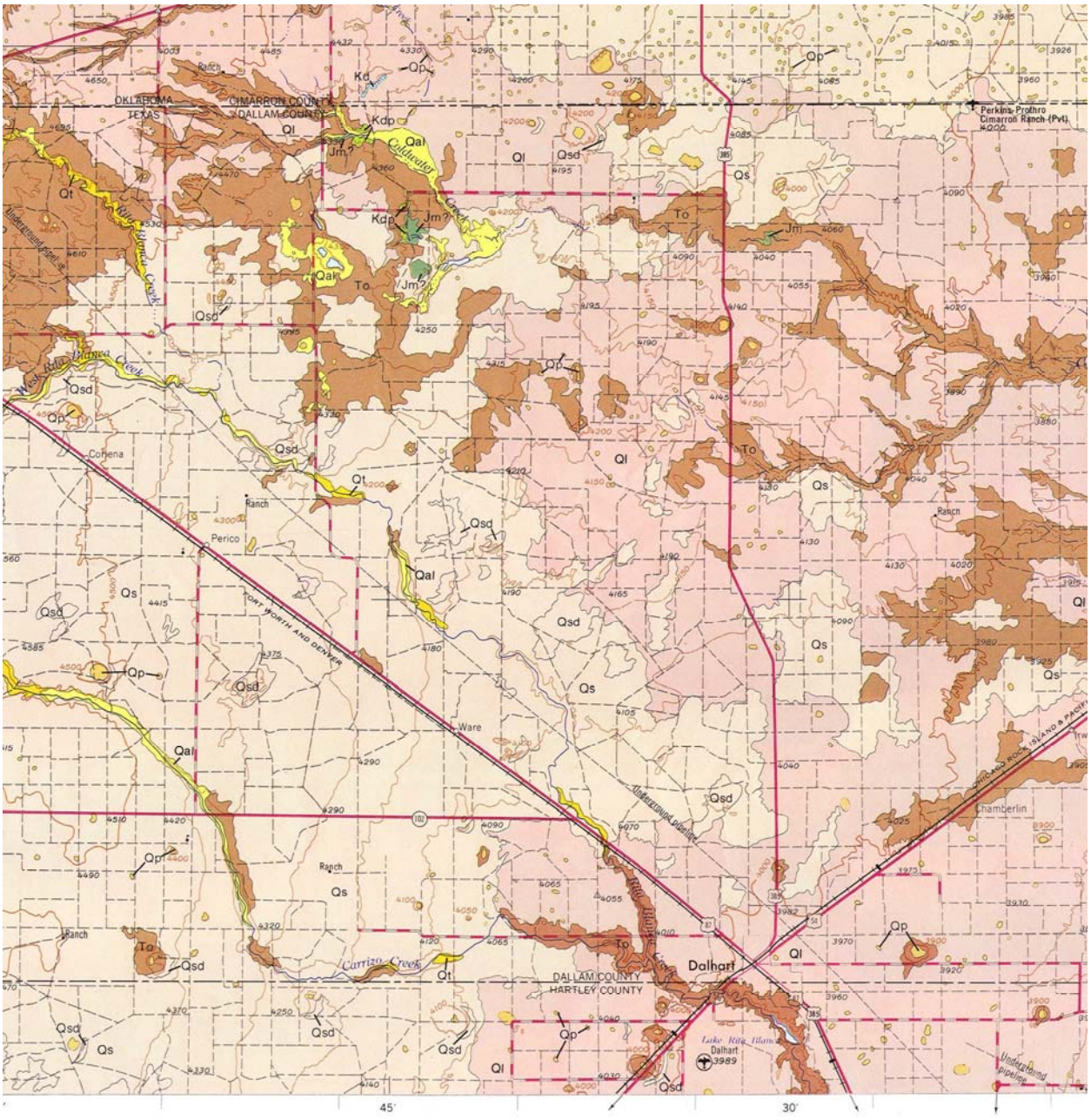
Soil surveys consulted: **(H)** Ford, A. R., and Fox, R. W. (1975) Soil survey of Dallam County, Texas: U.S. Dept. Agriculture, Soil Conservation Service and Forest Service, and Texas Agr. Expt. Station. **(I)** Stringer, B. R. (1975) Soil survey of Sherman County, Texas: U.S. Dept. Agriculture, Soil Conservation Service, and Texas Agr. Expt. Station. **(J)** Fox, R. W. (1977) Soil survey of Hartley County, Texas: U.S. Dept. Agriculture, Soil Conservation Service, and Texas Agr. Expt. Station. **(K)** Geiger, L. C., Bruns, H. E., Merrick, E., and Boden, P. (1975) Soil survey of Moore County, Texas: U.S. Dept. Agriculture, Soil Conservation Service, and Texas Agr. Expt. Station.



VIRGIL E. BARNES, PROJECT DIRECTOR

Geologic mapping in part from sources shown on index map. Geologic mapping in Texas, field checked and compiled on high-altitude aerial photographs by G. K. Eifler, Jr. Geologic mapping in Oklahoma, field checked by R. O. Fay, Oklahoma Geological Survey, on maps listed in "Index of Geologic Mapping" and on high-altitude aerial photographs. Geologic mapping in New Mexico mostly from sources shown on "Index of Geologic Mapping" and from photo mosaics from which map of Union County was made. Harding County geologic mapping, field checked and compiled on high-altitude aerial photographs by Fred Trauger and Eric G. Lappala. Map scribed by R. L. Dillon. Mapping reviewed by Panhandle Geological Society, Geologic Atlas Committee, G. S. Johnson (Sunshine Exploration Company), Chairman, H. C. Hood (Tuthill & Barbee), and D. Staggs (Oakwood Resources).

Surface Geology Map



Coordination with North Plains Groundwater Conservation District

North Plains Groundwater
CONSERVATION DISTRICT

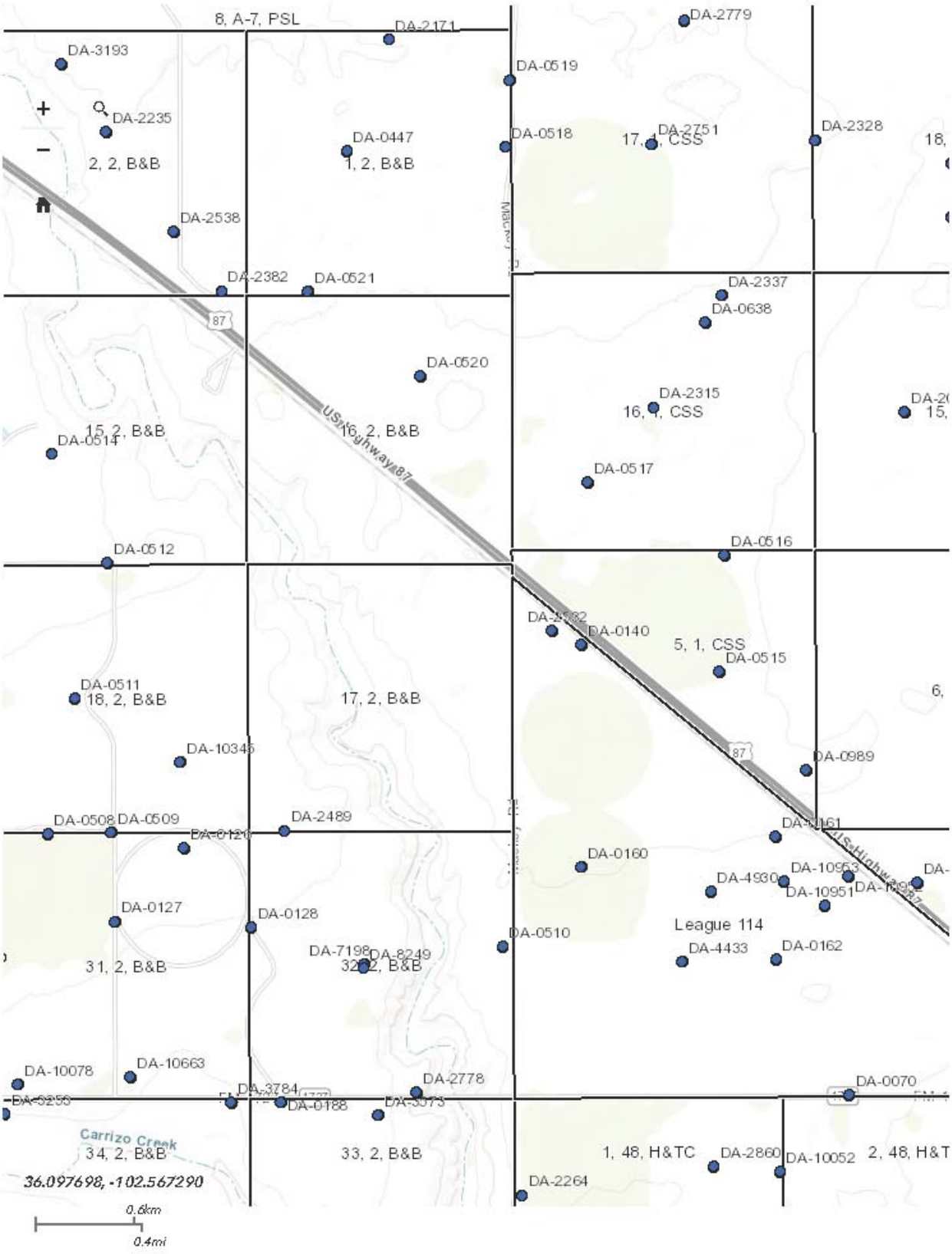
Adam Kralik, Eng. Tech.
Brandt Engineers
4537 Canyon Dr.
Amarillo, TX 79110

Mr. Kralik:

At your request, I am attaching a map showing locations of water wells that have been registered or permitted through the District in the area you were inquiring. Section 17 has a red X in the middle and, purely by coincidence, the label box pretty much shows location of the landfill based on your description of location. Be advised that some of the wells were permitted in an age without GPS and were based on approximate distances from section lines. We have since attempted to GPS all these wells. The green dots indicate active water wells that were permitted to pump greater than 17.5 gallons per minute. We do not keep track or require the location of oil wells. Any diamond shape indicates a water well that should be inactive and a shield shape indicates abandoned water wells. The blue "P" indicates an irrigation pivot or pivots somewhere in that section. As you probably already know, a section is typically a 1 mile square to give you a scale reference. If you need more information about these wells, let me know specifically what you need.

Sincerely,

Casey L Tice
Compliance Coordinator
North Plains Groundwater Conservation District
(806) 935-6401
(806) 935-6633 (Fax)
casey@npwd.org


8, A-7, PSL
DA-2171
DA-2779
DA-3193
DA-0519
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DA-0447
DA-0518
DA-2751
DA-2328
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1, 2, B&B
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DA-0508
DA-0509
DA-2489
DA-0160
DA-4930
DA-10951
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DA-0127
DA-0128
DA-0510
DA-4433
DA-0162
DA-7198
DA-8249
31, 2, B&B
DA-10078
DA-10663
DA-2778
DA-0070
DA-3784
DA-0188
DA-3073
Carrizo Creek
34, 2, B&B
33, 2, B&B
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DA-2860
DA-10052
2, 48, H&T
DA-2264
36.097698, -102.567290
0.6km
0.4mi

Coordination with Panhandle Regional Planning Commission

To be inserted into the document upon approval.

Coordination with Texas Commission on Environmental Quality

To be inserted into the document upon approval.

Coordination with Texas Historical Commission

This Correspondence sent to christenb@brandtengineers.com on 05-21-2020

TEXAS HISTORICAL COMMISSION
real places telling real stories

Re: Project Review under Section 106 of the National Historic Preservation Act and/or the Antiquities Code of Texas
THC Tracking #202012601
City of Dalhart Transfer Station
US Highway 87 and Nortex Road
Dalhart,TX 79022

Dear BrandtEngineers:
Thank you for your submittal regarding the above-referenced project.

The review staff led by Arlo McKee and Caitlin Brashear has completed its review and has made the following determinations based on the information submitted for review:

Above-Ground Resources

- No historic properties are present or affected by the project as proposed. However, if historic properties are discovered or unanticipated effects on historic properties are found, work should cease in the immediate area; work can continue where no historic properties are present. Please contact the THC's History Programs Division at 512-463-5853 to consult on further actions that may be necessary to protect historic properties.

Archeology Comments

- No historic properties present or affected. However, if buried cultural materials are encountered during construction or disturbance activities, work should cease in the immediate area; work can continue where no cultural materials are present. Please contact the THC's Archeology Division at 512-463-6096 to consult on further actions that may be necessary to protect the cultural remains.

We look forward to further consultation with your office and hope to maintain a partnership that will foster effective historic preservation. Thank you for your cooperation in this review process, and for your efforts to preserve the irreplaceable heritage of Texas. If you have any questions concerning our review or if we can be of further assistance, please email the following reviewers: Arlo.McKee@thc.texas.gov, caitlin.brashear@thc.texas.gov

This response has been sent through the electronic THC review and compliance system (eTRAC). Submitting your project via eTRAC eliminates mailing delays and allows you to check the status of the review, receive an electronic response, and generate reports on your submissions. For more information, visit http://thc.texas.gov/etrac-system.

