

CITY OF AMARILLO
CITY OF AMARILLO TRANSFER STATION
POTTER COUNTY, TEXAS

PART I

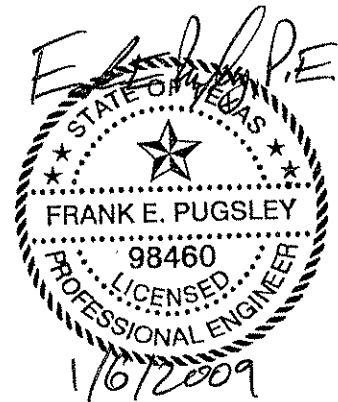
PERMIT AMENDMENT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PERMIT NO.: MSW 76

JANUARY 2009

Applicant:

City of Amarillo
P.O. Box 1971
Amarillo, Texas 79105



Prepared by:

Chiang, Patel & Yerby, Inc.
1820 Regal Row, Suite 200
Dallas, Texas 75235

**PART I
TABLE OF CONTENTS**

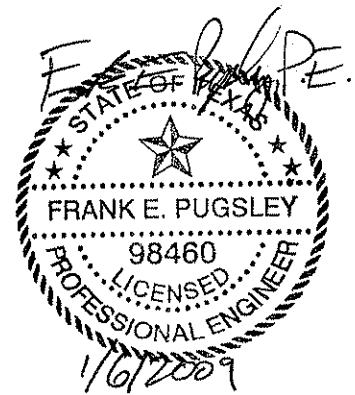
1. Purpose.....1
2. Facility Location [§330.59(b)]1
3. Maps [§330.59(c)]1
4. Property Owner Information [§330.59(d)]1
5. Legal Authority [§330.59(e)]2
6. Evidence of Competency [§330.59(f)]2
7. Appointments [§330.59(g)]3

APPENDICES

APPENDIX I-A – METES AND BOUNDS

APPENDIX I-B – PART I FORM

APPENDIX I-C – LANDOWNERS INFORMATION



ATTACHMENTS

ATTACHMENT I-1 – GENERAL LOCATION MAP– 1

ATTACHMENT I-2 – GENERAL LOCATION MAP– 2

1. Purpose

This permit amendment application is to expand the capacity of the City of Amarillo transfer station located in City of Amarillo, Potter County, Texas. The TCEQ Permit Number for the facility is MSW 76.

2. Facility Location [§330.59(b)]

The municipal solid waste transfer station is located on property owned by the City of Amarillo at the intersection of the East 26th Avenue and Grant Street within the City of Amarillo. The property also contains the City's Municipal Service center and serves many other municipal functions.

The site is located approximately 0.35 miles east of the intersection of Interstate Highway 27 and SE 26th Avenue. From this intersection, proceed east one block. SE 26th Avenue becomes SE 27th Avenue. The site is approximately 0.30 miles ahead on the north side of SE 27th Avenue.

The longitudinal and latitudinal coordinates of the facility are N 35°11.30', W 101° 49.85'. The ground surface elevation at the site is approximately 3660 feet msl.

The mailing address of the facility is as follows:

City of Amarillo
P.O. BOX 1971
Amarillo, Texas 79105

3. Maps [§330.59(c)]

The required maps are included as attachments to this section. These maps include: Attachment I-1 – General Location Map I and Attachment I-2 – General Location Map II. Land owner information is provided in Appendix I-C. The Potter-Randall appraisal district does not maintain mineral interest information.

4. Property Owner Information [§330.59(d)]

An approximately 38 acre site is owned, operated and maintained by the City of Amarillo. The site contains various other municipal operations as it serves as the City's Municipal Service Center. The permitted area of the Solid Waste Transfer Station encompasses approximately 2.07 acres. The metes and bounds of the Solid Waste Transfer Station permit boundary is shown in Appendix I-A. The legal description is also attached in Appendix I-A.

Deed information may be found in Volume 1758, Page 193; Volume 1826, Page 432; Volume 1284, Page 828; Volume 992, Page 403; Volume 974, Page 439; Volume 984, Page 616; Volume 976, Page 307.

City Ordinances 3622, 3653, 3705, and 5110 vacated streets required for the operation of both the City Service Center and the Transfer Station

The property owner affidavit may be found on page 9 of the Part I form, which is included with this application in Appendix I-B.

5. Legal Authority [§330.59(e)]

The City of Amarillo is a Home rule City operating under Title 2, Chapter 5, Section 5.004 of the Texas Local Government Code.

6. Evidence of Competency [§330.59(f)]

The City of Amarillo has owned and operated the City of Amarillo Solid Waste Transfer Station since its original permitting in 1965. In addition, the City owns and operates a municipal solid waste landfill.

<u>Site Name</u>	<u>Site Type</u>	<u>RN Number</u>	<u>County</u>	<u>Dates of Operation</u>
City Of Amarillo Landfill	Landfill	RN100237551	POTTER	1973-Present
City Of Amarillo Municipal Solid Waste Transfer Station	Transfer Station	RN102071743	POTTER	1976-Present

The City of Amarillo has no direct financial interest in any solid waste sites in any other state, territory or country outside of the State of Texas.

At least one employee who supervises or manages the operations at the transfer station shall have a Class A MSW License, as required by §30.213(a).

The number and licensing of other personnel specifically working at the transfer station is subject to change as employees are acquired and lost. The City will employ adequate personnel to operate the facility.

Currently, the City employs the following personnel at the transfer station:

<u>Employee</u>	<u>Duties</u>	<u>License/Certification</u>
Supervisor	Direction of Daily Operations	Class C
Supervisor	Direction of Daily Operations	Class C
Operator	Operate equipment and carry out daily operations	Class C
Operator	Operate equipment and carry out daily operations	Class C
Operator	Operate equipment and carry out daily operations	Waste Screening
Operator	Operate equipment and carry out daily operations	Waste Screening

The Supervisors within the City management staff who are responsible for general supervision of the operation of the transfer station include:

Title	Name	Address	Previous Affiliations
Director of Public Works	Michael Rice, P.E.	City Hall 509 S.E. Seventh Avenue, P.O. Box 1971 Amarillo, Texas 79105	City of Amarillo (10+ years)
Solid Waste Superintendent	Rick Cognasi	City Hall 509 S.E. Seventh Avenue, P.O. Box 1971 Amarillo, Texas 79105	City of Amarillo (10+ years)

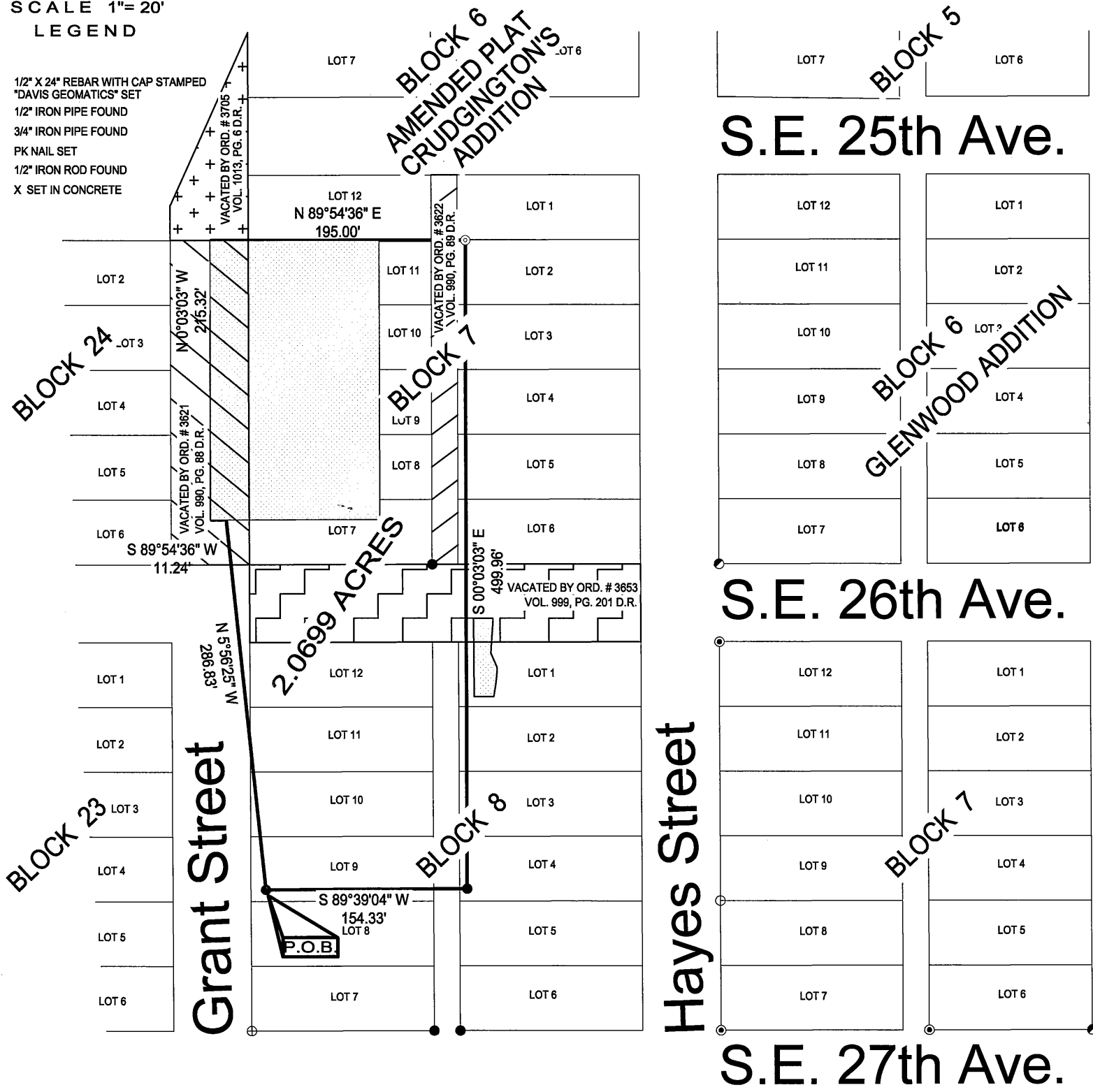
7. Appointments [§330.59(g)]

This application has been signed by the City Manager of the City of Amarillo, who is duly authorized to act on the City's behalf.

APPENDIX I-A
METES AND BOUNDS

SCALE 1" = 20'
LEGEND

- 1/2" X 24" REBAR WITH CAP STAMPED "DAVIS GEOMATICS" SET
- 1/2" IRON PIPE FOUND
- ⊙ 3/4" IRON PIPE FOUND
- ⊙ PK NAIL SET
- 1/2" IRON ROD FOUND
- ⊕ X SET IN CONCRETE



LLANO CEMETERY

NOTES

- 1) This survey was performed without the benefit of a current title report. No abstracting concerning easements was performed by this surveyor.
- 2) D.R. designates Deed Records of Potter County, Texas.

LEGAL DESCRIPTION

A 2.0699 acre tract of land being a portion of Blocks 7 and 8, and a portion of Grant Street and S.E. 26th Avenue as originally platted by Amended Plat of Crudgington's Addition to the City of Amarillo, out of Section 171, Block 2, A.B. & M. Survey, Potter County, Texas, according to the map or plat of record as recorded November 22, 1906 in Volume 29, Page 91 of the Deed Records of Potter County, Texas, said 2.0699 acre tract being described by metes and bounds as follows:

P.O.B. (Point of Beginning) is a 1/2" x 24" rebar with a plastic cap inscribed "Davis Geomatics" (such type rebar with said cap and markings hereafter referred to as a Davis Cap) set at the Southwest Corner of this 2.0699 acre tract, whence an "X" in the concrete at the Southwest corner of said Block 8 bears S 89°52'56" W --- 11.37' and S 00°07'04" E --- 108.97';

THENCE N 5°56'25" W on a Geodetic Bearing Base (as observed with GPS) for a distance of 286.83' to a slash cut in the South face of a brick building;

THENCE S 89°54'36" W along the South face of said building for a distance of 11.24' to a slash cut in the face of said brick building at a projection of the interior wall;

THENCE N 0°03'03" W along the East face of said interior wall for a distance of 215.32' to a slash cut in the North face of said brick building at a projection of the interior wall, same being the Northwest Corner of this tract;

THENCE N 89°54'36" E along the North face of said brick building projected for a distance of 195.00' PK Nail set in the asphalt, same being the Northeast corner of this tract;

THENCE S 0°03'03" E parallel with said brick building, at a distance of 249.75' pass the South Line of said Block 7, whence a Davis cap set at the Southeast Corner of Lot 7, Block 7, Amended Crudgington's Addition bears N 89°52'21" E -- 25.99', continue for a total distance of 499.96' to a Davis Cap set at the Southeast Corner of this tract;

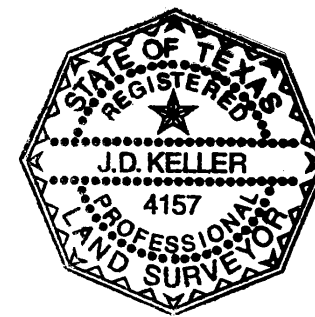
THENCE S 89°39'04" W along the projected South edge of a concrete ramp for a distance of 154.33' to the P.O.B.;

Said Tract contains 2.0699 acres of land as described.

- CERTIFICATE -

The undersigned does hereby certify to **City of Amarillo** that this plat conforms to the minimum standards set forth by the Texas Board of Professional Land Surveying according to an actual survey made on the ground by me or by others under my direct supervision.