Sincerely,

Caitlin Bashear
For Mark Wolfe, State Historic Preservation Officer
Executive Director, Texas Historical Commission

Please do not respond to this email.

Coordination with Texas Department of Transportation

From: Christen Brandt [mailto:ChristenB@brandtengineers.com]
Sent: Wednesday, May 6, 2020 10:59 AM
To: Bernardo Ferrel <Bernardo.Ferrel@txdot.gov>
Subject: City of Dalhart Transfer Station - Annual Average Daily Traffic Review

Good Morning,

In accordance with the Texas Administrative Code, Title 30, Chapter 330 – Municipal Solid Waste, Subchapter B – Permit and Registration Application Procedures, §330.61(i), Brandt Engineers is requesting a review by your agency of the roads surrounding, and having access to, the proposed project referenced above.

The transfer station site is shown on the attached map. The map is a copy of the area from a USGS topographic map for the Dalhart quadrangle, (7.5 minute series, 2019) with the boundary of the aforementioned transfer station site superimposed. The current access roads include U.S. Highway 87 and Nortex Road; these roads are being utilized for the facility. These roads will not see an immediate use increase over the existing conditions as a result of this project. Usage trends should be expected to be proportional to the City of Dalhart growth trends.

Brandt Engineers welcomes any comments on this proposed project. To comply with the permitting procedures Brandt Engineers will also need the following information, if it is available:

1) the latest traffic volumes for all roads within one mile of the site, both existing and projected, and
2) the data on availability and adequacy of the roads to be used by the users of the transfer station, (e.g. garbage trucks, construction machinery, and privately owned vehicles.)

Due to permitting deadlines, please submit all comments as soon as possible.

Please contact me at (806) 353-7233 if you have any questions or if you need additional information.

Thank you for your time concerning this matter.

Regards,

Christen Brandt
Brandt Engineers
4537 Canyon Drive
Amarillo, Texas
(806) 353-7233

Christen,

Attached is the typical sections for US 87 and the 2018 traffic count. The title sheet does have the 2019 and 2039 ADT shown upper right corner.

Texas Department of Transportation

Bernardo Ferrel, P.E.

Dumas Area Office
1249 N. Maddox
Dumas, TX, 79029
Phone 806.934.1122
Bernardo.Ferrel@txdot.gov

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
6	C 40-3-64		1
STATE	STATE DIST.	COUNTY	
TEXAS	AMA	DALLAM	
CONT.	SECT.	JOB	HIGHWAY NO.
0040	03	064	US 87

STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED
STATE HIGHWAY IMPROVEMENT
DALLAM COUNTY
HIGHWAY: US 87

FEDERAL AID PROJECT NO: C 40-3-64

FOR THE CONSTRUCTION OF REHABILITATION TYPE WORK CONSISTING OF FULL DEPH REHAB, & ACP OVERLAY.

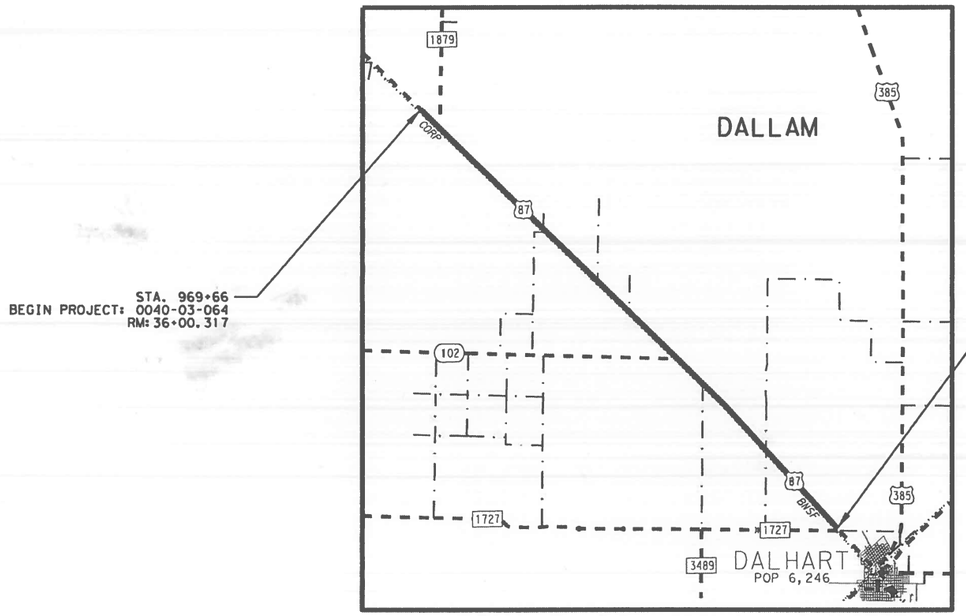
CONTROL: 0040-03-064

US 87 LIMITS
FROM: 0.6 MILES NORTH OF FM 1879
TO: 0.5 MILES NORTH OF FM 1727
ROADWAY LENGTH = 85,409.00 FT. = 16.176 MILES
BRIDGE LENGTH = 360.00 FT. = 0.068 MILES
TOTAL LENGTH = 85,769.00 FT. = 16.244 MILES

RURAL ARTERIAL
DESIGN SPEED = 50 MPH
2019 ADT = 6,600
2039 ADT = 9,100

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS



FINAL PLANS AND QUANTITIES AS CONSTRUCTED

CONTRACTORS NAME: _____

CONTRACTORS ADDRESS: _____

DATE CONTRACTOR BEGAN WORK: _____

DATE WORK WAS COMPLETED & ACCEPTED: _____

FINAL CONTRACT COST: $ _____

_____, PE _____
AREA ENGINEER DATE

EXCEPTIONS:
NONE

RAILROADS:
DOT 926473N, RR Milepost 432.360 DALHART Subdivision - DOT 235305H, RR Milepost 430.920 DALHART Subdivision

DOT 275308D, RR Milepost 425.680 DALHART Subdivision - DOT 275309K, RR Milepost 424.500 DALHART Subdivision - DOT 275311L, RR Milepost 422.070 DALHART Subdivision

EQUATIONS:
NONE

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, NOVEMBER 1, 2014 AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS, SHALL GOVERN ON THIS PROJECT: REQUIRED CONTRACT PROVISIONS FOR ALL FEDERAL-AID CONSTRUCTION CONTRACTS (FORM FHWA 1273, MAY 2012).

⚠ REVISED 3/22/19 ZM

CONCURRENCE: DATE:

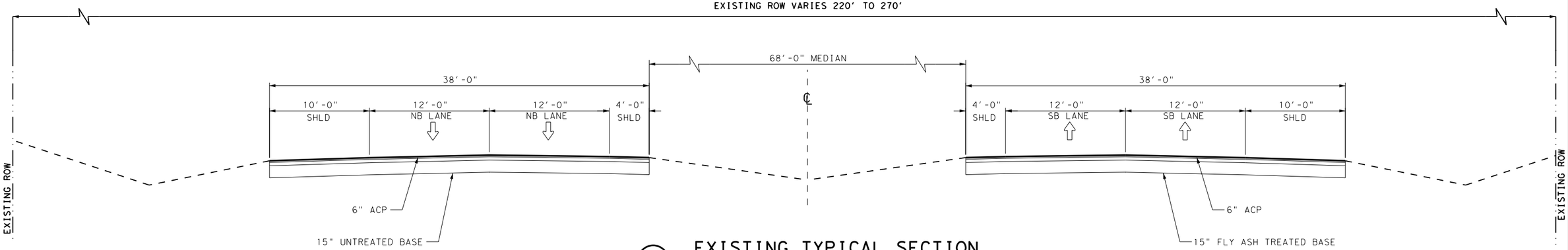
APPROVED FOR LETTING: DATE:
DIRECTOR, TRAFFIC OPERATIONS DIVISION

RECOMMENDED FOR LETTING: DATE: 1/15/2019
DocuSigned by: Corky Newkam
1D152781DAD8462...
NEER

RECOMMENDED FOR LETTING: DATE: 01/24/19
Kirt Bland PE
DISTRICT DIRECTOR OF TRANSPORTATION PLANNING AND DEVELOPMENT

APPROVED DATE: 1/24/2019
DocuSigned by: Brian Crawford
49ADE5040F8446B...
DIRECTOR, DESIGN DIVISION

APPROVED FOR LETTING: DATE:



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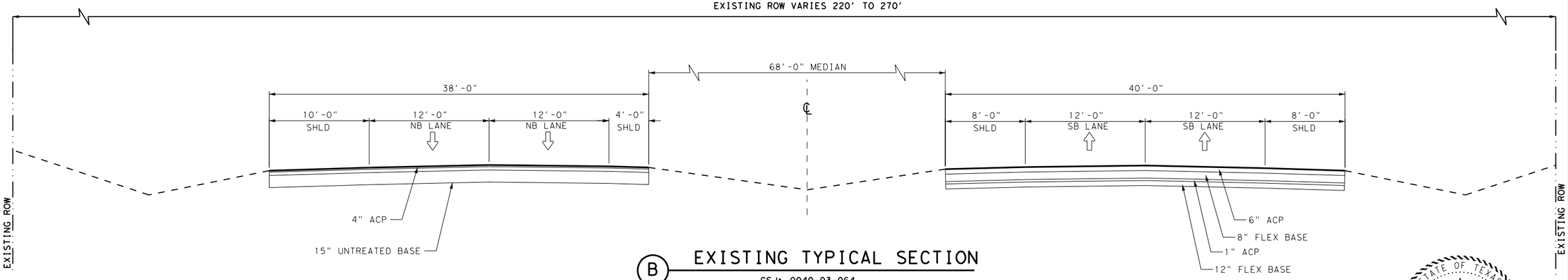
STA. 969+66 TO STA. 1432+00



B EXISTING TYPICAL SECTION

CSJ: 0040-03-064
STA. 1432+00 TO STA. 1573+45

BRIDGE EXCEPTION
BRIDGE NB & SB: STA. 1573+45 TO STA. 1577+05

STATE OF TEXAS
ZACHARY K. MAYER
132069
LICENSED PROFESSIONAL ENGINEER

Zachary K. Mayer P.E.

12/07/2018

US 87

TYPICAL SECTIONS

SCALE: 1"= 10'

Texas Department of Transportation

SHEET 1 OF 4

DSN	CK	CONT	SECT	JOB	HIGHWAY
CS	ZM	0040	03	064	US 87
DRWN	CK	DIST	COUNTY		SHEET NO.
CS	ZM	AMA	DALLAM		3

DATE: 12/6/2018 5:44:39 PM
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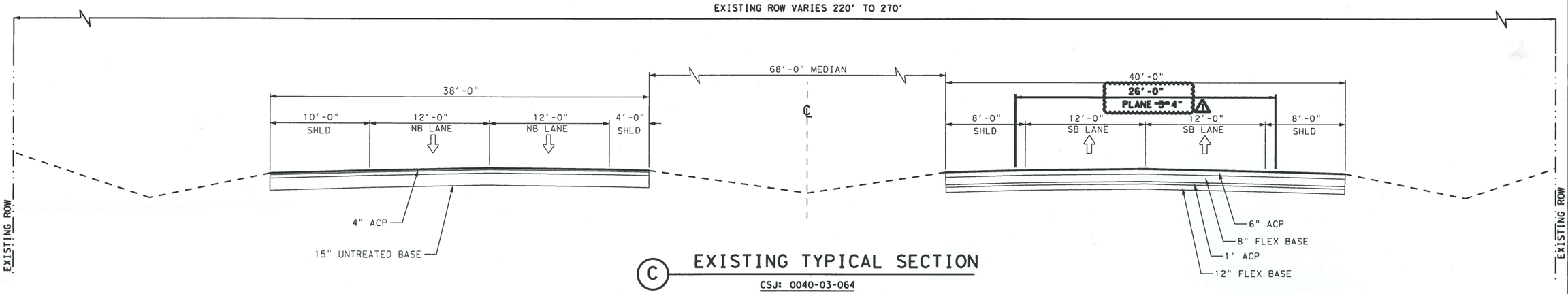
Permit #1038A
Revision 2 8/27/2020



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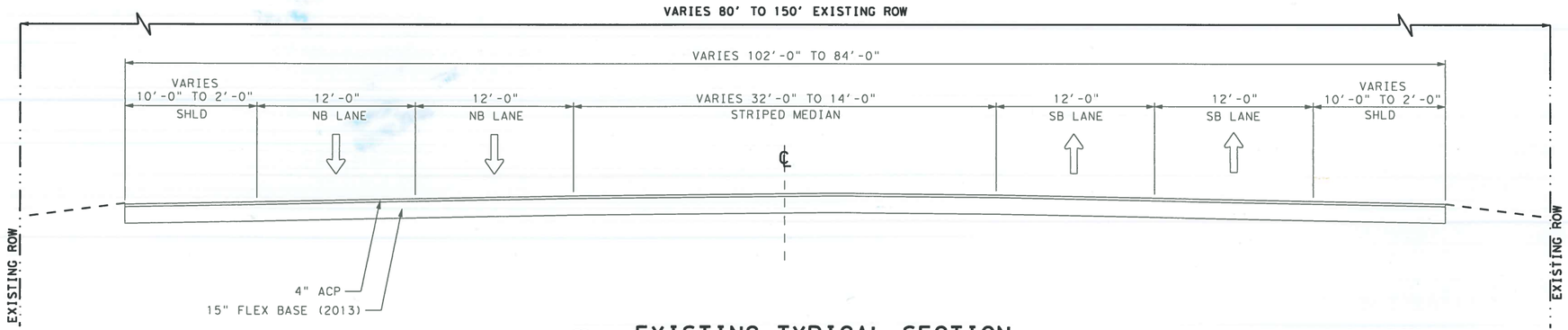
STA. 1577+05 TO STA. 1810+00



(D) EXISTING TYPICAL SECTION

CSJ: 0040-03-064

STA. 1810+00 TO STA. 1827+35 (92' AVG. WIDTH)

STATE OF TEXAS
ZACHARY K. MAYER
132069
LICENSED PROFESSIONAL ENGINEER

3-25-19

US 87

TYPICAL SECTIONS

SCALE: 1"= 10'

⚠ REVISED 3/22/19 ZM

SHEET 2 OF 4

DSN	CK	CONT	SECT	JOB	HIGHWAY
CS	ZM	0040	03	064	US 87
DRWN	CK	DIST	COUNTY		SHEET NO.
CS	ZM	AMA	DALLAM		4

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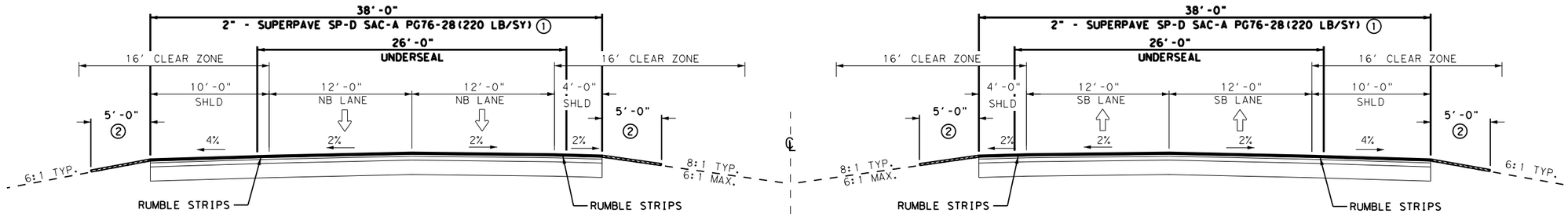
Permit #1038A
Revision 2 8/27/2020



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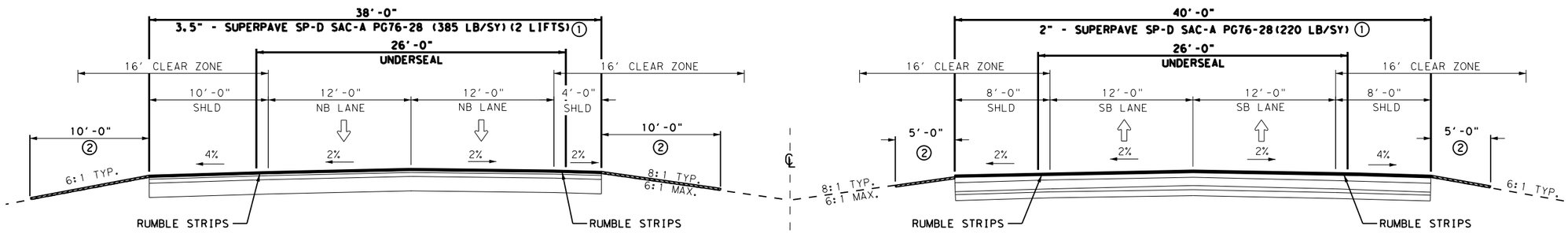

(B) PROPOSED TYPICAL SECTION

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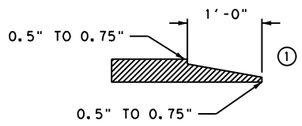
BRIDGE EXCEPTION
BRIDGE NB & SB: STA. 1573+45 TO STA. 1577+05



NOTE:

(1) NOTCHED WEDGE LONGITUDINAL JOINT WILL BE REQUIRED AT ALL LONGITUDINAL HOTMIX JOINTS. VARIANCE TO THE DIMENSIONS SHOWN WILL BE ALLOWED ONLY AS APPROVED BY THE ENGINEER.

(2) PREP ROW, TYPE A BACKFILL, SEE ENVIRONMENTAL SHEETS FOR MORE INFORMATION ON SEEDING & EMULSION.

STATE OF TEXAS
ZACHARY K. MAYER
132069
LICENSED PROFESSIONAL ENGINEER

Zachary K. Mayer P.E.

12/07/2018

US 87

TYPICAL SECTIONS

SCALE: 1"= 10'

Texas Department of Transportation

SHEET 3 OF 4

DSN	CK	CONT	SECT	JOB	HIGHWAY
CS	ZM	0040	03	064	US 87
DRWN	CK	DIST	COUNTY		SHEET NO.
CS	ZM	AMA	DALLAM		5

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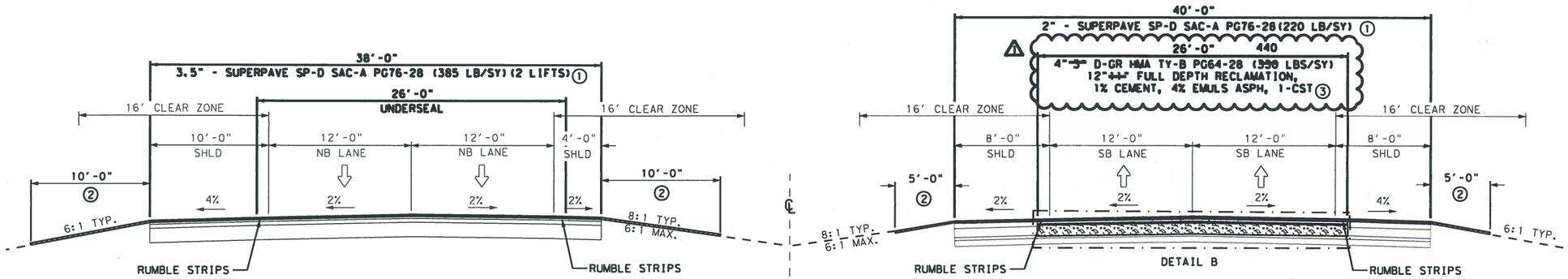
Permit #1038A
Revision 2 8/27/2020



VARIES 80' TO 150' EXISTING ROW

Ⓒ PROPOSED TYPICAL SECTION

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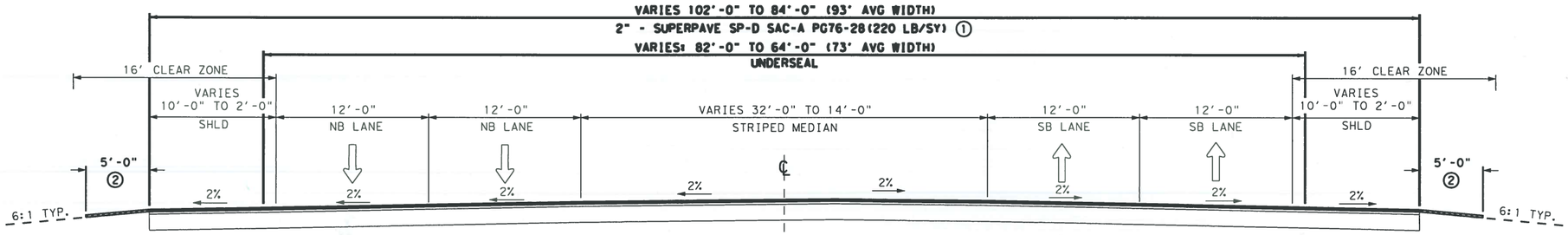
STA. 1577+05 TO STA. 1810+00



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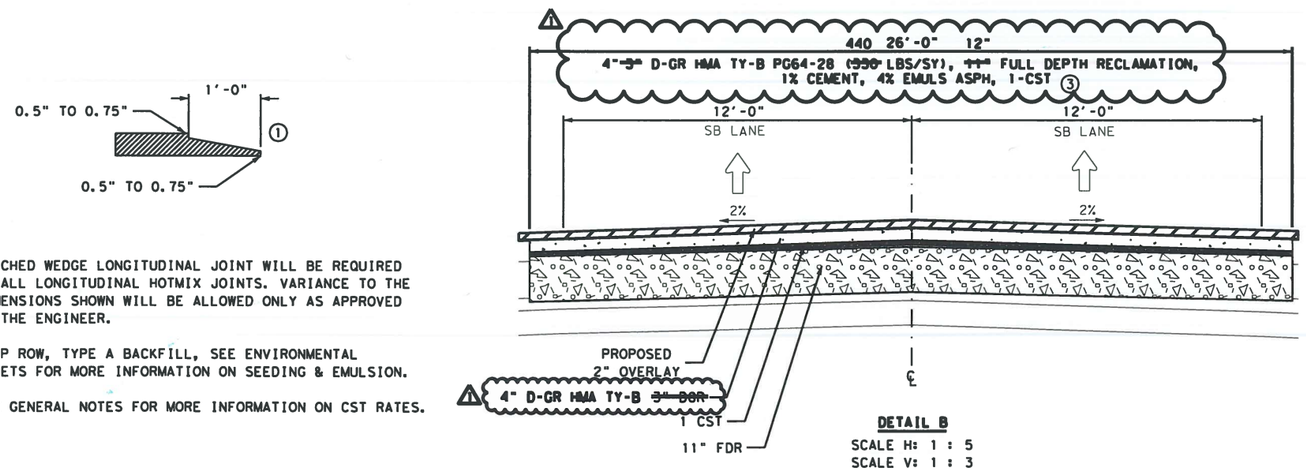

DETAIL B
SCALE H: 1 : 5
SCALE V: 1 : 3

NOTE:

① NOTCHED WEDGE LONGITUDINAL JOINT WILL BE REQUIRED AT ALL LONGITUDINAL HOTMIX JOINTS. VARIANCE TO THE DIMENSIONS SHOWN WILL BE ALLOWED ONLY AS APPROVED BY THE ENGINEER.

② PREP ROW, TYPE A BACKFILL, SEE ENVIRONMENTAL SHEETS FOR MORE INFORMATION ON SEEDING & EMULSION.

③ SEE GENERAL NOTES FOR MORE INFORMATION ON CST RATES.

STATE OF TEXAS
ZACHARY K. MAYER
132069
LICENSED
PROFESSIONAL ENGINEER

2-25-19

US 87

TYPICAL SECTIONS

SCALE: 1"= 10'

⚠ REVISED 3/22/19 ZM

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SHEET 4 OF 4

DSN	CK	CONT	SECT	JOB	HIGHWAY
CS	ZM	0040	03	064	US 87
DRWN	CK	DIST	COUNTY		SHEET NO.
CS	ZM	AMA	DALLAM		6

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Permit #1038A
Revision 2 8/27/2020

Coordination with U.S. Army Corps of Engineers, Tulsa District

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, TULSA DISTRICT
1645 SOUTH 101ST EAST AVENUE
TULSA, OKLAHOMA 74128-4609

January 28, 2011

Regulatory Office

PROJECT NAME: Dalhart Municipal Solid Waste Landfill

CORPS CASE NO.: SWT-2010-00903

CORPS POC: Karla Roberts, 918-669-7400

Mr. Adam Kralik
Brandt Engineers
4537 Canyon Drive
Amarillo, TX 79110

Dear Mr. Kralik:

Please reference your correspondence of October 25, 2010, regarding the above listed project.

The provided information does not indicate that a placement of dredged or fill material will be required, permanently or temporarily, into any "waters of the United States," including jurisdictional wetlands. Therefore, your proposal is not subject to regulation pursuant to Section 404 of the Clean Water Act (CWA), and a Department of the Army (DA) permit will not be required. Should your method of construction necessitate such a discharge into an aquatic area or tributary stream, we suggest that you resubmit that portion of your project so that we may determine whether an individual DA permit will be required.

Although Section 404 CWA authorization is not required, this does not preclude the possibility that a real estate interest or other Federal, State, or local permits may be required.

If you have any questions or if further assistance is desired, contact the Corps POC listed above. Please refer to the case number listed above during any future correspondence.

Sincerely,

Karla Roberts

For David A. Manning
Chief, Regulatory Office

Coordination with the City of Dalhart Fire Department

DALHART FIRE DEPT.

Dalhart Fire Dept.
110 Denrock
Dalhart Texas 79022
(806) 244-5454

Proudly Serving Our Community Since 1903

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To whom it may concern:

August 31, 2020

The fire protection measures for the City of Dalhart Municipal Solid Waste Landfill and the proposed Transfer Station include an on-site water truck and fire extinguishers of a type, size, location, and number as recommended by the City of Dalhart Fire Department. Each fire extinguisher will be fully charged and ready for use at all times. I hereby certify these measures are adequate and do not require on-site water under pressure for fire protection.