Dated this 3rd day of October, 20 07



J.D. Keller

J. D. Keller
Registered Professional Land Surveyor
Texas Registration No. 4157
Amarillo, Texas

DRAWN BY: J.D.K.	SCALE: 1" = 100'	DATE: 10-03-2007	FILE NO.: 07-10-226	GF NO.: N/A
Copyright © 2007 - DAVIS GEOMATICS, LLC - All Rights Reserved This plat was prepared for the specific purpose indicated hereon and reliance upon or use of this plat for other purposes or transactions is strictly prohibited.				
PHONE: 806.570.0169 / FAX: 806.359.0686 P.O. BOX 4061 AMARILLO, TX 79116-4061 www.geopro.us email: info@geopro.us				

APPENDIX I-B

PART I FORM



Texas Commission on Environmental Quality

Permit or Registration Application for Municipal Solid Waste Facility

Part I

A. General Information

Facility Name:	City of Amarillo Transfer Station			
Physical or Street Address (if available):	811 SE 27 th Ave			
(City) (County)(State)(Zip Code):	Amarillo	Potter	TX	79103
(Area Code) Telephone Number:	806 378-6814			
Charter Number:	N/A			

If the application is submitted on behalf of a corporation, provide the Charter Number as recorded with the Office of the Secretary of State for Texas.

Operator Name ¹ :	City of Amarillo			
Mailing Address:	PO Box 1971			
(City) (County)(State)(Zip Code):	Amarillo	Potter	TX	79105
(Area Code) Telephone Number:				
(Area Code) FAX Number:				
Charter Number:	N/A			

If the permittee is the same as the operator, type "Same as Operator".

Permittee Name:	Same as Operator			
Physical or Street Address (if available):				
(City) (County)(State)(Zip Code):			TX	
(Area Code) Telephone Number:				
Charter Number:				

If the application is submitted by a corporation or by a person residing out of state, the applicant must register an Agent in Service or Agent of Service with the Texas Secretary of State's office and provide a complete mailing address for the agent. The agent must be a Texas resident.

Agent Name:				
Mailing Address:				
(City) (County)(State)(Zip Code):				
(Area Code) Telephone Number:				
(Area Code) FAX Number:				

Application Type:

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Major Amendment	<input type="checkbox"/> Minor Amendment
<input type="checkbox"/> Registration	<input type="checkbox"/> Modification	<input type="checkbox"/> Temporary Authorization
	<input checked="" type="checkbox"/> w/Public Notice	
	<input type="checkbox"/> w/out Public Notice	<input type="checkbox"/> Notice of Deficiency Response

¹ The operator has the duty to submit an application if the facility is owned by one person and operated by another [30 TAC 305.43(b)]. The permit will specify the operator and the owner who is listed on this application [Section 361.087 Texas Health and Safety Code].

Facility Classification:

<input type="checkbox"/> Type I	<input type="checkbox"/> Type IV	<input checked="" type="checkbox"/> Type V	<input type="checkbox"/> Type IX
<input type="checkbox"/> Type I AE	<input type="checkbox"/> Type IV AE	<input type="checkbox"/> Type VI	

Activities covered by this application (check all that apply):

<input checked="" type="checkbox"/> Storage	<input checked="" type="checkbox"/> Processing	<input type="checkbox"/> Disposal
---------------------------------------------	------------------------------------------------	-----------------------------------

Waste management units covered by this application (check all that apply):

<input type="checkbox"/> Containers	<input type="checkbox"/> Tanks	<input type="checkbox"/> Surface Impoundments	<input type="checkbox"/> Landfills
<input type="checkbox"/> Incinerators	<input type="checkbox"/> Composting	<input type="checkbox"/> Type IV Demonstration Unit	<input type="checkbox"/> Type IX Energy/Material Recovery
<input checked="" type="checkbox"/> Other (Specify)	Transfer Station	<input type="checkbox"/> Other (Specify)	
<input type="checkbox"/> Other (Specify)		<input type="checkbox"/> Other (Specify)	

Is this submittal part of a Consolidated Permit Processing request, in accordance with 30 TAC Chapter 33?

Yes No

If yes, state the other TCEQ program authorizations requested.

Provide a brief description of the portion of the facility covered by this application. For amendments, modifications, and temporary authorizations, provide a brief description of the exact changes to the permit or registration conditions and supporting documents referenced by the permit or registration. Also, provide an explanation of why the amendment, modification, or temporary authorization is requested.

Footprint and capacity expansion to provide service into the future.

Does the application contain confidential Material? Yes No

If yes, cross-reference the confidential material *throughout the application* and submit as a separate document or binder conspicuously marked "CONFIDENTIAL."

Bilingual Notice Instructions

For certain permit applications, public notice in an alternate language is required. If an elementary school or middle school nearest to the facility offers a bilingual program, notice may be required to be published in an alternative language. The Texas Education Code, upon which the TCEQ alternative language notice requirements are based, trigger a bilingual education program to apply to an entire school district should the requisite alternative language speaking student population exist. However, there may not exist any bilingual-speaking students at a particular school within a district which is required to offer the bilingual education program. For this reason, the requirement to publish notice in an alternative language is triggered if the nearest elementary or middle school, as a part of a larger school district, is required to make a bilingual education program available to qualifying students and either the school has students enrolled at such a program on-site, or has students who attend such a program at another location in satisfaction of the school's obligation to provide such a program as a member of a triggered district.

If it is determined that a bilingual notice is required, the applicant is responsible for ensuring that the publication in the alternate language is complete and accurate in that language. Electronic versions of

the Spanish template examples are available from the TCEQ to help the applicant complete the publication in the alternative language.

Bilingual Notice Application Form:

Bilingual notice confirmation for this application:

1. Is a bilingual program required by the Texas Education Code in the school district where the facility is located? YES NO

(If NO, alternative language notice publication not required)

2. If YES to question 1, are students enrolled in a bilingual education program at either the elementary school or the middle school nearest to the facility? YES NO

(If YES to questions 1 and 2, alternative language publication is required; If NO to question 2, then consider the next question)

3. If YES to question 1, are there students enrolled at either the elementary school or the middle school nearest to the facility who attend a bilingual education program at another location? YES NO

(If Yes to questions 1 and 3, alternative language publication is required; If NO to question 3, then consider the next question)

4. If YES to question 1, would either the elementary school or the middle school nearest to the facility be required to provide a bilingual education program but for the fact that it secured a waiver from this requirement, as available under 19 TAC '89.1205(g)? YES NO

(If Yes to questions 1 and 4, alternative language publication is required; If NO to question 4, alternative language notice publication not required)

If a bilingual education program(s) is provided by either the elementary school or the middle school nearest to the facility, which language(s) is required by the bilingual program?

Note: Applicants for new permits and major amendments must make a copy of the administratively complete application available at a public in the county where the facility is, or will be, located for review and copying by the public.

Public place where administratively complete permit application will be located.			
Public Place (e.g., public library, county court house, city hall, etc.):	Amarillo City Hall		
Mailing Address:	509 SE 7 th Ave, P. O. Box 1971		
(City) (County) (State) (Zip Code):	Amarillo	Potter	TX 79105
(Area Code) Telephone Number:	806-378-3000		

B. Facility Location

Except for Type I AE and Type IV AE landfill facilities, for permits, registrations, amendments, and modifications requiring public notice, 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.ci.amarillo.tx.us/departments/solidwaste.htm>

Local Government Jurisdiction:	City of Amarillo
Within City Limits of:	Amarillo
Within Extraterritorial Jurisdiction of City of:	
Is the proposed municipal or industrial solid waste disposal or processing facility located in an area in which the governing body of the municipality or county has prohibited the disposal or processing of municipal or industrial solid waste? (If YES, provide a copy of the ordinance or order):	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

Provide a description of the location of the facility with respect to known or easily identifiable landmarks.
Approximately 0.35 miles east of the intersection of Interstate Highway 27 and SE 26 th Avenue.

Detail the access routes from the nearest United States or state highway to the facility.
Via East 26 Ave from Interstate Highway 27

Provide the latitudinal and longitudinal geographic coordinates of the facility.

Latitude	N 35° 11.30' (NAD83)
Longitude	W 101° 49.85'
Elevation (above msl)	3660ft

Is the facility within the Coastal Management Program boundary?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
-----------------------------------------------------------------	---------------------------------------------------------------------

Texas Department of Transportation District Location:

TXDOT District Name & Number:	Amarillo			
District Engineer's Name:	Mark Tomlinson, P.E.			
Street or P. O. Box:	PO BOX 1971			
(City) (County)(State)(Zip Code):	Amarillo	Potter	TX	79186
(Area Code) Telephone Number:	806 356-3200			
(Area Code) FAX Number:				

The local governmental authority or agency responsible for road maintenance:

Contact Person's Name:	City of Amarillo Street Department			
Street or P. O. Box:	800 SE 23 rd Ave			
(City) (County)(State)(Zip Code):	Amarillo	Potter	TX	79103
(Area Code) Telephone Number:	806 378-6817			
(Area Code) FAX Number:	806 378-6848			

State Representative:

District Number:	87			
State Representative's Name:	David A. Swinford			
District Office Address:	600 South Tyler, Lobby Box 12013			
(City) (County)(State)(Zip Code):	Amarillo	Potter	TX	79101
(Area Code) Telephone Number:	806-374-8787			
(Area Code) FAX Number:	N/A			

State Senator:

District Number:	31			
State Senator's Name:	Kel Seliger			
District Office Address:	P.O. Box 9155			
(City) (County) (State) (Zip Code):	Amarillo	Potter	TX	79105
(Area Code) Telephone Number:	806-374-8994			
(Area Code) FAX Number:	N/A			

Council of Government (COG) Information:

COG Name:	Panahandle Regional Planning Commission			
COG Representative's Name:	Gary Pitner			
COG Representative's Title:	Executive Director			
Street or P. O. Box:	415 W. Eighth Avenue			
(City) (County) (State) (Zip Code):	Amarillo	Potter	TX	79101
(Area Code) Telephone Number:	806-372-3381			
(Area Code) FAX Number:	806-373-3268			

River Basin Information:

River Authority:	Red River Authority			
Contact Person's Name:				
Watershed Sub-Basin Name:				
Street or P. O. Box:	PO BOX 240			
(City) (County) (State) (Zip Code):	Wichita falls	Wichita	TX	76004
(Area Code) Telephone Number:	940-723-2236			
(Area Code) FAX Number:	940-723-8531			

This site is located in the following District of the U.S. Army Corps of Engineers:				
<input type="checkbox"/> Albuquerque, NM	<input type="checkbox"/> Ft. Worth, TX	<input type="checkbox"/> Galveston, TX	<input checked="" type="checkbox"/> Tulsa, OK	

C. Maps

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.

General location maps

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.

Land ownership map

Provide a map that locates the property owned by adjacent and potentially affected landowners. The maps should show all property ownership within 500 feet of the facility, on-site facility easement holders, and all mineral interest ownership under the facility.

Landowners list

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 500 feet 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.

D. Property owner information

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.

E. Legal authority

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:									
<input type="checkbox"/>	Private	<input type="checkbox"/>	Corporation	<input type="checkbox"/>	Partnership	<input type="checkbox"/>	Proprietorship	<input type="checkbox"/>	Non-Profit Organization
<input type="checkbox"/>	Public	<input type="checkbox"/>	Federal	<input type="checkbox"/>	Military	<input type="checkbox"/>	State	<input type="checkbox"/>	Regional
<input type="checkbox"/>	County	<input checked="" type="checkbox"/>	Municipal	<input type="checkbox"/>	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:				
Street or P. O. Box:				
(City) (County) (State) (Zip Code):				
(Area Code) Telephone Number:				
(Area Code) FAX Number:				
Charter Number:				

F. Evidence of competency

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
Amarillo Landfill	MSW Landfill	MSW 73A	Potter	1973-Present
Amarillo Transfer Station	MSW Transfer Station	MSW 76	Potter	1976-Present

Submit a list of all solid waste sites in all states, territories, or countries in which the owner and operator have a direct financial interest.

Site Name	Location	Dates of Operation	Regulatory Agency (Name & Address)

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

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

For landfill permit applications only, evidence of competency to operate the facility shall also include landfilling and earthmoving experience if applicable, and other pertinent experience, or licenses as

described in 30 TAC Chapter 30 possessed by key personnel. The number and size of each type of equipment to be dedicated to facility operation will be specified in greater detail on Part IV of the application within the site operating plan.

Landfilling/Earthmoving Equipment Types	Personnel Experience or Licenses

For mobile liquid waste processing units, submit a list of all solid waste, liquid waste, or mobile waste units that the owner and operator have owned or operated within the past five years. Submit a list of any final enforcement orders, court judgments, consent decrees, and criminal convictions of this state and the federal government within the last five years relating to compliance with applicable legal requirements relating to the handling of solid or liquid waste under the jurisdiction of the commission or the United States Environmental Protection Agency. Applicable legal requirement means an environmental law, regulation, permit, order, consent decree, or other requirement.

Solid waste, liquid waste, or mobile waste units owned or operated within past 5 years	Texas and federal final enforcement orders, court judgments, consent decrees, and criminal convictions

G. Appointments

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.

H. Application Fees

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-service/index.html	
E-pay confirmation number	

PROPERTY OWNER AFFIDAVIT

"I, CITY OF AMARILLO
(property owner)

acknowledge that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure and post-closure care of the facility. For a facility where waste will remain after closure, I acknowledge that I have a responsibility to file with the county deed records an affidavit to the public advising that the land will be used for a solid waste facility prior to the time that the facility actually begins operating as a municipal solid waste landfill facility, and to file a final recording upon completion of disposal operations and closure of the landfill units in accordance with Title 30 Texas Administrative Code §330.19, Deed Recordation. I further acknowledge that I or the operator and the State of Texas shall have access to the property during the active life and post-closure care period, if required, after closure for the purpose of inspection and maintenance."