Fire Marshal / Fire Chief
Curtis D Brown

Signature

August 31, 2020
Date

Appendix II
K.

TCEQ GENERAL PERMIT

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Texas Pollutant Discharge Elimination System
Storm Water Multi-Sector General Permit

The Notice of Intent (NOI) for the facility listed below was received on May 6, 2009. The intent to discharge storm water associated with industrial activity under the terms and conditions imposed by the Texas Pollutant Discharge Elimination System (TPDES) storm water multi-sector general permit TXR050000 is acknowledged. Your facility's TPDES multi-sector storm water general permit number is:

TXR05Y400
Coverage Effective: May 3, 2009

TCEQ's storm water multi-sector general permit requires certain storm water pollution prevention and control measures, possible monitoring and reporting, and periodic inspections. Among the conditions and requirements of this permit, you must have prepared and implemented a storm water pollution prevention plan (SWP3) that is tailored to your industrial site. As a facility authorized to discharge under the storm water multi-sector general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

Project/Site Information:
RN102121381
CITY OF DALHART LANDFILL
UNKNOWN
DALHART, TX 79022
DALLAM COUNTY

OPERATOR:
CN600249114
CITY OF DALHART
205 ROCK ISLAND AVE
DALHART, TX 79022-2637

This permit expires on August 14, 2011, unless otherwise amended. If you have any questions related to processing you may contact the Storm Water Processing Center by email at SWPERMIT@tceq.state.tx.us or by telephone at (512) 239-3700. For technical issues, you may contact the storm water technical staff by email at swgp@tceq.state.tx.us or by telephone at (512) 239-4671. Also, you may obtain information on the storm water web site at http://www5.tceq.state.tx.us/wq_dpa/. A copy of this document should be kept with your SWP3.

FOR THE COMMISSION

MUNICIPAL SOLID WASTE LANDFILL TRANSFER STATION REGISTRATION APPLICATION

CITY OF DALHART, TEXAS

PART III

City of Dalhart Transfer Station
Type V
Dallam County
TCEQ Permit No. 1038A

Submitted May 2020
Revised August 2020

Brandt Engineers
F-4174

Prepared By:

BRANDT ENGINEERS ®
TBPE REGISTRATION NO. 4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110
PHONE (806) 353-7233 FAX (806) 353-7261

SOLID WASTE TRANSFER STATION
PART III

TABLE OF CONTENTS

INDEX OF APPENDICES

INDEX OF FIGURES

9/3/20

Brandt Engineers
F-4174

LIST OF ACRONYMS & ABBREVIATIONS:

ADC – Alternative Material Daily Cover

AE, IAE, IVAE – Aired Exempt Facilities

ASD – Alternate Source Demonstration

CESQG – Conditional Exempt Small Quantity Generator

CFCs – Chlorofluorocarbons

CFR – Code of Federal Regulations

COC – Constituent of Concern

COG – Council of Governments

CWA – Clean Water Act

ED – Executive Director

FAA – Federal Aviation Administration

FEMA – Federal Emergency Management Administration

GW – Groundwater

Haz. - Hazardous

HDPE – High Density Polyethylene

ID - Identification

MCL – Maximum Contaminant Level

MSW - Municipal Solid Waste

NPDES – National Pollutant Discharge Elimination System

NESHAPS – National Emission Standards for Hazardous Air Pollutants

PCB – Polychlorinated Biphenyls

PE & PG – Professional Engineer or Geoscientist

Perm. – Permeability

POR – Professional of Record

QA/QC – Quality Assurance/Quality Control

RACM – Regulated Asbestos Containing Material

SLER – Soil Liner Evaluation Report

LIST OF ACRONYMS & ABBREVIATIONS (continued):

SOP – Site Operating Plan

SPCC – Spill Prevention Control & Countermeasure

SSI – Statistically Significant Increase

TDS – Total Dissolved Solids

THSC – Texas Health & Safety Code

TRCA – Texas Radiation Control Act

TPDES – Texas Pollutant Discharge Elimination System

TWC – Texas Water Code

TXDOT – Texas Department of Transportation

USGS – United States Geological Survey

USEPA – United States Environmental Protection Agency

CONTENTS OF PART III OF THE APPLICATION

1 GENERAL FACILITY DESIGN (30 TAC §330.63(b))

1.1 Facility Access (30 TAC §330.63(b)(1))

This section describes how access will be controlled for the facility, pursuant to 30 TAC §330.63(b)(1). The access controls described below are designed to prevent the entry of livestock, protect the public from exposure to potential health and safety hazards, and to discourage unauthorized entry or uncontrolled disposal of solid waste or hazardous materials.

Fencing and gates will serve as primary access controls. The facility perimeter is fenced to control access and prevent unauthorized access, and has lockable gates. Fencing will be composed of a four-foot barbed wire fence or a six-foot chain-link fence. The operating area (i.e., the transfer station) is a building.

A facility attendant will be on-site during operating hours and will monitor entrance to the facility. Entry to the transfer station will be restricted to designated personnel, appropriate subcontractors, approved waste haulers, the public, TCEQ personnel, and properly identified persons whose entry is authorized by facility management. The facility attendant will direct waste transport drivers to the transfer station. There, the drivers will be directed to a specific unloading area. Additionally, when appropriate, signs with directional arrows and/or barricades may be placed along site roads to direct traffic and control interior access.

During normal operating hours, facility personnel will be on duty at the scale house and in the vicinity of transfer station operations to control access. When the site is closed to the public, the entry gate at the main entrance/exit will be closed to prevent site access, and locked when non-personnel are present on site.

1.2 Waste Movement (30 TAC §330.63(b)(2))

1.2.1 Waste Movement Flow Diagram (30 TAC §330.63(b)(2)(A)) (Figure 3-1)

Figure 3-1, the Waste Movement Flow Diagram shown in Appendix III-M includes the following requirements:

The Waste Movement Flow Diagram outlines the inspecting, processing, and disposal sequences for the various types of wastes to be received. Waste acceptance procedures are further detailed in Part IV-SOP.

1.2.2 Ventilation and Odor Control (30 TAC §330.63(b)(2)(C))

As required by §330.63(b)(2)(C), the transfer station structure is designed to provide adequate ventilation. The transfer station will be equipped with motor driven wall propeller fans. During operating hours the transfer station overhead doors will open allowing air movement for ventilation and odor control. No significant air pollution emissions are expected to result from the operation of the transfer station.

The transfer station will be operated to provide adequate ventilation for odor control and employee safety. The operator will prevent nuisance odors from leaving the transfer station registration boundary. If nuisance odors are detected near the transfer station registration boundary, the site will immediately take action to abate the condition. Odors are controlled by limiting operations to within the structure and limiting the time solid waste may be stored on the tipping floor. Ponding water will be controlled to avoid objectionable odors.

1.2.3 Generalized Construction Details (30 TAC §330.63(b)(2)(D)-(I))

The transfer station building will have overall dimensions of 100 feet wide, 100 feet long and an average height of 24.75 feet. The roof will have a pitch of ¼ inch per foot. Overhead doors will provide access for solid waste collection trucks and transfer trucks. Personnel doors will be provided for personnel access. The super structure will be a pre-engineered steel building. The structure foundation will be reinforced concrete construction.

The tipping floor dimension shall be approximately 100 feet wide and 79 feet long. The building foundation shall extend approximately 4 feet above the floor surface to provide a stem wall to facilitate transfer loading operations. The tipping floor shall be sloped to the front entrance of the building to facilitate drainage and cleaning. Trench drains will be installed at the bottom of the slope to intercept drainage and wash down water. The transfer truck loading bay will be adjacent to the tipping floor. The loading bay floor will be approximately 10 feet below the tipping bay floor. A push wall will separate the loading bay from the tipping floor. Details of the tipping floor and transfer truck loading floor are shown in Figure S2.1.

All effluent from processing operations and wash water from cleaning operations of the transfer station floor will be collected in trench drains installed in the floor. The trench drains will discharge into a holding tank which will then be pumped and hauled to the City of Dalhart Wastewater Treatment Plant as needed.

Similar equipment used to operate the landfill will be used in the transfer station. The transfer station will not use any specialty processes or equipment, such as compactors to process the transferred solid waste. All solid waste transfer operations will occur within the transfer station. The facility operating hours are 8:00 AM to 4:30 PM, Monday – Friday and 9:00 AM to 12:30 PM, Saturday.

2 NOISE POLLUTION AND VISUAL SCREENING

The transfer station will be in an enclosed building to minimize noise pollution and adverse visual impacts.

2.1 Sanitation (30 TAC §330.63(b)(3)(A)-(D))

All activities within the transfer station will occur on concrete floors that are sloped to trench drains installed within the floor. Any liquids resulting from the processing of the transferred solid waste or transfer station cleaning operations will be contained within a closed collection system dedicated to the transfer station which will then be pumped and hauled to the City of Dalhart Wastewater Treatment Plant as needed.

Hose bibs will be installed along the concrete stem wall to facilitate the cleaning of the floor and stem wall.

2.2 Water Pollution Control (30 TAC §330.63(b)(4))

Wastewater resulting from the transfer station operations will be collected in a closed system dedicated to the transfer station. Wastewater collected from the transfer station floor will be conveyed to a holding tank which will then be hauled to the City of Dalhart Wastewater Treatment Plant as needed.

3 FACILITY SURFACE WATER DRAINAGE REPORT (30 TAC §330.63(c))

This facility design complies with the requirements of §330.63(c), §330.303(a)-(b).

4 WASTE MANAGEMENT UNIT DESIGN (30 TAC §330.63(d))

4.1 Rapid Processing and Minimum Detention (30 TAC §330.63(d)(1)(A))

All solid waste capable of creating public health hazards or nuisances shall be transferred promptly and shall not be allowed to result in nuisances or public health hazards.

4.2 Spill and Contaminated Water Containment and Control (30 TAC §330.63(d)(1)(B))

The tipping floor and transfer floor are sloped to contain any spills of fluids from collected solid waste and wash down water during facility cleaning. The tipping floor is completely enclosed to prevent collection of precipitation. Drainage from floor will be collected in trench drains. Trench drains will be connected by a dedicated drain line system to holding tanks which will then be hauled to the City of Dalhart Wastewater Treatment Plant as needed for final disposal.

4.3 Maximum Solid Waste Detention Time (30 TAC §330.63(d)(1)(C))

Anticipated solid waste maximum detention time on tipping floor is 24 hours. Solid waste is to be hauled to a landfill immediately from the transfer station once inspected for prohibited wastes. At no instance will the solid waste be detained at the transfer station for more than 24 hours.

5 CLOSURE PLAN (30 TAC §330.461)

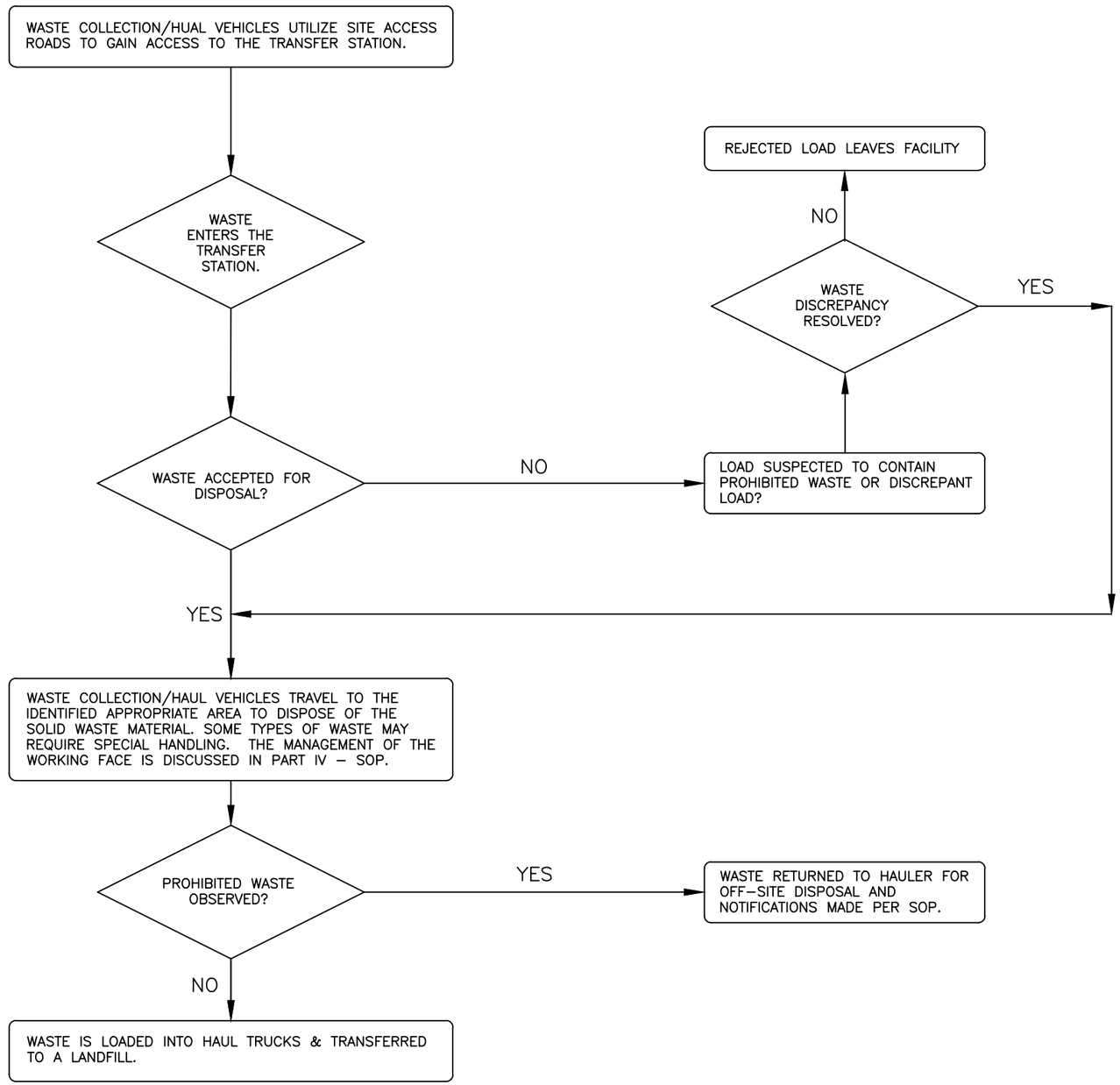
A closure plan has been prepared in accordance with Subchapter K relating to Closure and Post-Closure. Refer to Appendix III-O for the attached Closure Plan.