Alan M Taylor
(Owner signature)

September 18, 2008
(Date)

Signature Page

I, MICHAEL RICE, DIRECTOR OF PUBLIC WORKS,
(Operator) (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: Michael Rice Date: Feb. 27, 2009

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

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

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

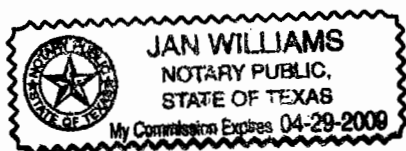
Printed or Typed Name of Operator or Principal Executive Officer

Signature

SUBSCRIBED AND SWORN to before me by the said Michael Rice

On this 27th day of February, 2009

My commission expires on the 29th day of April, 2009

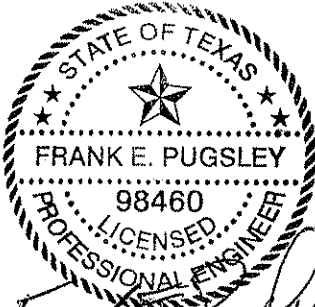


Jan Williams
Notary Public in and for
Potter County, Texas

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

APPENDIX I-C

LANDOWNERS INFORMATION



Frank E. Pugsley, P.E.
3/2/09

ID Property Owner Mailing Address

Transfer Station Ownership Records
One Quarter Mile Radius

ID	Property Owner	Mailing Address
0	PATRICK BOBBY D 2118 S LINCOLN ST AMARILLO TX 79109-2748	1602 S MONROE ST AMARILLO, TX 79102-3052
1	MONTOYA CHARLES JAMES 2119 S BUCHANAN ST AMARILLO TX 79109-2729	1833 HOPEWELL ST SANTA FE, NM 87505-3886
2	LODEN PHILLIP RAY 2311 SPRUCE ST AMARILLO TX 79103	LODEN JACQUELINE ELAINE 2310 SPRUCE ST AMARILLO, TX 79103-1333
3	ROGERS ALDEN 2310 S GARFIELD ST AMARILLO TX 79103-1321	PO BOX 53 DALHART, TX 79022-0053
4	A 1 ROCKET INDUSTRIES INC 2214 S BUCHANAN ST AMARILLO TX 79109-2732	PO BOX 9552 AMARILLO, TX 79105-9552
5	REYES ANDRES 2217 S BUCHANAN ST AMARILLO TX 79109-2731	REYES CYNTHIA ANN HERNANDEZ 2217 S BUCHANAN ST AMARILLO, TX 79109-2731
6	A 1 ROCKET INDUSTRIES INC 2216 S BUCHANAN ST AMARILLO TX 79109-2732	PO BOX 9552 AMARILLO, TX 79105-9552
7	PEDROZA ALFREDO 2219 S BUCHANAN ST AMARILLO TX 79109-2731	2219 S BUCHANAN ST AMARILLO, TX 79109-2731
8	TINOCO SANDRA MIREYA 2400 SPRUCE ST AMARILLO TX 79103-1335	2400 SPRUCE ST AMARILLO, TX 79103-1335

ID	Property Owner	Mailing Address
9	CANN LARRY DEAN 2401 SPRUCE ST AMARILLO TX 79103-1334	CANN BONNIE LEE 2401 SPRUCE ST AMARILLO, TX 79103-1334
10	ERIVES NOEL 2400 S GARFIELD ST AMARILLO TX 79103-1323	ERIVES YOLANDA 2400 S GARFIELD ST AMARILLO, TX 79103-1323
11	FRIENDSHIP BAPTIST CHURCH 2402 S ARTHUR ST AMARILLO TX 79103	2400 S ARTHUR ST AMARILLO, TX 79103-1317
12	CARRASCO RITO R 1010 SE 24TH AVE AMARILLO TX 79103	CARRASCO ANGIE 1000 SE 24TH AVE AMARILLO, TX 79103-1305
13	CARRASCO RITO R 1000 SE 24TH AVE AMARILLO TX 79103-1305	CARRASCO ANGIE 1000 SE 24TH AVE AMARILLO, TX 79103-1305
14	LONG HELEN JEAN 2218 S BUCHANAN ST AMARILLO TX 79109-2732	% ALLEN ROGER DEAN PO BOX 30879 AMARILLO, TX 79120-0879
15	BARNES YUVONNE 2220 S LINCOLN ST AMARILLO TX 79109-2750	2220 S LINCOLN ST AMARILLO, TX 79109-2750
16	WATSON CINDY 2221 S BUCHANAN ST AMARILLO TX 79109-2731	2221 S BUCHANAN ST AMARILLO, TX 79109-2731
17	ALBRIGHT JUANITA P 2403 SPRUCE ST AMARILLO TX 79103-1334	2911 WICHITA AVE AMARILLO, TX 79107-5657

ID	Property Owner	Mailing Address
18	BARAJAS BEATRICE 2402 S GARFIELD ST AMARILLO TX 79103-1323	2402 S GARFIELD ST AMARILLO, TX 79103-1323
19	SANCHEZ RAUL T 2404 S ARTHUR ST AMARILLO TX 79103-1317	SANCHEZ KARLA 2404 S ARTHUR ST AMARILLO, TX 79103-1317
20	CISNEROS RUBY 2405 S GARFIELD ST AMARILLO TX 79103	2407 S GARFIELD ST AMARILLO, TX 79103-1322
21	CALDERON GERARDO 2224 S BUCHANAN ST AMARILLO TX 79109-2732	2224 S BUCHANAN ST AMARILLO, TX 79109-2732
22	MENDOZA MARCELA 401 SE 24TH AVE AMARILLO TX 79109-2715	2413 S BUCHANAN ST AMARILLO, TX 79109-2733
23	STULL NORMAN 2222 S LINCOLN ST AMARILLO TX 79109-2750	PO BOX 620 BUSHLAND, TX 79012-0620
24	SANCHEZ RAUL T 2223 S BUCHANAN ST AMARILLO TX 79109-2731	HERNANDEZ VERONICA Z 2223 S BUCHANAN ST AMARILLO, TX 79109-2731
25	HIDALGO FRANCISCO J 2404 SPRUCE ST AMARILLO TX 79103-1335	1819 N ARTHUR ST AMARILLO, TX 79107-6542
26	MOORE KENNETH G 2405 SPRUCE ST AMARILLO TX 79103-1334	4101 SE 27TH AVE AMARILLO, TX 79103-6508

ID	Property Owner	Mailing Address
27	VARGAS EVA DUARTE 2404 S GARFIELD ST AMARILLO TX 79103-1323	2404 S GARFIELD ST AMARILLO, TX 79103-1323
28	GARCIA GERMAN ALONSO 2407 SPRUCE ST AMARILLO TX 79103-1334	2004 S ROBERTS ST AMARILLO, TX 79103-2107
29	NAGUNST PAUL ERNEST 2406 SPRUCE ST AMARILLO TX 79103-1335	% BOATWELL CHERYL 3101 S WOODLAND ST AMARILLO, TX 79103-5510
30	DUARTE VICTORIA A 2406 S GARFIELD ST AMARILLO TX 79103-1323	2406 S GARFIELD ST AMARILLO, TX 79103-1323
31	NARANJO ELSA M 2406 S ARTHUR ST AMARILLO TX 79103-1317	1602 S ARTHUR ST AMARILLO, TX 79102-4206
32	CISNEROS RUBY 2407 S GARFIELD ST AMARILLO TX 79103-1322	2407 S GARFIELD ST AMARILLO, TX 79103-1322
33	LERMA MARIANO M 2409 S GARFIELD ST AMARILLO TX 79103-1322	2409 S GARFIELD ST AMARILLO, TX 79103-1322
34	WILEY WILLIAM DALE 2400 S LINCOLN ST AMARILLO TX 79109-2752	2400 S LINCOLN ST AMARILLO, TX 79109-2752
35	A 1 ROCKET INDUSTRIES INC 2401 S BUCHANAN ST AMARILLO TX 79109	PO BOX 9552 AMARILLO, TX 79105-9552

ID	Property Owner	Mailing Address
36	RIVERA APOLONIO 2409 SPRUCE ST AMARILLO TX 79103-1334	RIVERA GUADALUPE 2409 SPRUCE ST AMARILLO, TX 79103-1334
37	HERNANDEZ TONY 2408 SPRUCE ST AMARILLO TX 79103-1335	2408 SPRUCE ST AMARILLO, TX 79103-1335
38	BRIONES ESTEBAN C 2408 S ARTHUR ST AMARILLO TX 79103-1317	2612 WICHITA AVE AMARILLO, TX 79107-5635
39	GONZALES TRINIDAD 2410 S ARTHUR ST AMARILLO TX 79103-1317	2410 S ARTHUR ST AMARILLO, TX 79103-1317
40	NELSON LONNIE MAX 412 SE 24TH AVE AMARILLO TX 79109-2716	412 SE 24TH AVE AMARILLO, TX 79109-2716
41	WILEY WESLEY DEE 2404 S LINCOLN ST AMARILLO TX 79109-2752	2404 S LINCOLN ST AMARILLO, TX 79109-2752
42	HERNANDEZ ANTHONY 2410 SPRUCE ST AMARILLO TX 79103	2408 SPRUCE ST AMARILLO, TX 79103-1335
43	RAMIREZ MARTIN TORREZ 2411 SPRUCE ST AMARILLO TX 79103-1334	2411 SPRUCE ST AMARILLO, TX 79103-1334
44	CISNEROS FRANCISCO 2411 S GARFIELD ST AMARILLO TX 79103-1322	2411 S GARFIELD ST AMARILLO, TX 79103-1322

ID	Property Owner	Mailing Address
45	VALADEZ MARIA ANDERSON 2402 S BUCHANAN ST AMARILLO TX 79109-2734	2402 S BUCHANAN ST AMARILLO, TX 79109-2734
46	A 1 ROCKET INDUSTRIES INC 2405 S BUCHANAN ST AMARILLO TX 79109-2733	2214 S BUCHANAN ST AMARILLO, TX 79109-2732
47	DOCKINS ELRAY 2404 S BUCHANAN ST AMARILLO TX 79109-2734	301 HOLHOUSER ST CLAUDE, TX 79019-3441
48	MCKINLEY LEWIE 2406 S LINCOLN ST AMARILLO TX 79109-2752	2406 S LINCOLN ST AMARILLO, TX 79109-2752
49	LUCERO JESSIE ADOLFO 2407 S BUCHANAN ST AMARILLO TX 79109-2733	LUCERO JESSICA 2407 S BUCHANAN ST AMARILLO, TX 79109-2733
50	NGUYEN NGHI HUU 2406 S BUCHANAN ST AMARILLO TX 79109-2734	2406 S BUCHANAN ST AMARILLO, TX 79109-2734
51	SOSA HUMBERTO 2501 SPRUCE ST AMARILLO TX 79103-1336	1112 SE 24TH AVE AMARILLO, TX 79103-1402
52	FERGUSON L D 2501 S GARFIELD ST AMARILLO TX 79103-1324	5147 ROYCE DR AMARILLO, TX 79110-3010
53	OLGUIN MANUEL O 2500 S GARFIELD ST AMARILLO TX 79103-1325	OLGUIN MARY M 2507 SPRUCE ST AMARILLO, TX 79103-1336

ID	Property Owner	Mailing Address
54	REED JOE WESLEY 2500 SPRUCE ST AMARILLO TX 79103-1337	PO BOX 31011 AMARILLO, TX 79120-1011
55	REED JOE WESLEY 2502 SPRUCE ST AMARILLO TX 79103-1337	PO BOX 31011 AMARILLO, TX 79120-1011
56	MERCADO 2503 S GARFIELD ST AMARILLO TX 79103	NAVARETTE OLIVITH 2608 S MIRROR ST AMARILLO, TX 79103-1623
57	MCKINLEY LEWIE 2408 S LINCOLN ST AMARILLO TX 79109	2406 S LINCOLN ST AMARILLO, TX 79109-2752
58	DEFRANCE LARRY M 2409 S BUCHANAN ST AMARILLO TX 79109-2733	2805 JULIAN BLVD AMARILLO, TX 79102-1103
59	BADILLO ABEL 2408 S BUCHANAN ST AMARILLO TX 79109-2734	2408 S BUCHANAN ST AMARILLO, TX 79109-2734
60	ARMENDARIZ GUMARO 2504 S GARFIELD ST AMARILLO TX 79103-1325	ARMENDARIZ BELEM 2504 S GARFIELD ST AMARILLO, TX 79103-1325
61	GARZA RAUL C 2503 SPRUCE ST AMARILLO TX 79103-1336	% RAMIREZ NELSON % RAMIREZ BENICIA AMARILLO, TX 79103-1336
62	LUVAUL DAHL L 2505 SPRUCE ST AMARILLO TX 79103-1336	2505 SPRUCE ST AMARILLO, TX 79103-1336

ID	Property Owner	Mailing Address
63	VILLESCLAS HECTOR 2410 S LINCOLN ST AMARILLO TX 79109-2752	VILLESCLAS MARINA 1407 S BUCHANAN ST AMARILLO, TX 79101-4432
64	CLAPP MARK 2410 S BUCHANAN ST AMARILLO TX 79109	5022 S FANNIN ST AMARILLO, TX 79110-3202
65	HEREDIA FELIPE 2411 S BUCHANAN ST AMARILLO TX 79109-2733	HEREDIA ELVA 2411 S BUCHANAN ST AMARILLO, TX 79109-2733
66	CHAVEZ GILBERTO 2505 S GARFIELD ST AMARILLO TX 79103-1324	2505 S GARFIELD ST AMARILLO, TX 79103-1324
67	REED JOE WESLEY 2504 SPRUCE ST AMARILLO TX 79103	PO BOX 31011 AMARILLO, TX 79120-1011
68	HELTON FANNIE L 2414 S LINCOLN ST AMARILLO TX 79109-2752	2414 S LINCOLN ST AMARILLO, TX 79109-2752
69	CORTES MARIA VICTORIA 2413 S BUCHANAN ST AMARILLO TX 79109-2733	2413 S BUCHANAN ST AMARILLO, TX 79109-2733
70	CASTILLO ROSALINDA 2412 S BUCHANAN ST AMARILLO TX 79109-2734	2412 S BUCHANAN ST AMARILLO, TX 79109-2734
71	OLGUIN MANUEL O 2507 SPRUCE ST AMARILLO TX 79103-1336	OLGUIN MARY M 2507 SPRUCE ST AMARILLO, TX 79103-1336