Appendix III-M

FACILITY MAPS

INDEX OF FIGURES

Brandt Engineers
F-4174



STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER
2/5/20

BRANDT ENGINEERS
F–4174

(FOR PERMIT PURPOSES ONLY)

REVISIONS	DATE
REVISION NO.1	07.27.12
REVISION NO.2	09.28.12
REVISION NO.3	05.14.20

BRANDT ENGINEERS ®
TEXAS REGISTERED ENGINEERING FIRM F–4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110

CITY OF DALHART
MAJOR PERMIT AMENDMENT
PART III

WASTE MOVEMENT FLOW DIAGRAM

PROJ. NO. 82150 | DATE: MAY 2020 | SCALE: 1"=200'

PAGE: M–2

FIGURE:
#3-1

Appendix III-N

WASTE MANAGEMENT UNIT DESIGN INFORMATION
30 TAC §330.63(d)

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Brandt Engineers
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1 WASTE OPERATIONS (§330.63(d)(1)(A))

Pursuant to 30 TAC §330.63(d)(1)(A), the transfer station facility is designed for minimum detention of solid waste, up to and including the registered maximum daily waste acceptance rate as set forth in the Waste Acceptance Plan (See Part II, Section 3). The area to be used for the waste transfer operations will be the building footprint, which is approximately 100 by 100 feet.

All solid waste capable of creating public health hazards or nuisances will be transferred promptly and will not be allowed to result in a nuisance or public health hazard. Procedures for the unloading of waste are provided in Section 13 of the SOP. This includes procedures for traffic control on-site, and procedures for the detection and prevention of unauthorized waste.

Unloading of waste in unauthorized areas is prohibited. Any waste that is identified as having been deposited in an unauthorized area will be immediately moved to the proper unloading areas.

Appendix III-O

CLOSURE PLAN
30 TAC §330.63(h) 330.461

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Brandt Engineers
F-4174

1 INTRODUCTION

Pursuant to TAC §330.63(h), this Closure Plan has been developed to address the applicable provisions of 30 TAC §330.459 and TAC Subchapter K. The facility will be closed in accordance with the closure provisions of the registration, unless specifically authorized by the Executive Director of the Texas Commission on Environmental Quality (TCEQ).

2 CLOSURE ACTIVITIES

Closure will be accomplished by the owner or operator removing all waste, waste residues, and any recovered materials. Facility units (i.e., transfer station) will either be dismantled and removed off-site or decontaminated.

No later than 90 days prior to the initiation of final closure, the facility will, through a public notice in the newspaper(s) of largest circulation in the vicinity of the facility, provide public notice for final facility closure. The notice will include name, address and physical location of the facility, the registration number, and the intended last day of receipt of materials at the facility. The facility will also make an adequate number of copies of the approved Closure Plan available for public review. The owner or operator will also provide written notification to the TCEQ of the intent to close the facility and place this notice of intent in the Site Operating Record.

Initiation of closure activities for the facility will begin no later than 30 days after the date on which the facility receives the known final receipt of waste. Closure of the facility must be completed within 180 days following the most recent acceptance of processed or unprocessed materials unless otherwise directed or approved in writing by the Executive Director.

The following steps will be taken for closure:

- Notify TCEQ when closure is initiated.
- At least one sign will be posted at the main entrance notifying all persons who may utilize the facility of the date of closing and the prohibition against further receipt of waste materials after the started date. Additional signs will be posted at other frequently used points of access.
- Suitable barriers to all gates or access points will be installed, or alternatively, the entire perimeter property boundary will have a fence as a barrier, to adequately prevent the unauthorized dumping of solid waste at the closed facility.
- Waste, waste residues, contaminated water and any recovered materials will be removed and will be transported to an authorized facility for disposal.
- The facility units will be dismantled and removed, or decontaminated.
- The tipping floor and any surfaces that have been in contact with waste will be washed down, and that water will be managed as contaminated water.
- The closed facility will be inspected by a professional engineer who will verify that final facility closure has been completed in accordance with the approved closure plan, and who will then prepare a certification of final facility closure as set forth in Section 4 of this plan.
- The certification of closure will be submitted to the Executive Director as set forth in Section 3 of this plan.

3 CERTIFICATION OF FINAL FACILITY CLOSURE

Within 10 days after the completion of the final closure activities for the facility, the owner and operator will submit to the Executive Director by registered mail the following:

A certification, signed by a licensed professional engineer, verifying that final facility closure has been completed in accordance with the approved closure plan. The submittal to the Executive Director shall include all applicable documentation necessary for certification of final facility closure; and

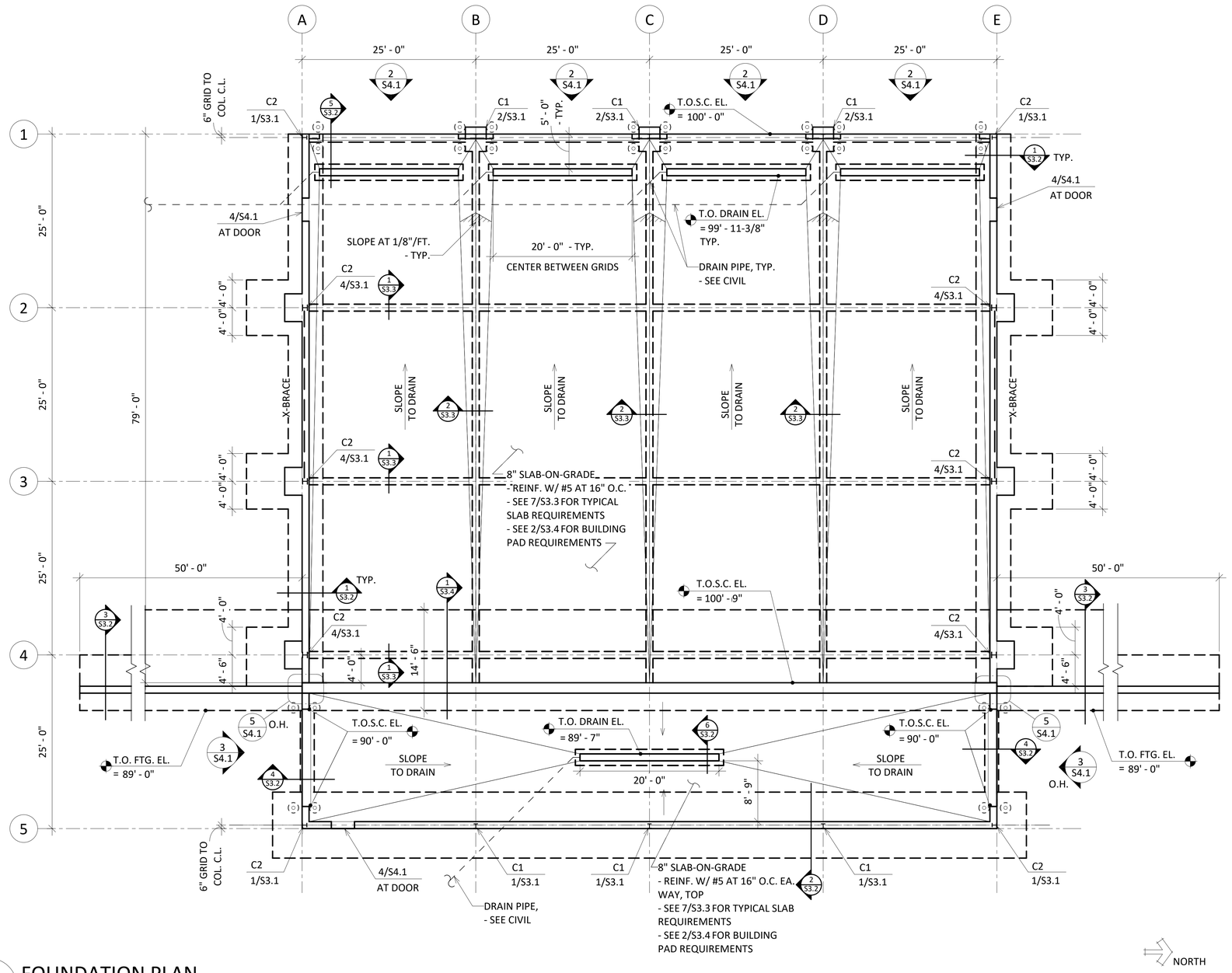
- A request for voluntary revocation of the facility registration.

Following receipt of the closure documents and the inspection report by the TCEQ Region, the Executive Director may acknowledge termination of operation and closure and deem the facility properly closed.

4 POST CLOSURE LAND USE

All wastes and waste residues will be removed from the facility as part of closure; no wastes will remain at the closed facility. Accordingly, this facility does not require post closure care requirement.

A request for voluntary revocation of the facility's registration will be submitted to the Executive Director within 10 days after completion of the final closure activities, in conjunction with the certification of closure described in Section 3 of this plan.



1 FOUNDATION PLAN

1/8" = 1'-0"

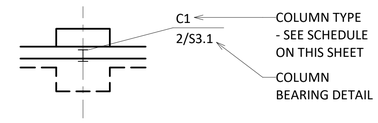
0 5 10 20

PLAN NOTES:

1. CONTRACTOR TO VERIFY ACTUAL SEA LEVEL ELEVATION RELATED TO EL. = 100'-0" SHOWN ON DRAWINGS. SEE PLAN FOR TOP OF STRUCTURAL CONCRETE (T.O.S.C.) ELEVATION.
2. STRUCTURAL SHEET INDEX:

SHEET NUMBER	SHEET TITLE
SG1.1	GENERAL NOTES
S2.1	FOUNDATION PLAN
S2.2	FRAMING PLAN
S3.1	FOUNDATION DETAILS
S3.2	FOUNDATION DETAILS
S3.3	TYPICAL FOUNDATION DETAILS
S3.4	BUILDING PAD PREPARATION
S4.1	FRAMING DETAILS

3. COLUMNS AND FOOTINGS ARE SHOWN ON THE PLAN THUS:

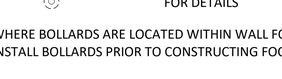


4. ALL COLUMNS ARE TO BE PROVIDED BY THE METAL BUILDING MANUFACTURER AS SCHEDULED HERE:

STRUCTURAL COLUMN SCHEDULE

TYPE MARK	COLUMN TYPE	UNIFORM OR TAPERED	COLUMN DEPTH
C1	ENDWALL	UNIFORM	10"
C2	RIGID FRAME	TAPERED	10" AT BASE NO LIMIT ABOVE

5. SEE ARCHITECTURAL PLANS FOR EXTERIOR ELEVATIONS & BUILDING CROSS SECTIONS.
6. STEEL BOLLARDS ARE SHOWN ON PLAN THUS:



WHERE BOLLARDS ARE LOCATED WITHIN WALL FOOTINGS, INSTALL BOLLARDS PRIOR TO CONSTRUCTING FOOTING.

7. DO NOT SAW CUT SLAB.

BRANDT ENGINEERS©
TEXAS REGISTERED ENGINEERING FIRM F-4174
4537 CANYON DRIVE AMARILLO, TEXAS 79110

WASTE COLLECTION IMPROVEMENTS
WASTE TRANSFER STATION
DALHART, TEXAS

PROJECT NO. 82150
FILE NAME:
DESIGNED BY RRH
DRAWN BY VAB
REVISED BY
CHECKED BY RRH
REVISIONS:

FOUNDATION PLAN

DATE: Issue Date

SHEET ____ OF ??