ID	Property Owner	Mailing Address
72	CAUDILLO FRANCISCO 2506 S GARFIELD ST AMARILLO TX 79103-1325	CAUDILLO MELISSA 2508 S GARFIELD ST AMARILLO, TX 79103-1325
73	PEREZ LUIS 2507 S GARFIELD ST AMARILLO TX 79103-1324	LAZARO MARIA DE LA LUZ 2507 S GARFIELD ST AMARILLO, TX 79103-1324
74	ARAGON JESUS ALFREDO 2506 SPRUCE ST AMARILLO TX 79103-1337	DAVILA MARIA NELA 2506 SPRUCE ST AMARILLO, TX 79103-1337
75	PEREZ LUIS 2509 S GARFIELD ST AMARILLO TX 79103	LAZARO MARIA DE LA LUZ 2507 S GARFIELD ST AMARILLO, TX 79103-1324
76	CAUDILLO FRANCISCO 2508 S GARFIELD ST AMARILLO TX 79103-1325	CAUDILLO MELISSA 2508 S GARFIELD ST AMARILLO, TX 79103-1325
77	CANDELARIO MARGARET 2415 S BUCHANAN ST AMARILLO TX 79109-2733	2810 DUNCAN DR UNIT B AMARILLO, TX 79109-7330
78	ROMERO BERTHA 2414 S BUCHANAN ST AMARILLO TX 79109-2734	607 S PHILADELPHIA ST AMARILLO, TX 79104-1609
79	LUVAVL SELMA 2508 SPRUCE ST AMARILLO TX 79103-1337	2510 SPRUCE ST AMARILLO, TX 79103-1337
80	FLORES MANUELA 941 SE 26TH AVE AMARILLO TX 79103-1310	LOPEZ MARISELA 4726 CAPULIN LN AMARILLO, TX 79110-2635

ID	Property Owner	Mailing Address
81	BANDA ABELARDO SOSA 2509 SPRUCE ST AMARILLO TX 79103-1336	GUTIERREZ REYNA IRMA 2509 SPRUCE ST AMARILLO, TX 79103-1336
82	SWARTZ & BROUGH INC 2511 S GARFIELD ST AMARILLO TX 79103-1324	2600 VIA FORTUNA STE 360 AUSTIN, TX 78746-7983
83	MEZA RAUL A 2508 S ARTHUR ST AMARILLO TX 79103-1319	411 NE 3RD AVE AMARILLO, TX 79107-5387
84	LUVAUL SELMA 2510 SPRUCE ST AMARILLO TX 79103-1337	2510 SPRUCE ST AMARILLO, TX 79103-1337
85	CITY OF AMARILLO 2509 S HAYES ST AMARILLO TX	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971
86	BILBREY SONYA L 2416 S LINCOLN ST AMARILLO TX 79109-2752	BILBREY JASON T 2416 S LINCOLN ST AMARILLO, TX 79109-2752
87	LOOBY RICK A 2417 S BUCHANAN ST AMARILLO TX 79109-2733	PO BOX 20103 AMARILLO, TX 79114-2103
88	CAMPOS EVARISTO RUIZ 2511 SPRUCE ST AMARILLO TX 79103-1336	2511 SPRUCE ST AMARILLO, TX 79103-1336
89	MALDONADO GUILLERMO 2510 S ARTHUR ST AMARILLO TX 79103-1319	2604 S CLEVELAND ST AMARILLO, TX 79103-1611

ID	Property Owner	Mailing Address
90	KEATING JUNE MARIE 2416 S BUCHANAN ST AMARILLO TX 79109-2734	2416 S BUCHANAN ST AMARILLO, TX 79109-2734
91	THOMPSON SIDNEY H 2418 S BUCHANAN ST AMARILLO TX 79109	3915 DANBURY DR AMARILLO, TX 79109-4031
92	TOLLETT KENNETH D 2418 S LINCOLN ST AMARILLO TX 79109	1623 S LINCOLN ST AMARILLO, TX 79102-3106
93	BROWN JAMES JACKIE ETAL 2419 S BUCHANAN ST AMARILLO TX 79109-2733	3520 RUSTON DR AMARILLO, TX 79109-3932
94	CITY OF AMARILLO 2602 S HAYES ST AMARILLO TX 79103	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971
95	MOORE TOMMIE LOU 2420 S LINCOLN ST AMARILLO TX 79109	1623 S LINCOLN ST AMARILLO, TX 79102-3106
96	WILLIAMS JIMMY H 2421 S BUCHANAN ST AMARILLO TX 79109-2733	6829 CLUB MEADOWS DR AMARILLO, TX 79124-1427
97	CITY OF AMARILLO 2602 S GRANT ST AMARILLO TX 79103	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971
98	FLORES ARMANDO A 2601 SPRUCE ST AMARILLO TX 79103-1531	FLORES VICKIE 4013 S POLK ST AMARILLO, TX 79110-1626

ID	Property Owner	Mailing Address
99	GONZALEZ JOSE J 2603 S HAYES ST AMARILLO TX 79103-1523	2605 S HAYES ST AMARILLO, TX 79103-1523
100	GONZALEZ JOSE 2601 S HAYES ST AMARILLO TX 79103-1523	2605 S HAYES ST AMARILLO, TX 79103-1523
101	GONZALEZ TERESA ANN 2600 OLIVE ST AMARILLO TX 79103	2605 S HAYES ST AMARILLO, TX 79103-1523
102	PEREZ ERNEST 2600 S GARFIELD ST AMARILLO TX 79103-1518	PEREZ ANA 2600 S GARFIELD ST AMARILLO, TX 79103-1518
103	ARREOLA ANGEL 2600 S ARTHUR ST AMARILLO TX 79103	ARREOLA PAULA 1015 SE 27TH AVE AMARILLO, TX 79103-1507
104	FLORES AMY M 2601 S GARFIELD ST AMARILLO TX 79103-1517	2601 S GARFIELD ST AMARILLO, TX 79103-1517
105	MOORE TOMMIE LOU 2422 S LINCOLN ST AMARILLO TX 79109-2752	1623 S LINCOLN ST AMARILLO, TX 79102-3106
106	MURGUIA RODOLFO 505 SE 25TH AVE AMARILLO TX 79109	MURGUIA PATRICIA ALANIS 2625 BROOK AVE AMARILLO, TX 79107-5605
107	MURGUIA RODOLFO 511 SE 26TH AVE AMARILLO TX 79109-2704	MURGUIA PATRICIA ALANIS 2625 BROOK AVE AMARILLO, TX 79107-5605

ID	Property Owner	Mailing Address
108	STEPP RUSTY	STEPP MARILYN 504 W CENTRAL AVE AMARILLO, TX 79108-4416
109	CITY OF AMARILLO 2604 S GRANT ST AMARILLO TX 79103	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971
110	LUCERO EDWARD 2602 OLIVE ST AMARILLO TX 79103-1526	PO BOX 32171 AMARILLO, TX 79120-2171
111	HERNANDEZ ROSENDO 2605 SPRUCE ST AMARILLO TX 79103-1531	HERNANDEZ TONY 1012 DUNAWAY ST AMARILLO, TX 79104-3223
112	LOPEZ ALEMAN 2602 S GARFIELD ST AMARILLO TX 79103-1518	LOPEZ JOSE ANTONIO 2602 S GARFIELD ST AMARILLO, TX 79103-1518
113	FLORES REY 2603 S GARFIELD ST AMARILLO TX 79103-1517	2603 S GARFIELD ST AMARILLO, TX 79103-1517
114	ARREOLA ANGEL 2602 S ARTHUR ST AMARILLO TX 79103	ARREOLA PAULA 1015 SE 27TH AVE AMARILLO, TX 79103-1507
115	GONZALEZ TERESA ANN 2605 S HAYES ST AMARILLO TX 79103-1523	2605 S HAYES ST AMARILLO, TX 79103-1523
116	MOORE RODGER K 2604 S GARFIELD ST AMARILLO TX 79103-1518	MOORE BARBARA A 2604 S GARFIELD ST AMARILLO, TX 79103-1518

ID	Property Owner	Mailing Address
117	SERNA JULIANA B 2604 SPRUCE ST AMARILLO TX 79103-1532	2604 SPRUCE ST AMARILLO, TX 79103-1532
118	VALLEZ RITO 2604 OLIVE ST AMARILLO TX 79103-1526	2604 OLIVE ST AMARILLO, TX 79103-1526
119	FIERRO ISMAEL 2607 SPRUCE ST AMARILLO TX 79103-1531	5509 SW 9TH AVE APT 414 AMARILLO, TX 79106-4176
120	FLORES AMANDA 2605 S GARFIELD ST AMARILLO TX 79103-1517	FLORES REY 2605 S GARFIELD ST AMARILLO, TX 79103-1517
121	ARREOLA ANGEL 2604 S ARTHUR ST AMARILLO TX 79103-1512	ARREOLA PAULA 1015 SE 27TH AVE AMARILLO, TX 79103-1507
122	REESE JEFFREY A 2606 SPRUCE ST AMARILLO TX 79103	1719 SW 6TH AVE AMARILLO, TX 79106-8331
123	WHITE JAMES N 2600 S LINCOLN ST AMARILLO TX 79109-2771	WHITE CONDE G 2218 S TYLER ST AMARILLO, TX 79109-2635
124	WHITE JAMES N 2601 S BUCHANAN ST AMARILLO TX	WHITE CONDE G 2218 S TYLER ST AMARILLO, TX 79109-2635
125	CITY OF AMARILLO 2606 S GRANT ST AMARILLO TX 79103	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971

ID	Property Owner	Mailing Address
126	HOLLAND BARBARA 2606 OLIVE ST AMARILLO TX 79103-1526	2606 OLIVE ST AMARILLO, TX 79103-1526
127	MONTOYA ERNEST 2607 S HAYES ST AMARILLO TX 79103-1523	2607 S HAYES ST AMARILLO, TX 79103-1523
128	ORNELAS ERMINEA 949 SE 27TH AVE AMARILLO TX 79103-1539	949 SE 27TH AVE AMARILLO, TX 79103-1539
129	ALMEDA ANA 2607 S GARFIELD ST AMARILLO TX 79103-1517	HERNANDEZ MELANIE 2607 S GARFIELD ST AMARILLO, TX 79103-1517
130	ARREOLA ANGEL 2606 S ARTHUR ST AMARILLO TX 79103	ARREOLA PAULA 1015 SE 27TH AVE AMARILLO, TX 79103-1507
131	FIERRO ISAAC 2608 OLIVE ST AMARILLO TX 79103-1526	2708 S CLEVELAND ST AMARILLO, TX 79103-1613
132	ORNELAS FRANCISCO 943 SE 27TH AVE AMARILLO TX 79103-1539	ORNELAS MELVA 943 SW 27TH AVE AMARILLO, TX 79103-1539
133	REESE JEFFREY A 2608 SPRUCE ST AMARILLO TX 79103	1719 SW 6TH AVE AMARILLO, TX 79106-8331
134	ARREOLA ANGEL 1015 SE 27TH AVE AMARILLO TX 79103-1507	1011 SE 27TH AVE AMARILLO, TX 79103-1507

ID	Property Owner	Mailing Address
135	ARREOLA ANGEL 2609 S GARFIELD ST AMARILLO TX 79103	ARREOLA PAULA 1015 SE 27TH AVE AMARILLO, TX 79103-1507
136	GONZALEZ ERVEY 913 SE 27TH AVE AMARILLO TX 79103	2605 S HAYES ST AMARILLO, TX 79103-1523
137	REESE JEFFREY A 2610 SPRUCE ST AMARILLO TX 79103	1719 SW 6TH AVE AMARILLO, TX 79106-8331
138	ARREOLA ANGEL 1001 SE 27TH AVE AMARILLO TX 79103-1507	ARREOLA PAULA 1015 SE 27TH AVE AMARILLO, TX 79103-1507
139	ZIMMER JOHN M 2700 S LINCOLN ST AMARILLO TX 79109-2772	ZIMMER JILL M 4412 CHARLENE AVE AMARILLO, TX 79106-6127
140	OSGOOD LAGRONE MONUMENT CO 2701 S BUCHANAN ST A AMARILLO TX 79109-2735	PO BOX 1347 AMARILLO, TX 79105-1347
141	SMITH JAMES H 924 SE 27TH AVE AMARILLO TX 79103-1540	SMITH SONJA J 924 SE 27TH AVE AMARILLO, TX 79103-1540
142	BROCK LOWELL ETUX 2700 S GARFIELD ST AMARILLO TX 79103-1520	2700 S GARFIELD ST AMARILLO, TX 79103-1520
143	SUHOR INDUSTRIES INC 913 SE 28TH AVE AMARILLO TX	10965 GRANADA LN STE 300 LEAWOOD, KS 66211-1412

ID	Property Owner	Mailing Address
144	ARANDA MARTIN 2701 S GARFIELD ST AMARILLO TX 79103-1519	ARANDA MARIA 8301 HAIMES ST AMARILLO, TX 79118-6389
145	WARD THOMAS 2701 SPRUCE ST AMARILLO TX 79103-1533	2710 SPRUCE ST AMARILLO, TX 79103-1534
146	WARD THOMAS 2703 SPRUCE ST AMARILLO TX 79103-1533	2710 SPRUCE ST AMARILLO, TX 79103-1534
147	FLORES RAMON G JR 2705 S GARFIELD ST AMARILLO TX 79103-1519	2705 S GARFIELD ST AMARILLO, TX 79103-1519
148	PURCELL FRANCES 2705 SPRUCE ST AMARILLO TX 79103-1533	PO BOX 30355 AMARILLO, TX 79120-0355
149	GARCIA MARISELA 2707 S BUCHANAN ST AMARILLO TX 79109-2735	2505 S ROBERTS ST AMARILLO, TX 79103-2421
150	RAMOS MARIA G 2704 SPRUCE ST AMARILLO TX 79103-1534	1403 S CLEVELAND ST AMARILLO, TX 79102-4214
151	STOJANOVIC SVETLANA K 2704 S GARFIELD ST AMARILLO TX 79103-1520	2003 ORANGE ST AMARILLO, TX 79107-3825
152	MORALES MARIA YOLANDA 2706 S GARFIELD ST AMARILLO TX 79103-1520	2706 S GARFIELD ST AMARILLO, TX 79103-1520