SHEET NO: S2.1

Huseman Engineering, LLC
7105 W 34th, Suite E (806)352-0484
Amarillo, TX 79109 TBPE Firm No.: F-13245
www.husemanengineering.com

MUNICIPAL SOLID WASTE LANDFILL TRANSFER STATION REGISTRATION APPLICATION

CITY OF DALHART, TEXAS

PART IV– (30 TAC §330.65)

City of Dalhart Municipal Solid Waste Transfer Station
Type V
Dallam County

Submitted May 2020
Revised August 2020

Prepared By:

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STATE OF TEXAS
DWIGHT L. BRANDT
48280
LICENSED PROFESSIONAL ENGINEER
9/3/20

Brandt Engineers
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SOLID WASTE TRANSFER STATION
PART IV

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Part IV Site Operating Plan Template
Transfer Station

1.0 Introduction

The Site Operating Plan (SOP) contains information about how The City of Dalhart will conduct operations at the facility but is not intended to be a comprehensive operating manual. The SOP represents the general instruction for facility management and personnel to operate the facility in a manner consistent with the approved design and the commission's rules to protect human health and the environment and prevent nuisances.

The SOP is Part IV of the MSW permit/registration application and consists of the information required by Title 30, Texas Administrative Code (TAC), Chapter 330, Subchapter E, §§330.201–§330.249 (relating to Operational Standards for Municipal Solid Waste Storage and Processing Units) (rules are available on the Internet at http://texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=4&ti=30&pt=1&ch=330). At a minimum, the SOP must include provisions for facility management and operating personnel to meet the general and site-specific requirements of these rules.

Facility Name: City of Dalhart Municipal Solid Waste Transfer Station

TCEQ MSW Permit Number: 1038A

Facility Address: US Highway 87 and Nortex Road, Dalhart, Dallam County, Texas, 79022

RN Number:

CN Number: CN600249114

Prepared by: Brandt Engineers Phone(s): (806) 353-7233

Date: 5/26/2020

2.0 Transfer Station Personnel

Table 1 summarizes personnel types and descriptions.

Table 1. Personnel Types and Descriptions

Title		Qualifications	Responsibilities
Superintendent	1	Class A (Type IAE Landfill) MSW License (§30.213); trained in all landfill operation requirements contained within the SOP	Landfill Operations, staffing, record keeping
Foreman	1	Class A MSW License; trained in all landfill operation requirements contained within the SOP	Alternate to Superintendent
Equipment Operator	1	Training by superintendent or foreman in SOP requirements for daily cover, compaction, and unauthorized waste screening	Waste inspection, screening, operations, and certain maintenance of equipment
Gate Attendant	1	Training by superintendent or foreman in SOP rules, record keeping requirements, unauthorized waste identification, and waste screening	Operates gate/scale house to help ensure waste meets site and state acceptance criteria; collect fees, keeps appropriate records
Laborer	0	Trained by superintendent or foreman in SOP rules and other duties as assigned	Utilized during circumstances where additional assistance is required, with duties assigned as needed

More detailed job descriptions along with written descriptions of the type and amount of introductory and continued training provided to each employee will be maintained in the facility operating record.

3.0 Facility Inspections and Maintenance

Table 2 outlines the facility inspection and maintenance list of the facility. The facility supervisor or a designee will perform the task. The inspection documentation will be retained in the operating record.

Table 2. Facility Inspection and Maintenance List

Item	Task	Frequency
Fence/Gates	Inspect perimeter fence and gates for damage. Make repairs if necessary.	Weekly
Windblown Waste	Police working area, wind fences, access roads, entrance areas, and perimeter fence for loose trash. Clean up as necessary.	Daily
Waste Spilled on Route to the Facility	Police the entrance areas and all roads at least two miles from the facility entrances for loose trash. Clean up as necessary.	Daily
Facility Access Road	Inspect facility access road for damage from vehicle traffic, erosion, or excessive mud accumulation. Maintain as needed with crushed rock or stone. Grading equipment will be used at least once per week to control or remove mud accumulations on roads as well as minimize depressions, ruts, and potholes.	Daily – more often during wet weather or extended dry weather periods.
Facility Signs	Inspect all facility signs for damage, general location, and accuracy of posted information.	Weekly
Odor	Inspect the perimeter of the facility to access the performance of facility operations to control odor.	Daily
Perimeter Channels/Ponds	Inspect perimeter channels and detention ponds to verify that they are functioning as designed (e.g., excess sediment removed, outlet structures intact).	Weekly and within 72-hours of a rainfall event of 0.5 inches or more.

4.0 Training Requirements

Personnel training records will be maintained in accordance with §330.219(b)(2). Personnel operator licenses issued in accordance with §30, Subchapter F, Municipal Solid Waste Facility Supervisors, will be maintained as required.

The City of Dalhart will ensure that the transfer station manager/supervisor at the facility is knowledgeable in the proper operation of a municipal solid waste facility and the current operational standards required by the TCEQ. The manager/supervisor will be experienced and will maintain a Class A, B, or C license as defined in §330.210. The manager/supervisor will ensure that all personnel are properly trained and are operating the transfer station in accordance with this SOP and operational standards required by the permit/registration and the TCEQ municipal solid waste regulations.

The personnel training program will be directed by a person trained in waste management procedures and will include instruction that teaches facility personnel waste management procedures and contingency plan implementation relevant to the positions in which they are employed.

New employees will receive a comprehensive overview of all aspects of transfer station operations, focusing on information that is necessary to protect the health and welfare of the new employee and enable them to perform their duties in accordance with this SOP and operational standards required by the permit/registration and the TCEQ municipal solid waste regulations. Initial training subject matter will include applicable requirements found in the SDP, attachments to the SDP, the SOP and other plans such as the Spill Prevention Control and Countermeasure Plan, the Storm Water Pollution Prevention Plan and general safety procedures. Following the initial training, the new employee training will continue during monthly training sessions, during on-the-job training, and during the annual review of their initial training.

Training meetings will be scheduled and conducted for all employees at least once per month. If a regular monthly meeting is cancelled, it will be rescheduled or combined with the scheduled training the next month. Training sessions will be scheduled to allow facility operations to be uninterrupted. Records of personnel attending each training session and the topics covered will be maintained at the facility. Topics for training may vary, but will be conducted annually for the following:

- Safety
- Fire protection, prevention, and evacuation
- Fire extinguisher use
- Emergency response
- Litter control and windblown waste pick-up
- Hazardous waste and PCB waste detection and control (waste screening), if applicable
- Prohibited waste management
- Random inspection procedures
- Properties of methane gas and safety procedures for methane gas, if applicable
- Endangered Species Identification

Facility personnel will take part in an annual review of their initial training. A written description of the type and amount of introductory and continued training provided to each employee will be maintained in the facility operating record.

5.0 Waste Acceptance and Analysis §330.203

5.1 Authorized Wastes

The transfer station will receive the following wastes for receipt:

- Class 2 non-hazardous industrial solid waste
- Class 3 non-hazardous industrial solid waste
- Municipal solid waste resulting from, or incidental to, municipal, community, commercial, institutional, recreational and industrial activities, including garbage, putrescible waste, rubbish, ashes, brush, street cleanings, dead animals, abandoned automobiles, construction-demolition waste, and yard waste.

- Brush, construction, or demolition waste, and/or rubbish in accordance with Title 30, TAC §330.5(a)(2)

5.2 Special Waste Receipt

The Executive Director may revoke an authorization to accept special waste if the City of Dalhart does not maintain compliance with conditions imposed to accept special waste.

This section outlines the acceptance requirements and review and approval process that will be used to accept special wastes. Special waste is defined by TCEQ's MSW regulations (30 TAC §330.3(148)).

- Only those special wastes specifically listed below will be accepted at this facility without prior written approval from the Executive Director.

- Dead animals and slaughterhouse waste that are incidental to routine collection of MSW and that can be systematically processed along with other solid waste.

- Nonregulated asbestos-containing materials (non-RACM) may be accepted at the transfer station for disposal at the Type I-AE MSW landfill facility provided the waste is placed on the active working face and covered in accordance with the landfill Site Operation Plan.

- Empty containers that have been used for pesticides, herbicides, fungicides, or rodenticides will be accepted for disposal provided the containers have been triple rinsed, crushed, or rendered unusable upon receipt at the gate.

- Municipal waste from a conditionally exempt small quantity generator (CESQG) may be accepted at the transfer station to be deposited at the Type I-AE municipal solid waste site without further approval from the Executive Director provided the amount of waste does not exceed 220 pounds (100 kilograms) per month per generator, and provided the landfill owner/operator is willing to accept the waste.

- Sludge from the City of Dalhart Waste Water Treatment Facility can be accepted at the facility if the material has been sufficiently treated, de-watered and tested in accordance with the Method 9095 (Paint Filter Liquids Test) as described in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods" (EPA Publication Number SW-846) and is certified to contain no free liquids. Prior to disposal of the sludge at the landfill, the City of Dalhart shall submit written notification to the Executive Director of the liquids processing facility as required in 30 TAC 330.8.

No special wastes will be received at the facility unless it is compatible with the compaction and loading equipment operated at the facility or unless modifications are made to the facility to accommodate the special wastes. Any changes in operations must be approved in writing by the Executive Director prior to implementation.

5.3 Receipt of Industrial Wastes

The facility will not accept industrial wastes.

5.4 Prohibited Wastes

Wastes authorized above shall not contain, or the transfer station will not accept the following:

- Regulated hazardous waste
- Polychlorinated Biphenyls (PCBs) waste
- Lead acid storage batteries
- Do-it-Yourself (DIY) used motor vehicle oil
- Used oil filters from internal combustion engines
- Whole used or scrap tires
- Items containing chlorinated fluorocarbons (CFCs), such as refrigerators, freezers, and air conditioners, shall only be accepted at the site if the generator or transporter provides written certification that the CFC has been evacuated from the unit and that it was not knowingly allowed to escape into the atmosphere
- Liquid waste
- Regulated Asbestos Containing Materials (RACM)
- Industrial Waste

The acceptance and/or disposal of special wastes shall not be allowed for the following unless prior written approval by the Executive Director:

1) Special wastes from health-care-related facilities which include animal waste, bulk human blood, blood products, body fluids, microbiological waste, pathological waste, and sharps as defined in 25 TAC Section 1.132

2) Soil contaminated by petroleum products, crude oils, or chemicals

Soils contaminated by petroleum products, crude oils, or chemicals in concentrations of 1,500 milligram per kilogram (mg/kg) total petroleum hydrocarbons; or contaminated by constituents of concern that exceed the concentrations listed in Constituents of Concern and Their Maximum Leachable Concentrations in 30 TAC §335.521(a)(1) of this title must be disposed in dedicated cells that meet the requirements of 30 §330.331(e) of this title (relating to Design Criteria).

Requests for approval to accept special wastes shall be submitted to the Executive Director and shall include, but are not limited to the following:

- A complete description of the chemical and physical characteristics of each waste, a statement as to whether or not each was in a Class I industrial waste as defined in 30 TAC Section 330.2 (relating to Definitions) and the quantity and rate at which each waste is produced and/or the expected frequency of disposal.
- An operational plan containing the proposed procedures for handling each waste and listing required protective equipment for operating personnel and on-site emergency equipment.

- A contingency plan outlining responsibilities for containment and cleanup of any accidental spills occurring during the delivery and/or disposal operation.

The Executive Director may issue an approval to receive special wastes without a written request from the City of Dalhart; however, in such cases the site operator is not required to accept the wastes. The Executive Director may revoke an authorization to accept special wastes if the City of Dalhart does not maintain compliance with these rules or conditions imposed in the authorization to accept special wastes.

The acceptance and/or disposal of a special wastes as defined in 30 TAC §330.3 (relating to Definitions) which is not specifically identified in subsections (c) or (d) of 30 TAC §330.171, or in 30 TAC §330.173 (relating to Disposal of Industrial Wastes) shall not be accepted at the Dalhart Municipal Transfer Station without prior written approval from the Executive Director. Approvals will be waste-specific and/or site-specific and will be granted only to appropriate facilities operating in compliance with this chapter.

5.5 Measures for Controlling Prohibited Wastes

Procedures to detect and control the receipt of prohibited wastes include:

1. Informing facility customers of prohibited wastes by posting one or more signs at the facility entrance listing prohibited wastes.

2. Facility personnel training and activities

- Training for appropriate facility personnel responsible for inspecting or observing incoming loads to recognize regulated hazardous waste and PCB waste
- Random inspections of incoming loads in accordance with procedures described in this section
- Maintaining records of all inspections
- Notification of the Executive Director of any incident involving a regulated hazardous waste or a PCB waste
- Remediation of any regulated hazardous waste or PCB waste discovered at the facility in accordance with §335.349

Facility personnel will be trained to inspect vehicles and identify regulated hazardous waste, polychlorinated biphenyl (PCB) waste, and other prohibited wastes. At a minimum, the gatehouse attendant and equipment operators will be trained in inspection procedures for prohibited wastes. The personnel will be trained on an on-the-job basis by their supervisors. Records of employee training on prohibited waste control procedures will be maintained in the facility operating record. The personnel will be trained to look for the following indications of prohibited wastes:

- Yellow hazardous waste or PCB labels
- DOT hazard placards or markings
- Liquids
- 55-gallon drums
- 85-gallon overpack drums

- Powders or dusts
- Odors or chemical fumes
- Bright or unusual colored wastes
- Sludges

If transfer station personnel identify any of the above indications with an incoming load, then that load will be directed to an area out of the flow of traffic, and the personnel will further assess the load. If the load is determined to contain prohibited waste or if there is any possibility that it may be prohibited waste, the load will be rejected and directed back to the generator. All gate/scale attendants will be diligent in looking for trucks bringing in waste loads from potential sources of prohibited waste such as industrial facilities, microelectronics manufacturers, electronic companies, metal plating industry, automotive and vehicle repair service companies, and dry-cleaning establishments.

Waste will not be stored at the facility. Solid waste is to be hauled to a landfill immediately from the transfer station once inspected for prohibited waste. At no instance will the solid waste be detained at the transfer station for more than 24 hours. Solid waste stored in a 24 hour period will not exceed 20 tons per day.

6.0 Facility-Generated Wastes §330.205

The City of Dalhart must maintain documentation that all wastes leaving the facility can be adequately managed by other facilities, licensed or permitted by the appropriate agencies to receive such wastes, at the volumes and concentrations estimated in the facility design. The City of Dalhart must verify the ground water well operates at required capacity to provide the required wash water.

Wastes generated by the transfer station will be processed or disposed at an authorized solid waste management facility.

Wastewaters generated by the transfer station will be managed in accordance with §330.207, Contaminated Water Management.

7.0 Contaminated Water Management §330.207

All liquids resulting from the operation of the transfer station will be disposed of in a manner that will not cause surface water or groundwater pollution. The operator will send wastewater offsite to the City of Dalhart Wastewater Treatment Plant.

All contaminated water will be directed to double walled holding tanks via floor drains which will then be hauled to the City of Dalhart Wastewater Treatment Plant as needed. The capacity of the holding tank is 2,500 gallons.

All effluent from processing operations and wash water from cleaning operations of the transfer station floor will be collected in trench drains installed in the floor. The trench drains will discharge into a holding tank which will then be pumped and hauled to the City of Dalhart Wastewater Treatment Plant as needed.

Contaminated water and leachate will be collected and contained until properly managed. Collection units other than holding tanks will have a clay or synthetic liner and the liner will be constructed in accordance with §330.331(b) (relating to Design Criteria). One foot of freeboard for the 25-year, 24-hour rainfall event will be provided.

Off-site discharge of contaminated waters will be made only after approval under the Texas Pollutant Discharge Elimination System authority.

Wastewaters discharged to a treatment facility permitted under Texas Water Code, Chapter 26 will not:

1. Interfere with or pass-through the treatment facility processes or operations
2. Interfere with or pass-through its sludge processes, use, or disposal
3. Otherwise be inconsistent with the prohibited discharge standards, including 40 code of federal regulations part 403, general pretreatment regulations for existing and new source pollution

There will be no oil and grease concentration leaving the facility and entering a public sewer system.

8.0 Storage Requirements §330.209

Wastes will not be stored at the transfer station but will be taken to the landfill on demand.

9.0 Approved Containers §330.211

All solid wastes containing food wastes will be stored in covered or closed containers that are leak proof, durable, and designed for safe handling and easy cleaning.

Reusable containers will be maintained in a clean condition so that they do not constitute a nuisance and to retard the harborage, feeding, and propagation of vectors.

All containers to be emptied manually will be capable of being serviced without the collector coming into physical contact with the solid wastes.

Containers to be mechanically handled will be designed to prevent spillage or leakage during storage, handling, or transport.

Non-reusable containers, if used, will be of suitable strength to minimize animal scavenging or rupturing during collection operations.

10.0 Recordkeeping and Reporting Requirements §330.219

A copy of the permit/registration, the approved application, and any other required plan or other related document will be maintained at the City of Dalhart Municipal Solid Waste Landfill Transfer Station at all times during construction and after completion of construction. These plans will be furnished upon request to TCEQ representatives and made available for inspection by TCEQ representatives or other interested parties. These plans and documents are part of the facility operating record. The operating record will be maintained in an organized format which will allow information to be easily located and retrieved. All information contained within the operating record and the different required plans will be retained during the active life of the facility until after certification of closure.

The following records will be kept, maintained and filed as part of the facility operating record. Log books and schedules may be used.

- Access Control Inspection and Maintenance
- Daily Litter Pickup

- Windblown Waste and Litter Control Operations
- Dust Nuisance Control Efforts
- Access Roadway Regrading
- Salvaged Material Storage Nuisance Control Efforts
- Special Waste Acceptance Plan Compliance, if applicable
- Fire Occurrence Notices, if applicable
- Documentation of Compliance with Approved Odor Management Plan

The information in the plans and documents listed above will be recorded and retained in the operating record. This information will be placed in the operating record within seven working days of completion or upon receipt of analytical data, as appropriate.

Table 3. Operating Record

Records To Be Maintained	Rule Citation
1. All location-restriction demonstrations	§330.219(b)(1)
2. Inspection records and training procedures	§330.219(b)(2)
3. Closure plans and any monitoring, testing, or analytical data relating to closure requirements	§330.219(b)(3)
4. All cost estimates and financial assurance documentation relating to financial assurance for closure	§330.219(b)(4)
5. Copies of all correspondence and responses relating to the operation of the facility, modifications to the permit/registration, approvals, and other matters pertaining to technical assistance	§330.219(b)(5)
6. All documents, manifests, shipping documents, trip tickets, etc., involving special wastes	§330.219(b)(6)
7. Any other document(s) as specified by the approved permit/registration or by the Executive Director	§330.219(b)(7)
8. Trip tickets	§312.145, §330.219(b)(8)
9. Alternative schedules and notification requirements, if applicable	§330.219(g)
10. Records on a quarterly basis to document the relevant recycling percentage of incoming processed wastes, quarterly solid waste summary reports and the annual solid waste summary reports by March 1st summarizing recycling activities and percent of recycled incoming wastes for past calendar year	§330.219(b)(9)
11. Inspection records and training procedures relating to fire prevention and facility safety	§330.221
12. Access control breach and repair notices	§330.223
13. Waste unloading/prohibited waste discovery	§330.225
14. Record of alternative operating hours, if applicable	§330.229(b)
15. Dates, times, and durations of alternative operating hours	§330.229(d)

Note that the recordkeeping requirements of 30 TAC §330.219(d) are not applicable because this facility is not a permitted solid waste composting or landfill mining facility.

10.1 Report Signatories

The City of Dalhart will sign all reports and other information requested by the Executive Director as described in 30 TAC §305.44(a), or they will be signed by a duly authorized representative if:

- The authorization is made in writing by the owner or operator as described in 30 TAC §305.44(a);
- The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity or for environmental matters for the owner or operator (e.g., environmental manager, or a position of equivalent responsibility). A duly authorized representative may thus be either a named individual or any individual occupying a named position; and
- The written authorization is submitted to the Executive Director.

If an authorization under this section is no longer accurate because of a change in individual(s) or position(s), a new authorization satisfying the requirements of this section must be submitted to the Executive Director prior to, or together with, any reports, information, or applications to be signed by an authorized representative.

Any person signing a report shall make the certification in 30 TAC §305.44(b).

10.2 Executive Director Access to Information

All information contained in the Site Operating Record will be furnished to the Executive Director upon request and will be made available at reasonable times at the facility for inspection by the Executive Director.

10.3 Record Retention

The facility will retain the Site Operating Record (all information contained within the Site Operating Record and all plans required for the facility) for the life of the facility until after certification of closure.

10.4 Alternative Schedules for Recordkeeping and Notifications

The Executive Director, in accordance with 30 TAC §330.219(g), may set alternative schedules for recordkeeping and notification requirements specified in 30 TAC §330. 219(a)-(e).

11.0 Fire Protection §330.221

11.1 Fire Protection Plan

The following steps are taken regularly at the facility by designated personnel to prevent fires:

- Operators will be alert for signs of burning waste such as smoke, steam, or heat being released from incoming waste loads.
- Smoking is not permitted near waste management areas.

11.2 Procedures in the Event of a Fire

Staff will take the following steps if a fire is discovered:

- Contact the local Fire Department by calling 911.
- Alert other facility personnel.
- Assess extent of fire, possibilities for the fire to spread, and alternatives for extinguishing the fire.
- If it appears that the fire can be safely fought with available firefighting devices until arrival of the local Fire Department, attempt to contain or extinguish the fire.
- Upon arrival of local Fire Department personnel, direct them to the fire and provide assistance as appropriate.
- Do not attempt to fight the fire alone. Do not attempt to fight the fire without adequate personal protective equipment. Be familiar with the use and limitations of firefighting equipment available on-site.

11.3 Firefighting Methods

Firefighting methods for burning solid waste include smothering the waste, separating burning material from other waste, or spraying with water if available from an on-site water truck. Small fires might be controlled with hand-held extinguishers.

If a fire occurs on a vehicle or piece of equipment, the equipment operator will bring the vehicle or equipment to a safe stop. If safety of personnel will allow, the vehicle will be parked away from fuel supplies, uncovered solid wastes, and other vehicles. The engine will be shut off and the brake engaged to prevent movement of the vehicle or piece of equipment.

Water under pressure will not be available at the site for firefighting purposes. The City of Dalhart Fire Department has certified that the existing fire protection means at the municipal solid waste facility are sufficient and will not require water under pressure on site for fire protection. Correspondence with the City of Dalhart Fire Department is provided in Appendix J of this application.

11.4 Fire Equipment

The facility will be equipped with fire extinguishers of a type, size, location, and number as recommended by the local Fire Department. Each fire extinguisher will be fully charged and ready for use at all times. Each extinguisher will be inspected on an annual basis and recharged as necessary. A qualified service company will perform these inspections, and all extinguishers will display a current inspection tag. Inspection and recharging will be performed following each use. The receiving gatehouse, and all waste management equipment and vehicles will be equipped with fully charged fire extinguishers.

11.5 Fire Protection Training

Training of on-site personnel in firefighting techniques, fire prevention, response, and the fire protection aspects of the SOP will be provided, by established professionals, on an annual basis. Personnel will be familiar with the use and limitations of firefighting equipment available on-site. Records of this training will be included in the operating record for the facility.

11.6 TCEQ Notification

After any fire (related to waste management activities that cannot be extinguished within 10 minutes of discovery) occurs, the TCEQ Regional Office will be contacted. The notification to the Regional Office will include:

- Contacting by telephone as soon as possible, but no later than 4 hours following fire discovery, and
- Providing a written description of the cause and extent of the fire and the resulting fire response within 14 days of fire detection.

The facility will provide to the appropriate TCEQ Regional Office as much information as possible regarding the fire and firefighting efforts, as soon as possible after the fire occurs.

The fire prevention and fire control procedures for the facility will be revisited following the occurrence of a significant fire to determine if modifications are warranted.

12.0 Access Control §330.223

12.1 Facility Security

Public access will be controlled to minimize unauthorized vehicular traffic, unauthorized and illegal dumping, and public exposure to hazards associated with waste management. Controlled access will be obtained by fences, gates, and any natural barriers.

12.2 Vehicle Access

The facility access road from a publicly owned roadway will be all-weather surfaced and will have a minimum width of two-lanes. The entrance and facility roads have been designed for the expected traffic flow, to provide safe on-site access for commercial collection vehicles and the public, to avoid disruption of normal traffic patterns, and to provide safe turning radii for vehicles that utilize the facility. Vehicle parking will not be provided at the transfer station, but is provided at the facility scale house for employees and visitors (see Part II, Figure 2-5). Safety bumpers at hoppers will be provided for vehicles.

Equipment parking and staging will be directed by transfer station personnel so as not to block or hinder waste collection vehicles or transfer trailers from ingress or egress to the tipping floor and loadout tunnels.

Only vehicles authorized by the manager, personnel vehicles, and authorized haul vehicles will have access beyond the facility entrance. Signage will provide direction to customers and the public to the public entrances of the facility. Additional signage within the facility will provide direction to public unloading areas.

Vehicles transporting solid waste arriving at the facility will be directed to an unloading area by on-site personnel or signage. Operations will be conducted in a manner that allows the prompt and efficient unloading of waste.

Fencing and gates will serve as the primary transfer station access controls. The facility perimeter is fenced to control access and prevent unauthorized access, and has lockable gates. Fencing will be composed of a four-foot barbed wire fence or a six-foot chain-link fence.

The facility will comply with the schedule and notification requirements in Table 4 for any access breach.

Table 4. Schedule for notification and repair of perimeter access control breaches.