ID	Property Owner	Mailing Address
153	BURD MARCIA RENEE 2711 S GARFIELD ST AMARILLO TX 79103-1519	2801 TYNDALE LN AMARILLO, TX 79118-5050
154	WARD THOMAS 2707 SPRUCE ST AMARILLO TX 79103-1533	2710 SPRUCE ST AMARILLO, TX 79103-1534
155	WARD THOMAS 2706 SPRUCE ST AMARILLO TX 79103-1534	2710 SPRUCE ST AMARILLO, TX 79103-1534
156	BROCK LOWELL 2708 S GARFIELD ST AMARILLO TX 79103-1520	% MITCHELL JULIE 2708 S GARFIELD ST AMARILLO, TX 79103-1520
157	E & A LEASING CO 2717 S BUCHANAN ST AMARILLO TX 79109-2735	119 S POLK ST AMARILLO, TX 79101-1423
158	ZIMMER JOHN M 2709 S BUCHANAN ST AMARILLO TX 79109-2735	ZIMMER JILL M 4412 CHARLENE AVE AMARILLO, TX 79106-6127
159	WARD THOMAS	2710 SPRUCE ST AMARILLO, TX 79103-1534
160	ALVEREZ JORGE 2709 SPRUCE ST AMARILLO TX 79103-1533	2709 SPRUCE ST AMARILLO, TX 79103-1533
161	FARMERS ELEVATOR OF 2719 S BUCHANAN ST AMARILLO TX 79109	DAWN INC PO BOX 804 CANYON, TX 79015-0804

ID	Property Owner	Mailing Address
162	WARD THOMAS 2710 SPRUCE ST AMARILLO TX 79103-1534	2710 SPRUCE ST AMARILLO, TX 79103-1534
163	RODRIQUEZ HERIBERTO 2710 S GARFIELD ST AMARILLO TX 79103-1520	RODRIQUEZ MARIA B 2710 S GARFIELD ST AMARILLO, TX 79103-1520
164	DELEON MARIA G 2711 SPRUCE ST AMARILLO TX 79103-1541	202 N ARTHUR ST AMARILLO, TX 79107-5438
165	LLANO CEMETERY ASSN 2711 S HAYES ST AMARILLO TX	PO BOX 563 AMARILLO, TX 79105-0563
166	LLANO CEMETERY ASSN	PO BOX 563 AMARILLO, TX 79105-0563
167	BITELA LARRY 2800 SPRUCE ST AMARILLO TX 79103-1536	1039 BAGARRY ST AMARILLO, TX 79104-3221
168	MOORE KENNETH G 2801 SPRUCE ST AMARILLO TX 79103-1535	4101 SE 27TH AVE AMARILLO, TX 79103-6508
169	SAUCEDO FELIX JR ETUX 2800 S GARFIELD ST AMARILLO TX 79103-1522	5024 CHARLES ST AMARILLO, TX 79106-4719
170	SUHOR INDUSTRIES INC 2800 OLIVE ST AMARILLO TX 79103	10965 GRANADA LN STE 300 LEAWOOD, KS 66211-1412
171	VALLEY 993 TRUST 2803 SPRUCE ST AMARILLO TX 79103-1535	HAL COLLIER TRUSTEE 6455 BIXBY TERRACE DR LONG BEACH, CA 90815-4700
172	SOTO PAULINA 2802 SPRUCE ST AMARILLO TX 79103-1536	2213 SE 21ST AVE AMARILLO, TX 79103-4201

ID	Property Owner	Mailing Address
173	GUZMAN ANITA 2806 S GARFIELD ST AMARILLO TX 79103-1522	2804 S GARFIELD ST AMARILLO, TX 79103-1522
174	WARD THOMAS 2804 OLIVE ST AMARILLO TX 79103-1530	2710 SPRUCE ST AMARILLO, TX 79103-1534
175	GARCIA MARGARITTE 2804 SPRUCE ST AMARILLO TX 79103-1536	2804 SPRUCE ST AMARILLO, TX 79103-1536
176	WARD THOMAS 2805 SPRUCE ST AMARILLO TX 79103-1535	2710 SPRUCE ST AMARILLO, TX 79103-1534
177	WARD CHARLES DELBERT 2806 OLIVE ST AMARILLO TX 79103-1530	2710 SPRUCE ST AMARILLO, TX 79103-1534
178	DELEON MARIA G 2806 SPRUCE ST AMARILLO TX 79103-1536	% VILLEGAS REYDESEL GOMEZ VERONICA 2806 SPRUCE ST AMARILLO, TX 79103-1536
179	WARD THOMAS 2807 SPRUCE ST AMARILLO TX 79103-1535	2710 SPRUCE ST AMARILLO, TX 79103-1534
180	WARD THOMAS 2808 OLIVE ST AMARILLO TX 79103-1530	2710 SPRUCE ST AMARILLO, TX 79103-1534
181	ROSS FLORENCE A ESTATE 2808 SPRUCE ST AMARILLO TX 79103-1536	% WARD CHRIS T 2710 SPRUCE ST AMARILLO, TX 79103-1534
182	WARD THOMAS 2809 SPRUCE ST AMARILLO TX 79103-1535	2710 SPRUCE ST AMARILLO, TX 79103-1534

ID	Property Owner	Mailing Address
183	TORRES CESAR 2810 SPRUCE ST AMARILLO TX 79103-1536	TORRES JANIE 2810 SPRUCE ST AMARILLO, TX 79103-1536
184	SANCHEZ AGUSTIN 2810 OLIVE ST AMARILLO TX 79103-1530	920 GARDENIA ST AMARILLO, TX 79107-7621
185	LLANO CEMETERY ASSN 2805 S HAYES ST AMARILLO TX	PO BOX 563 AMARILLO, TX 79105-0563
186	WARD THOMAS 2811 SPRUCE ST AMARILLO TX 79103-1535	2710 SPRUCE ST AMARILLO, TX 79103-1534
187	LLANO CEMETERY ASSN 2900 S HAYES ST AMARILLO TX 79103-5802	PO BOX 563 AMARILLO, TX 79105-0563
188	WAL MART STORES INC 421 SE 34TH AVE AMARILLO TX 79103-1702	% ANDERSON MERCHANDISERS LP RYAN & CO 221 N Kansas St # 1502 EL PASO, TX 79901-1400
189	LLANO CEMETERY ASSN	PO BOX 563 AMARILLO, TX 79105-0563
190	BURLINGTON NORTHERN SANTA FE RAILROAD C	PROPERTY TAX DEPT AOB 2 PO BOX 961089 FORT WORTH, TX 76161-0089
191	VILLETT LLOYD L 901 SE 27TH AVE AMARILLO TX 79103-1505	3616 W POINT DR AMARILLO, TX 79121-1748
192	ARCE JAVIER 2600 SPRUCE ST AMARILLO TX 79103-1532	4016 TUCSON DR AMARILLO, TX 79109-5529
193	OWENS GLORIA 2410 S GARFIELD ST AMARILLO TX 79103-1323	2410 S GARFIELD ST AMARILLO, TX 79103-1323

ID	Property Owner	Mailing Address
194	SHELTON ELOISE 2500 S ARTHUR ST AMARILLO TX 79103-1319	2500 S ARTHUR ST AMARILLO, TX 79103-1319
195	SHELTON ELOISE	2500 S ARTHUR ST AMARILLO, TX 79103-1319
196	FUENTES SANTOS JR 2504 S ARTHUR ST AMARILLO TX 79103-1319	FUENTES ZELDA 2504 S ARTHUR ST AMARILLO, TX 79103-1319
197	BURLINGTON NORTHERN SANTA FE RAILROAD C	PROPERTY TAX DEPT AOB 2 PO BOX 961089 FORT WORTH, TX 76161-0089
198	CITY OF AMARILLO 701 SE 27TH AVE AMARILLO TX 79103	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971
199	BURLINGTON NORTHERN SANTA FE RAILROAD C	PROPERTY TAX DEPT AOB 2 PO BOX 961089 FORT WORTH, TX 76161-0089
200	VELASQUEZ EUGENE M 929 SE 27TH AVE AMARILLO TX 79103	925 SE 27TH AVE AMARILLO, TX 79103-1539
201	FLORES JESUS 2209 SPRUCE ST AMARILLO TX 79103-1129	2209 SPRUCE ST AMARILLO, TX 79103-1129
202	PINKSTON HOLLAR CONST SERVICES	CONST SERVICES INC % PINKSTON L S PO BOX 2722 AMARILLO, TX 79105-2722
203	MOORE KENNETH G 2208 S GARFIELD ST AMARILLO TX 79103-1122	4101 SE 27TH AVE AMARILLO, TX 79103-6508

ID	Property Owner	Mailing Address
204	ENERGAS COMPANY ATMOS ENERGY CO	ATMOS ENERGY CORPORATION ATTN PROPERTY TAX DEPT PO BOX 650205 DALLAS, TX 75265-0205
205	HOLLAND D C SR 2206 SPRUCE ST AMARILLO TX 79103-1130	112 S MILAM ST AMARILLO, TX 79106-8227
206	VARELA JAIME 2211 SPRUCE ST AMARILLO TX 79103-1129	VARELA GUADALUPE 3703 SE 15TH AVE AMARILLO, TX 79104-3711
207	MOORE KENNETH G 2210 S GARFIELD ST AMARILLO TX 79103-1122	4101 SE 27TH AVE AMARILLO, TX 79103-6508
208	DEMERSON ELIJAH B 2200 S LINCOLN ST AMARILLO TX 79109-2750	PO BOX 9692 AMARILLO, TX 79105-9692
209	MORRIS THERON RAY JR 512 SE 22ND AVE AMARILLO TX 79109-2710	3505 HARRIS DR AMARILLO, TX 79103-6911
210	SOTELO FRANK 508 SE 22ND AVE AMARILLO TX 79109	% ARRATIA PABLO ARRATIA GABRIELA 508 SE 22ND AVE AMARILLO, TX 79109-2731
211	ESCARCEGA SAUL FERNANDEZ 2202 S LINCOLN ST AMARILLO TX 79109-2750	DESANTIAGO ROSA ELB 2202 S LINCOLN ST AMARILLO, TX 79109-2750
212	PRIEN LAWRENCE ANTHONY 2204 S BUCHANAN ST AMARILLO TX 79109-2732	2204 S BUCHANAN ST AMARILLO, TX 79109-2732
213	CITY OF AMARILLO 2402 OLIVE ST AMARILLO TX 79103	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971

ID	Property Owner	Mailing Address
214	CGP FAMILY LP 2203 S BUCHANAN ST AMARILLO TX 79109-2731	PO BOX 50784 AMARILLO, TX 79159-0784
215	GUARDADO ESTEBAN 2300 SPRUCE ST AMARILLO TX 79103-1333	GUARDADO DELFINA 1211 S ARTHUR ST AMARILLO, TX 79102-4024
216	REYES AGAPITO 2301 SPRUCE ST AMARILLO TX 79103-1332	13601 W US HIGHWAY 60 CANYON, TX 79015-7289
217	PANTOJA JACOB 2300 S GARFIELD ST AMARILLO TX 79103-1321	2300 S GARFIELD ST AMARILLO, TX 79103-1321
218	CITY OF AMARILLO 2115 S HAYES ST AMARILLO TX	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971
219	MAVERICK BOYS CLUB	OF AMARILLO 1923 S LINCOLN ST AMARILLO, TX 79109-2745
220	SMITH HOWELL A 2108 S LINCOLN ST AMARILLO TX 79109-2748	RAY HELLEN A SMITH 2108 S LINCOLN ST AMARILLO, TX 79109-2748
221	NIZZA JULIE 2110 S LINCOLN ST AMARILLO TX 79109-2748	NIZZA TERRI 2110 S LINCOLN ST AMARILLO, TX 79109-2748
222	CITY OF AMARILLO 800 SE 23RD AVE FH04 AMARILLO TX 79103-1108	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971
223	MARTINEZ GEORGE 2201 SPRUCE ST AMARILLO TX 79103-1129	2919 DUNAWAY ST AMARILLO, TX 79103-7118