Requirement	Access Breach Permanently Repaired Within 8 Hours	Access Breach Not Permanently Repaired Within 8 Hours
Notify region office of breach and repair schedule	Not required	Within 24 hours of breach detection
Make temporary repairs	(not applicable)	Within 24 hours of breach detection
Make permanent repairs	Within 8 hours of breach detection	Within schedule indicated in initial breach report submitted to regional office
Notify regional office when permanent repair completed	Not required	Within schedule indicated in initial breach report submitted to regional office

13.0 Unloading of Waste §330.225

The unloading of solid waste will be confined to as small an area as practical. The maximum size of the unloading area will be 100 feet in length by 18 feet in width.

The unloading of waste in unauthorized areas is prohibited. Any waste deposited in an unauthorized area will be removed immediately and managed properly. A trained employee will be present at the entrance at all times during operating hours to monitor all incoming loads of waste and will direct traffic to the appropriate unloading area.

Gate attendants and equipment operators will monitor the incoming wastes. These personnel will be familiar with the rules and regulations governing the various types of waste that can or cannot be accepted into the facility. The personnel will also have a basic understanding of both industrial and hazardous waste and their transportation and management requirements. The facility is not required to accept any solid waste that may cause problems in maintaining full and continuous compliance with the permit/registration.

Certain wastes are prohibited from management at the facility. Prohibited wastes are described in Waste Acceptance and Analysis section of this plan. The unloading of prohibited wastes at the facility will not be allowed. The operator will take necessary steps to ensure compliance. Personnel have the authority and responsibility to reject unauthorized loads, have unauthorized material removed by the transporter, and/or assess appropriate surcharges, or have the unauthorized material removed by on-site personnel and otherwise properly managed by the facility. Any prohibited waste not discovered until after unloading will be placed back in the offending transporter's vehicle, if possible, or otherwise returned promptly to the transporter or generator of the waste. The driver may be advised where the waste may be managed or disposed of legally and will be responsible for the proper handling of this rejected waste.

In the event the unauthorized waste is not discovered until after the delivery vehicle is gone, the waste will be segregated and controlled as necessary. The manager/supervisor will make an effort to identify the entity that deposited the prohibited waste and have them return to the facility and properly dispose of the waste. In the event that identification is not possible, the manager/supervisor will notify the TCEQ and seek guidance on how to remove and dispose of the waste as soon as practical. A record of unauthorized material removal will be maintained in the operating record.

Only those persons operating vehicles that comply with the following requirements will be authorized by the manager/supervisor to transport waste to and from this facility:

1. All vehicles and equipment used for the collection and transportation of waste will be operated and maintained to prevent loss of waste material and to limit health and safety hazards to facility personnel and the public.

2. Collection vehicles and equipment will be maintained in a sanitary condition to preclude odors and fly breeding.

3. Collection vehicles not equipped with an enclosed transport body will use other devices such as nets or tarpaulins to preclude accidental spillage.

Facility personnel will keep vigilant watch for compliance with operating requirements. Signs with directional arrows and/or portable traffic barricades will help to restrict traffic to designated unloading locations. In addition, rules for waste receipt and prohibited waste will be prominently displayed on signs at the facility entrance.

In addition, appropriate signs will be positioned at the facility to guide users and indicate where vehicles are to unload. Signs will be placed along the entrance road to direct vehicles, at a frequency/spacing that is adequate to guide users to the proper areas and identify which roads are to be used. The use of forced access lanes through barricades, flagging, or other means will be used in conjunction with signs for the prevention of indiscriminate dumping.

14.0 Spill Prevention and Control §330.227

Wastes will not be stored at the transfer station and will be taken to the landfill on demand.

Storage and processing areas shall be designed to control and contain spills and contaminated water from leaving the facility. The design shall be sufficient to control and contain a worst case spill or release. Unenclosed containment areas shall also account for precipitation from a 25-year, 24-hour storm. The tipping floor (unloading area) has been designed to control and contain spills and contaminated water from leaving the facility. Since the transfer station will be in a roofed-building, and because liquid wastes are not allowed to be delivered to the transfer station, only small amounts of liquids incidental to MSW may be within the materials delivered to the transfer station (i.e., precipitation from storm events that will not enter the transfer station). The reinforced concrete transfer station tipping floor will be equipped with gravity drains and with walls to serve as containment of spills and wash waters. These liquids will be managed as contaminated water as described in Section 6 of this SOP.

15.0 Facility Operating Hours §330.229

The facility will be authorized to accept wastes and operate during the following time frames:

- The regular waste acceptance hours will be from 8:00 a.m. to 5:00 p.m., Monday through Friday. These hours will be posted on a sign at the entrance to the facility.

- Normal hours of operation will be 8:00 a.m. to 5:00 p.m., Monday through Friday.

In addition, the transfer station will include alternative operating hours to accommodate special occasions, special purpose events, holidays, or other special occurrences. The days for these alternative hours are as follows:

- The facility may request TCEQ approval of alternate operating hours up to five (5) days in a calendar year period to accommodate special occasions, special purpose events, holidays, and other special occurrences.

When warranted, the facility manager/supervisor will request approval from the Commission's Regional Office to allow additional temporary operating hours to address disaster or other emergency situations, or other unforeseen circumstances (such as traffic delays or adverse weather) that could result in the disruption of waste management services in the area. The facility manager/supervisor will document the reason or reasons for the delay for each day on which a delay occurs and place the documentation in the operating record.

In addition to the waste acceptance and operating hours, other non-waste management activities including administrative and maintenance activities may occur twenty-four hours per day, seven days per week.

16.0 Facility Sign §330.231

A conspicuous sign measuring a minimum of four feet by four feet will be maintained at all entrances to the facility. The sign states, in letters at least three inches high, the following information:

- Facility Name:
- Type of MSW Facility:
- Authorized by TCEQ Permit/Registration Number:
- Hours and Days of Operation:
- Facility Rules
- Emergency 24-Hour Contact Number:
- Local Emergency Fire Department Number:

The sign will be visible and readable from the facility entrance. The sign will state that the following wastes are prohibited from receipt at the facility:

- Regulated hazardous waste
- Polychlorinated Biphenyls (PCBs) wastes
- Lead acid storage batteries
- Do-it-Yourself (DIY) used motor vehicle oil
- Used-oil filters from internal combustion engines
- Whole used or scrap tires
- Items containing chlorinated fluorocarbons (CFCs), such as refrigerators, freezers, and air conditioners, shall only be accepted at the site if the generator or transporter provides written certification that the CFC has been evacuated from the unit and that it was not knowingly allowed to escape into the atmosphere
- Liquid waste
- Regulated Asbestos Containing Materials (RACM)

- Industrial Waste

Signs prohibiting smoking will be posted near the facility entrance or gatehouse. A sign will be prominently displayed at the facility entrance stating that all loads will be properly covered or otherwise secured.

17.0 Control of Windblown Material and Litter §330.233

Windblown material and litter will be controlled through several methods, including proper unloading procedures, the use of portable litter control fences, perimeter fences, the orientation of the facility to the prevailing wind direction, landscaping, and adequate staffing. Personnel will police the facility, including fences, access roads, and the entrance gate, every operating day to pick up and return windblown material and litter to the facility and perform other litter control measures, as necessary.

18.0 Materials Along the Route to the Facility §330.235

The facility operator will take steps to encourage that vehicles hauling waste to the facility are enclosed or provided with a tarpaulin, net, or other means to effectively secure the load in order to prevent the escape of any part of the load by blowing or spilling. The operator will take actions such as posting signs, reporting offenders to proper law enforcement officers, adding surcharges, or similar measures. On days when the facility is in operation, the operator will be responsible for, at least one time each day, cleanup of waste materials spilled along and within the right-of-way of public access roads serving the facility for a distance of two miles in either direction from any entrances used for the delivery of wastes to the facility.

19.0 Facility Access Roads §330.237

The facility will abide by the following aspects regarding facility access roads:

Tracked mud and associated debris at the entrance to the facility and on the public roadway at the entrance to the facility and trash on public roadways will be removed at least once per day on days when mud and associated debris are being tracked onto the public roadway, to the extent that mud can be reasonably considered to be associated with facility operations. The facility will keep records to demonstrate compliance with the requirement. Dust from on-site and other access roadways will not become a nuisance to surrounding areas. A water source and necessary equipment or other means of dust control approved by the TCEQ Executive Director will be provided.

Litter and any other debris on-site and other access roadways will be picked up at least daily and taken to the collection area. Access roadways will be regraded to minimize depressions, ruts, and potholes. For all-weather roads within the facility to the unloading area designated for wet-weather operation, the haul roads and access roads will be constructed with appropriate materials to provide all weather access. The facility will incorporate an all-weather facility entrance road.

Tracking of mud and trash onto public roadways will be minimized by the use of the all-weather entrance road and crushed-stone (or similar material) internal roads for the waste hauling vehicles prior to exiting the site and returning to public access roads. Street sweeper type equipment shall be used to remove mud accumulations on roads as necessary.

For dust from on-site and other access roadways, the haul roads and access roads will be maintained in a reasonable dust-free condition by periodic spraying from a water truck as necessary.

All on-site and other access roadways will be maintained on a regular basis to minimize depressions, ruts, and potholes.

For maintenance of on-site and other access roadways, in addition to stockpiles of crushed stone, the operator may stockpile concrete rubble, masonry, or other similar material used in maintaining passable access roads. Grading equipment shall be used as necessary to control or remove mud accumulations on roads.

20.0 Noise Pollution and Visual Screening §330.239

The transfer activities will be enclosed within the transfer station building. Furthermore, the proposed transfer station will be located approximately 500 feet away from the nearest public roadway and approximately 1,000 feet from the nearest residential landowner. Therefore, any noise generated in the process will be significantly confined to the transfer station building. In addition, the waste unloading and transfer process will also be visually-screened from the public by the proposed transfer station building and will minimize undesirable visual impacts.

21.0 Overloading and Breakdown §330.241

The design capacity of the solid waste facility will not be exceeded during operation. The facility will not accumulate solid wastes in quantities that cannot be processed within such time as will preclude the creation of odors, insect breeding, or harborage of other vectors. If such accumulations occur, additional solid wastes will not be received until the adverse conditions are abated.

Wastes will not be stored at the transfer station and will be taken immediately to a landfill.

If a significant work stoppage should occur due to a mechanical breakdown or other causes, the facility will restrict additional solid wastes receipt. Under such circumstances, incoming solid wastes will be diverted to an approved backup storage, processing or disposal facility. If the work stoppage is anticipated to last long enough to create objectionable odors, insect breeding, or harborage of vectors, steps will be taken to remove the accumulated solid wastes from the facility to an approved backup storage, processing, or disposal facility within 24 hours.

21.1 Backup Provision:

In the event of equipment repairs or during equipment maintenance periods, the facility will obtain equipment from other facilities, contractors, or local rental companies to avoid interruption of waste services.

22.0 Sanitation §330.243

All working surfaces that come in contact with wastes will be washed down on a weekly basis at the completion of operations at a minimum.

Wash waters will not be allowed to accumulate on-site without proper treatment to prevent the creation of odors or an attraction to vectors. All wash waters will be collected and disposed of in an authorized manner.

23.0 Ventilation and Air Pollution Control §330.245

Air emissions from the facility will not cause or contribute to a condition of air pollution as defined in the Texas Clean Air Act.

All wastes will be stored in odor-retaining containers and vessels.

The facility will be designed and operated to provide adequate ventilation for odor control and employee safety. The operator will prevent nuisance odors from leaving the boundary of the facility. If nuisance odors are found to be passing the facility boundary, the facility operator may

suspend operations until the nuisance is abated or immediately take action to abate the nuisance.

Ponded water will be controlled to avoid objectionable odors and nuisance conditions. In the event that objectionable odors do occur from any ponded water, appropriate measures shall be taken to alleviate the condition. The site will be graded to drain naturally so that storm water will not accumulate. Any unanticipated low spots where storm water may pond will be addressed by filling or grading.

The facility will not accept liquid waste; thus, there will be no exposure of liquid waste to the air.

The City of Dalhart MSW transfer station will employ the following measures:

Wastes that is identified as particularly odorous by the gate attendant or equipment operator shall be expedited to a landfill.

Process areas that recover material from solid wastes that contains putrescible material will be maintained totally within an enclosed building. Openings to the process area will be controlled to prevent releases of nuisance odors from leaving the property boundary of the facility.

Reporting of emissions events will be made in accordance with 30 TAC §101.201, Emissions Event Reporting and Recordkeeping Requirements and reporting of scheduled maintenance will be made in accordance with 30 TAC §101.211, Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements.

24.0 Health and Safety §330.247

Facility personnel will be trained in the appropriate sections of the facility's health and safety plan.

All solid wastes capable of creating public health hazards or nuisances shall be transferred promptly and shall not be allowed to result in nuisances or public health hazards.

25.0 Employee Sanitation Facilities §330.249

The facility will have potable water and sanitary facilities for all employees and visitors.

25.1 Disease Vector Control

The operator will control vectors such as rodents, flies, and mosquitoes through proper daily facility operations. If necessary, a licensed professional will apply pesticides for control of vectors to ensure that proper chemicals are used and that they are properly applied.

25.2 Visual Screening of Waste

The operator will provide visual screening of waste materials.