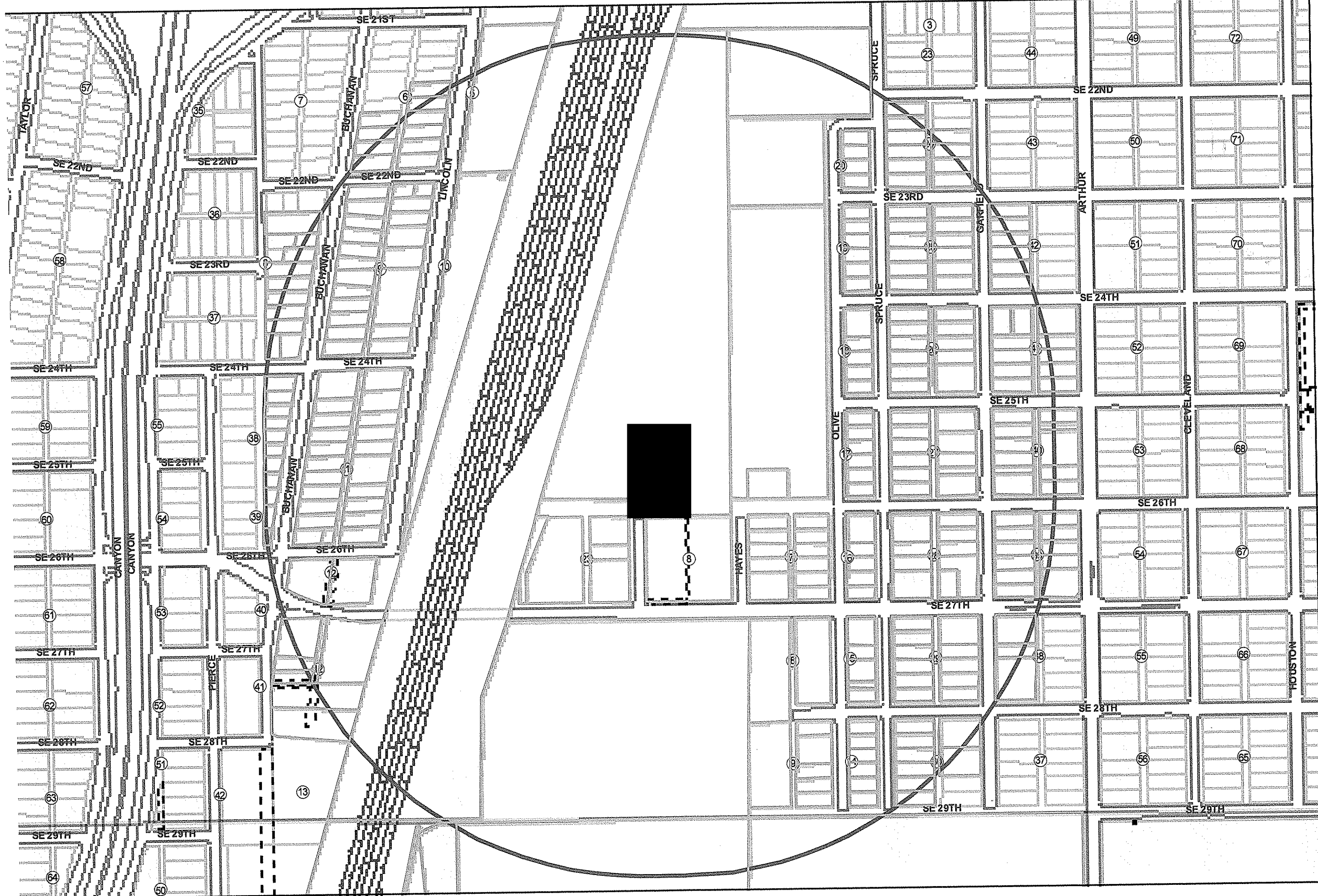
ID	Property Owner	Mailing Address
224	VENTURA RICHARD B 2203 SPRUCE ST AMARILLO TX 79103-1129	2203 SPRUCE ST AMARILLO, TX 79103-1129
225	CITY OF AMARILLO	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971
226	CITY OF AMARILLO 2200 OLIVE ST AMARILLO TX 79103	ATTN ACCOUNTING DEPT PO BOX 1971 AMARILLO, TX 79105-1971
227	NIZZA JULIE 2112 S LINCOLN ST AMARILLO TX 79109-2748	NIZZA TERRI 2110 S LINCOLN ST AMARILLO, TX 79109-2748
228	MYATT FAMILY 2113 S BUCHANAN ST AMARILLO TX 79109-2729	REAL ESTATE LTD PARTNERSHIP 2215 S HUGHES ST AMARILLO, TX 79109-2213
229	VENTURA RICHARD B 2205 SPRUCE ST AMARILLO TX 79103	2203 SPRUCE ST AMARILLO, TX 79103-1129
230	CARRASCO RITO JR 2114 S LINCOLN ST AMARILLO TX 79109-2748	2114 S LINCOLN ST AMARILLO, TX 79109-2748
231	KING VINILLA 2115 S BUCHANAN ST AMARILLO TX 79109-2729	2115 S BUCHANAN ST AMARILLO, TX 79109-2729
232	ESPINOSA ISIDRO 2200 SPRUCE ST AMARILLO TX 79103-1130	ESPINOSA MARIA GUADALUPE 2200 SPRUCE ST AMARILLO, TX 79103-1130
233	MOORE K G 2204 S GARFIELD ST AMARILLO TX 79103-1122	4101 SE 27TH AVE AMARILLO, TX 79103-6508

ID	Property Owner	Mailing Address
234	DOUGLAS C J 2116 S LINCOLN ST AMARILLO TX 79109-2748	PO BOX 30642 AMARILLO, TX 79120-0642
235	DURAN EVA T 2117 S BUCHANAN ST AMARILLO TX 79109-2729	18120 FM 471 S NATALIA, TX 78059-2216
236	MOORE KENNETH G 2202 SPRUCE ST AMARILLO TX 79103-1130	4101 SE 27TH AVE AMARILLO, TX 79103-6508
237	JIMENEZ SALVADOR 2207 SPRUCE ST AMARILLO TX 79103-1129	2207 SPRUCE ST AMARILLO, TX 79103-1129
238	CONTRERAS L CARLOS 2204 SPRUCE ST AMARILLO TX 79103-1130	2204 SPRUCE ST AMARILLO, TX 79103-1130
239	MOORE K G 2206 S GARFIELD ST AMARILLO TX 79103-1122	4101 SE 27TH AVE AMARILLO, TX 79103-6508
240	HERRERA ARTURO A 2301 S GARFIELD ST AMARILLO TX 79103-1320	2301 S GARFIELD ST AMARILLO, TX 79103-1320
241	LOFTIN ROY RAY 2204 S LINCOLN ST AMARILLO TX 79109-2750	11919 PODZEMNY RD AMARILLO, TX 79118-3634
242	RODRIGUEZ EDWARD 2205 S BUCHANAN ST AMARILLO TX 79109-2731	2205 S BUCHANAN ST AMARILLO, TX 79109-2731
243	MENDOZA ARMANDO 2303 S GARFIELD ST AMARILLO TX 79103-1320	MENDOZA MARTINA 2303 S GARFIELD ST AMARILLO, TX 79103-1320
244	PANTOJA EMMA 2302 S GARFIELD ST AMARILLO TX 79103-1321	1025 PRYOR ST AMARILLO, TX 79104-3205

ID	Property Owner	Mailing Address
245	REYNA ARTHUR 2206 S BUCHANAN ST AMARILLO TX 79109-2732	2206 S BUCHANAN ST AMARILLO, TX 79109-2732
246	AGUILAR GILBERTO 2302 SPRUCE ST AMARILLO TX 79103-1333	2302 SPRUCE ST AMARILLO, TX 79103-1333
247	MARTINEZ SANJUANA 2303 SPRUCE ST AMARILLO TX 79103-1332	2303 SPRUCE ST AMARILLO, TX 79103-1332
248	WHITE MAY 2206 S LINCOLN ST AMARILLO TX 79109-2750	PO BOX 32331 AMARILLO, TX 79120-2331
249	RODRIQUEZ ESTELLA A 2207 S BUCHANAN ST AMARILLO TX 79109-2731	2207 S BUCHANAN ST AMARILLO, TX 79109-2731
250	GARZA MANUEL M SR 2208 S BUCHANAN ST AMARILLO TX 79109-2732	2208 S BUCHANAN ST AMARILLO, TX 79109-2732
251	JIMENEZ VIOLA MATA 2304 SPRUCE ST AMARILLO TX 79103-1333	PO BOX 975 AMARILLO, TX 79105-0975
252	GARCIA MODESTA 2305 SPRUCE ST AMARILLO TX 79103-1332	% VENEGAS MARIA TUDON JOSE 2305 SPRUCE ST AMARILLO, TX 79103-1332
253	PANTOJA EMMA 2304 S GARFIELD ST AMARILLO TX 79103-1321	1025 PRYOR ST AMARILLO, TX 79104-3205
254	FIERRO ISMAEL 2306 S GARFIELD ST AMARILLO TX 79103-1321	5509 SW 9TH AVE APT 414 AMARILLO, TX 79106-4176

ID	Property Owner	Mailing Address
255	AVALOS RIGOBERTO HERRERA 2305 S GARFIELD ST AMARILLO TX 79103-1320	HERRERA PATRICIA 2305 S GARFIELD ST AMARILLO, TX 79103-1320
256	PINKSTON HOLLAR 2208 S LINCOLN ST AMARILLO TX 79109	CONST SERVICES INC PO BOX 2722 AMARILLO, TX 79105-2722
257	MENDOZA ARTURO M 2209 S BUCHANAN ST AMARILLO TX 79109-2731	2209 S BUCHANAN ST AMARILLO, TX 79109-2731
258	PANTOJA DANIEL G 2307 S GARFIELD ST AMARILLO TX 79103	PO BOX 31982 AMARILLO, TX 79120-1982
259	LOPEZ JUAN CARLOS VERDE 2307 SPRUCE ST AMARILLO TX 79103-1332	ATILANO ASELA RAMIREZ 2307 SPRUCE ST AMARILLO, TX 79103-1332
260	JIMINEZ BENJAMIN 2306 SPRUCE ST AMARILLO TX 79103-1333	PO BOX 975 AMARILLO, TX 79105-0975
261	CAMUNEZ CECILIA 2211 S BUCHANAN ST AMARILLO TX 79109-2731	2211 S BUCHANAN ST AMARILLO, TX 79109-2731
262	CARRASCO PAT 2308 S GARFIELD ST AMARILLO TX 79103-1321	1000 SE 24TH AVE AMARILLO, TX 79103-1305
263	ADAMS JANICE 2210 S BUCHANAN ST AMARILLO TX 79109-2732	2210 S BUCHANAN ST AMARILLO, TX 79109-2732
264	HELTON EARVIN H 2309 SPRUCE ST AMARILLO TX 79103-1332	2309 SPRUCE ST AMARILLO, TX 79103-1332

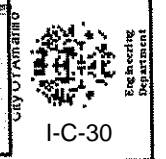
ID	Property Owner	Mailing Address
265	PINKSTON HOLLAR CONST SERVICES 2218 S LINCOLN ST AMARILLO TX 79109	CONST SERVICES INC % PINKSTON L S PO BOX 2722 AMARILLO, TX 79105-2722
266	HOLGUIN JESUS R 2213 S BUCHANAN ST A AMARILLO TX 79109-2731	HOLGUIN MARIA E 2213 S BUCHANAN ST AMARILLO, TX 79109-2731
267	SMITH SHARON 2308 SPRUCE ST AMARILLO TX 79103-1333	2308 SPRUCE ST AMARILLO, TX 79103-1333
268	PANTOJA MARIA 2309 S GARFIELD ST AMARILLO TX 79103-1320	2309 S GARFIELD ST AMARILLO, TX 79103-1320
269	GUILLEN ALFREDO C 2311 S GARFIELD ST AMARILLO TX 79103-1320	GUILLEN PETRA R 2311 S GARFIELD ST AMARILLO, TX 79103-1320
270	FINANCIAL 492 TRUST 2212 S BUCHANAN ST AMARILLO TX 79109-2732	6455 BIXBY TERRACE DR LONG BEACH, CA 90815-4700
271	TIJERINA LARRY 2215 S BUCHANAN ST AMARILLO TX 79109-2731	PO BOX 541 CANYON, TX 79015-0541
272	LODEN PHILLIP RAY 2310 SPRUCE ST AMARILLO TX 79103-1333	LODEN JACQUELINE ELAINE 2310 SPRUCE ST AMARILLO, TX 79103-1333

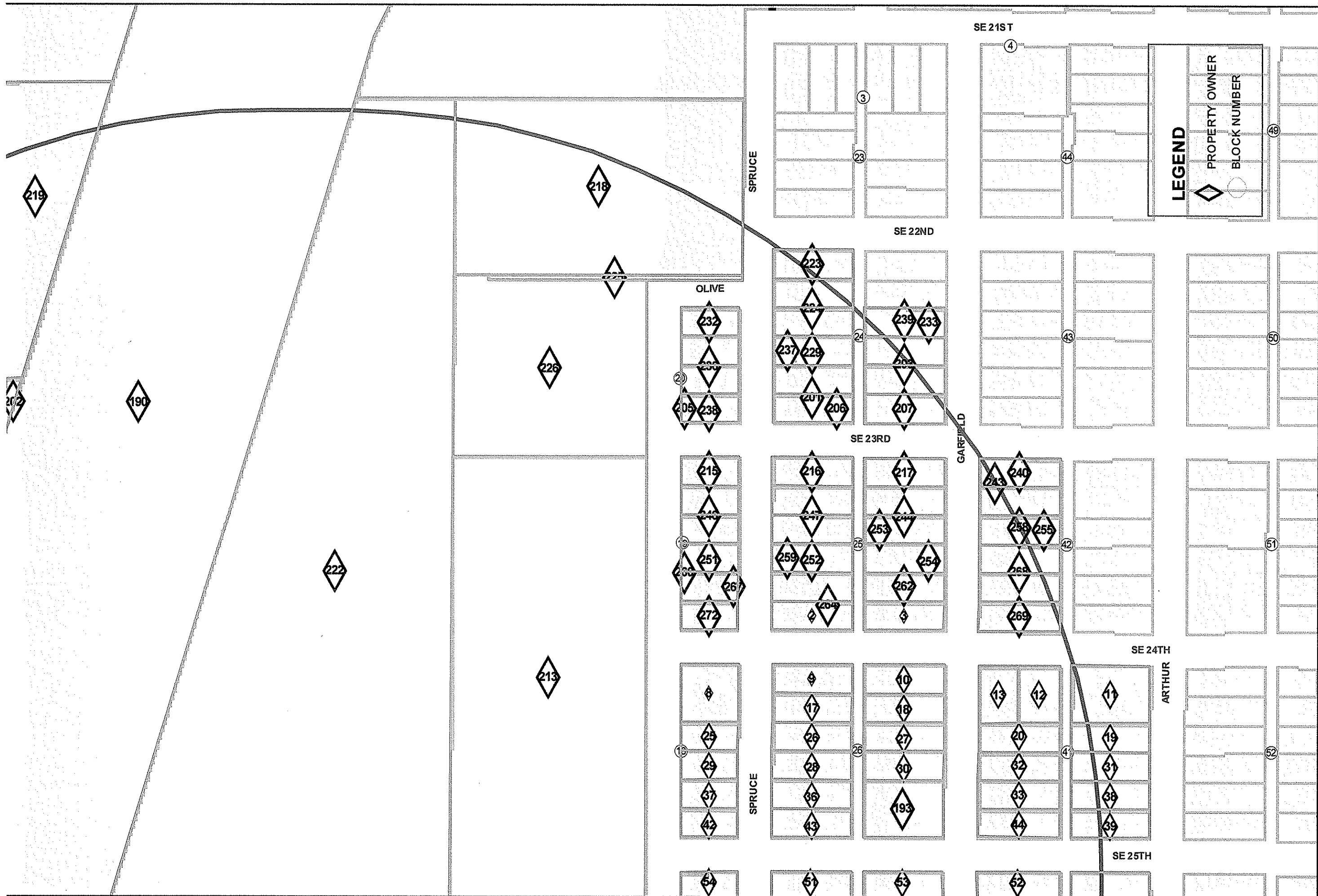


**QUARTER MILE RADIUS OWNERSHIP MAP
OVERVIEW, NO PROPERTY OWNERS**

DESCRIPTION:

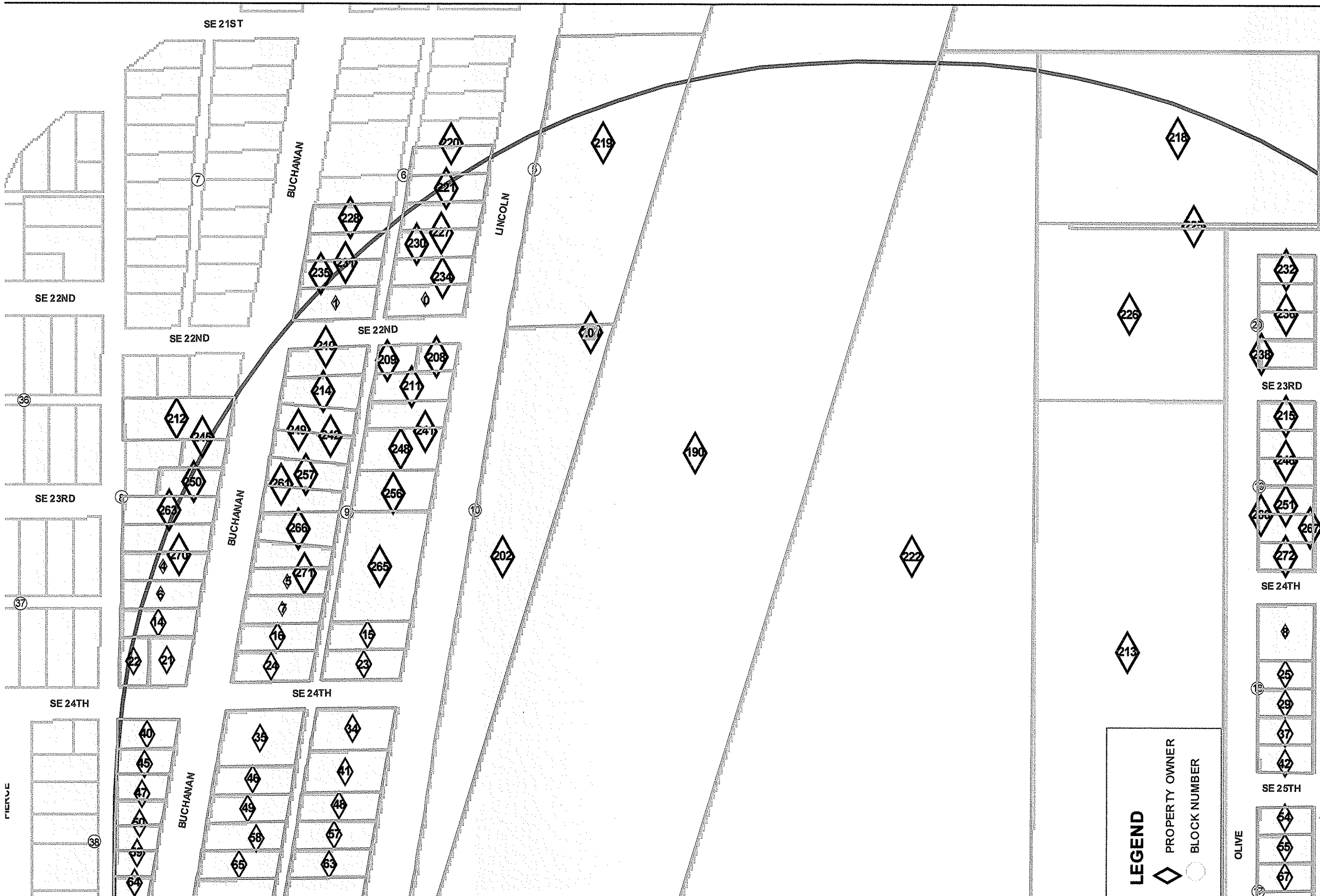
DRAWN BY: Travis Munro, RLH
DATE: 2 / 24 / 09
SCALE: 1" = 300'





DESCRIPTION:
QUARTER MILE RADIUS OWNERSHIP MAP
NORTHEAST QUADRANT

DRAWN BY: Travis Muno, RLH
 DATE: 2 / 24 / 09
 SCALE: 1" = 150'



**QUARTER MILE RADIUS OWNERSHIP MAP
NORTHWEST QUADRANT**

DESCRIPTION:

DRAWN BY: Travis Munro, RLH

DATE: 2 / 24 / 09

SCALE: 1" = 150'

City of Amarillo



I-C-32

LEGEND

- PROPERTY OWNER
- BLOCK NUMBER

- OLIVE
- 38
 - 37
 - 36
 - 35
 - 34
 - 33
 - 32
 - 31
 - 30
 - 29
 - 28
 - 27
 - 26
 - 25
 - 24
 - 23
 - 22
 - 21
 - 20
 - 19
 - 18
 - 17
 - 16
 - 15
 - 14
 - 13
 - 12
 - 11
 - 10
 - 9
 - 8
 - 7
 - 6
 - 5
 - 4
 - 3
 - 2
 - 1



**QUARTER MILE RADIUS OWNERSHIP MAP
SOUTHWEST QUADRANT**

DESCRIPTION:

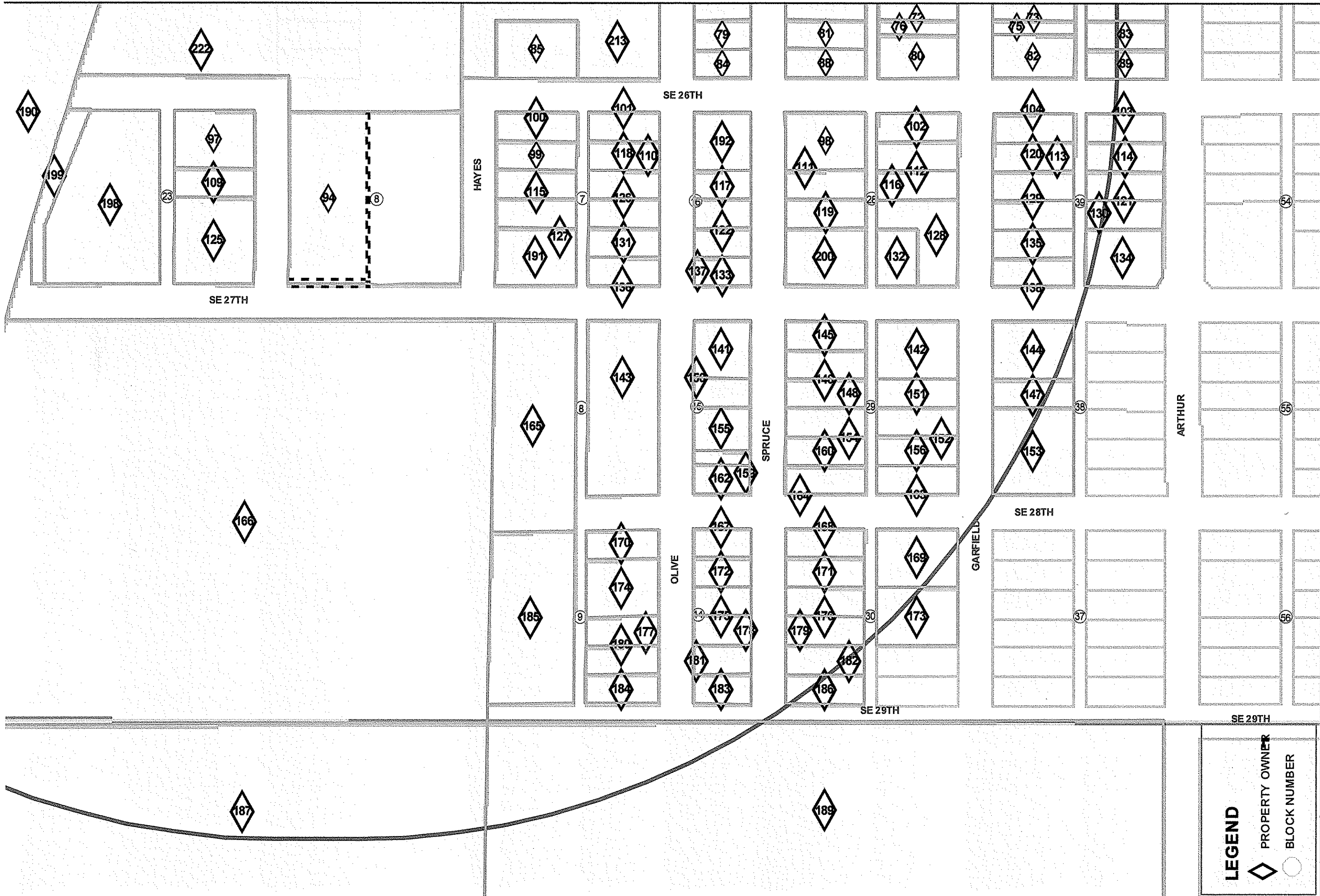
DRAWN BY: Travis Muno, RLH

DATE: 2 / 24 / 09

SCALE: 1" = 150'

LEGEND



- PROPERTY OWNER
- BLOCK NUMBER



DESCRIPTION:
QUARTER MILE RADIUS OWNERSHIP MAP
SOUTHEAST QUADRANT

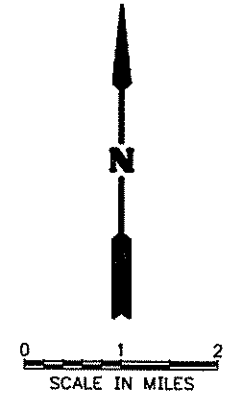
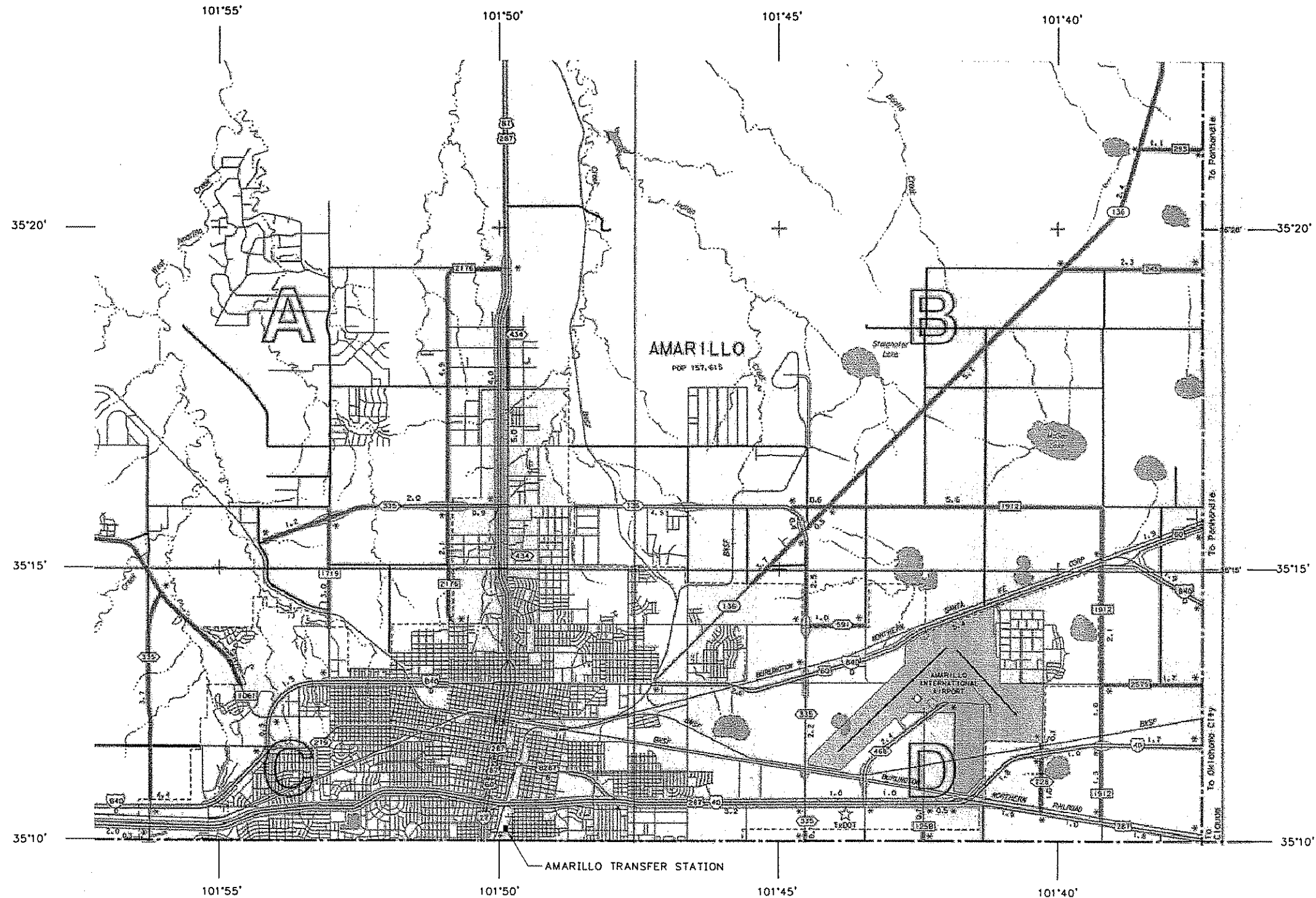
DRAWN BY: Travis Muno, RLH
 DATE: 2 / 24 / 09
 SCALE: 1" = 150'

LEGEND

-  PROPERTY OWNER
-  BLOCK NUMBER

PART I ATTACHMENTS

1/6/2009 9:33:06 AM
 pwr./Active Projects/CAM07051/8.00 Plans and Drawings/8.30 Cut Sheets/Permit Attachments/07051 ATT I-1.dgn



LEGEND

	NATIONAL OR STATE BOUNDARY		COUNTY SEAT
	CITY LIMIT		BRIDGE OR CROSSING
	STATE-OTHER ROAD		FLOODED STREAM
	DIVIDED ROAD		LAKE WITH DAM
	PAVED ROAD		AREA SUBJECT TO FLOODING
	ALL-WEATHER ROAD		PROMINENT ELEVATION
	EARTH ROAD		AIRPORT WITH FACILITIES
	ROAD IN CITY		MILL FERRY AND DAM
	DIVIDED ROADWAY WITH VERTICAL CURVE		HISTORIC SITE
	MILEAGE STATION POSTERS		U.S. CUSTOMS PORT OF ENTRY
	INTERSTATE HIGHWAY		POST OFFICE
	U.S. HIGHWAY		TOURIST BUREAU
	STATE HIGHWAY LOOP OR SPUR		CEMETERY
	STATE HIGHWAY PARK ROAD		DISTRICT OFFICE
	FARM OR RANCH TO MARKET ROAD		WAREHOUSE
	RECREATIONAL ROAD		COUNTRY CLUB / GOLF COURSE
	BUSINESS ROAD		

SOURCE:
 GENERAL HIGHWAY MAP, POTTER COUNTY, TEXAS.

PREPARED BY:
 TEXAS DEPARTMENT OF TRANSPORTATION
 1997

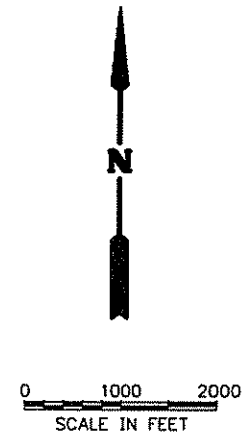
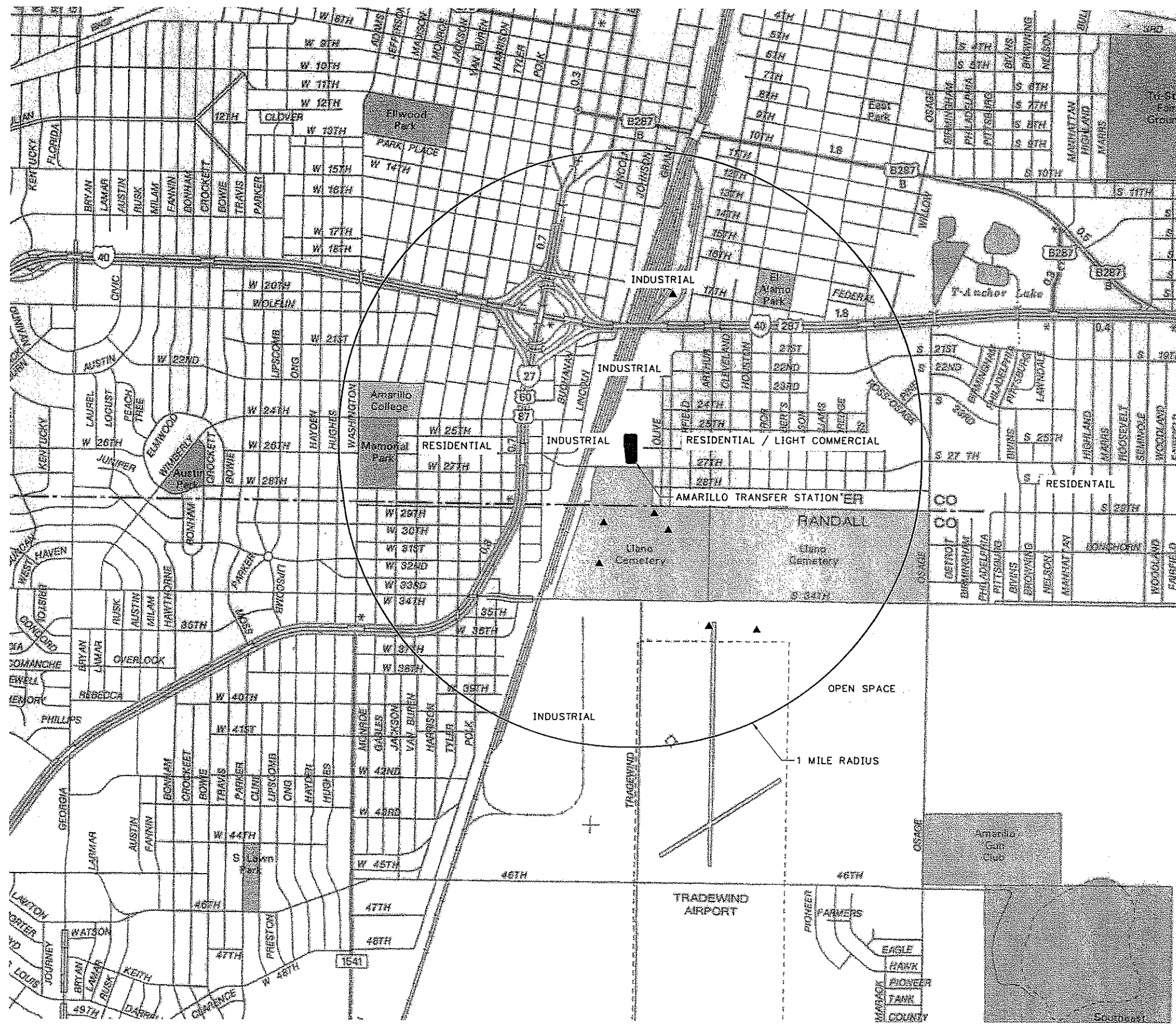
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REGULATORY REVIEW ONLY AND IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.

CITY OF AMARILLO, TEXAS
 CP&Y Chiang, Patel & Yerby, Inc.

DECEMBER 2008
 Designed: F. PUGSLEY, P.E.
 Drawn: S. SATYANARAYAN
 Reviewed: W. HINDMAN, P.E.
 CP&Y Project No. 07051

CITY OF AMARILLO
 SOLID WASTE TRANSFER STATION
 PERMIT AMENDMENT
 GENERAL LOCATION MAP I

ATTACHMENT
 I-1



LEGEND

	NATIONAL OR STATE BOUNDARY		COUNTY SEAT
	CITY LIMITS		FLOOD STREAM
	STATE-OTHER ROAD		LAKE WITH DAM
	DIVIDED ROAD		AIRPORT WITH FACILITIES
	PAVED ROAD		MILITARY AIRBASE
	EARTH ROAD		HISTORIC SITE
	ROAD IN CITY		FOOT OR LINE MARKER
	DIVIDED ROAD WITH FRONTAGE ROAD		STATE HIGHWAY
	MILEAGE MARKER POINT		STATE HIGHWAY LOOP OR SPUR
	INTERSTATE HIGHWAY		STATE HIGHWAY PARK ROAD
	U.S. NUMBERED HIGHWAY		FARM OF RANCH TO MARKET ROAD
	STATE HIGHWAY		RECREATIONAL ROAD
	ROAD WITH FRONTAGE ROAD		UNIMPROVED ROAD
	COUNTY SEAT		FLOODED AREA
	FLOODED AREA		LAKE WITH DAM
	LAKE WITH DAM		AIRPORT WITH FACILITIES
	AIRPORT WITH FACILITIES		MILITARY AIRBASE
	MILITARY AIRBASE		HISTORIC SITE
	HISTORIC SITE		FOOT OR LINE MARKER
	FOOT OR LINE MARKER		STATE HIGHWAY
	STATE HIGHWAY		STATE HIGHWAY LOOP OR SPUR
	STATE HIGHWAY LOOP OR SPUR		STATE HIGHWAY PARK ROAD
	STATE HIGHWAY PARK ROAD		FARM OF RANCH TO MARKET ROAD
	FARM OF RANCH TO MARKET ROAD		RECREATIONAL ROAD
	RECREATIONAL ROAD		UNIMPROVED ROAD

NOTE:
 TEXAS WATER DEVELOPMENT BOARD (TWDB) RECORDS DOCUMENT SEVEN GROUND WATER WELLS OR SPRINGS WITHIN ONE MILE OF THE SITE. SEE APPENDIX II-H
 ▲ GROUNDWATER WELLS
 THERE IS NO WASTE DISPOSAL ACTIVITY ON THE TRACT THAT IS NOT INCLUDED IN THIS APPLICATION

SOURCE:
 GENERAL HIGHWAY MAP, POTTER COUNTY, TEXAS.
PREPARED BY:
 TEXAS DEPARTMENT OF TRANSPORTATION
 1997



NO.	REVISION	DATE

VERIFY SCALE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE.

CITY OF AMARILLO
 SOLID WASTE TRANSFER STATION
 PERMIT AMENDMENT
 GENERAL LOCATION MAP II

Date: DECEMBER 2006
 Designed: F. PUGSLEY, P.E.
 Drawn: S. SATYANARAYAN
 Reviewed: W. HINDMAN, P.E.
 CP&Y Project No. 07051

CITY OF AMARILLO
CITY OF AMARILLO TRANSFER STATION
POTTER COUNTY, TEXAS

PART II

PERMIT AMENDMENT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PERMIT NO.: MSW 76

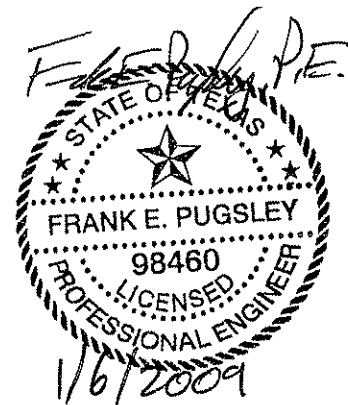
JANUARY 2009

Applicant:

City of Amarillo
P.O Box 1971
Amarillo, Texas 79105

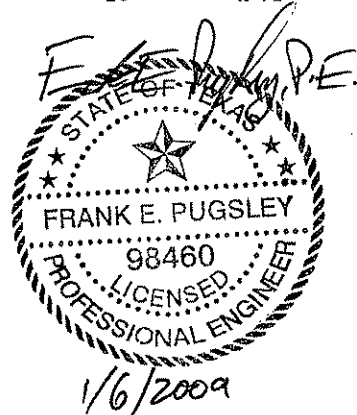
Prepared by:

Chiang, Patel & Yerby, Inc.
1820 Regal Row, Suite 200
Dallas, Texas 75235



PART II TABLE OF CONTENTS

1. Purpose.....	1
2. Existing Conditions Summary [§330.61(a)].....	1
3. Waste Acceptance Plan [§330.61(b)]	1
4. General Location Maps [§330.61(c)]	2
5. Facility Layout Maps [§330.61(d)]	2
6. General Topographic Maps [§330.61(e)]	2
7. Aerial Photograph [§330.61(f)]	3
8. Land-use Map [§330.61(g)]	3
9. Impact on Surrounding Area [§330.61(h)]	3
9.1 Zoning.....	3
9.2 Land Use	3
9.3 Growth trends/ Demographics:	4
9.4 Proximity.....	4
9.5 Wells.....	9
10. Transportation [§330.61(i)].....	9
10.1 Adequacy of Roads	9
10.2 Traffic data	10
10.3 Projected Volume of Traffic	10
10.4 Design of Roadways.....	10
11. Geology and Soils [§330.61(j)]	11
12. Groundwater and Surface Water [§330.61(k)].....	11
13. Abandoned Oil and Water Wells [§330.61(l)]	11
14. Floodplains and Wetlands [§330.61(m)].....	12
15. Endangered or Threatened Species [§330.61(n)]	12
16. Texas Historical Commission Review [§330.61(o)].....	12
17. Council of Governments and Local Government Review [§330.61(p)].....	12



APPENDICES

APPENDIX II-A – FLOODPLAIN DETERMINATION

APPENDIX II-B – ENDANGERED SPECIES DATA

APPENDIX II-C – TEXAS HISTORICAL COMMISSION REVIEW

APPENDIX II-D – COUNCIL OF GOVERNMENTS REVIEW

APPENDIX II-E – TEXAS DEPARTMENT OF TRANSPORTATION COORDINATION

APPENDIX II-F – FEDERAL AVIATION ADMINISTRATION COORDINATION

APPENDIX II-G – U.S. SURVEY TOPOGRAPHIC MAPS AND GROUNDWATER
DATA

APPENDIX II-H – WATER WELL REPORT

ATTACHMENTS

ATTACHMENT II-1 – GENERAL LOCATION MAP 1

ATTACHMENT II-2 – GENERAL LOCATION MAP 2

ATTACHMENT II-3 – GENERAL LOCATION MAP 3

ATTACHMENT II-4 – FACILITY LAYOUT MAP

ATTACHMENT II-5 – TOPOGRAPHIC MAP

ATTACHMENT II-6 – AERIAL PHOTOGRAPH

ATTACHMENT II-7 – ZONING MAP

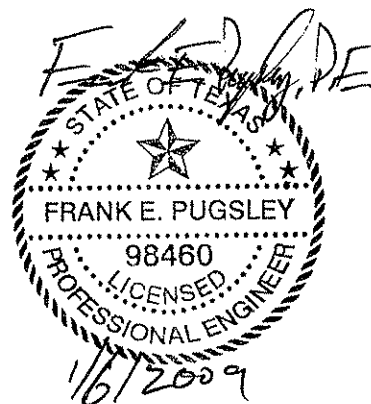
ATTACHMENT II-8 – PROXIMITY STUDY AREA

ATTACHMENT II-9 – PROXIMITY STUDY AREA – QUADRANT A

ATTACHMENT II-10 – PROXIMITY STUDY AREA – QUADRANT B

ATTACHMENT II-11 – PROXIMITY STUDY AREA – QUADRANT C

ATTACHMENT II-12 – PROXIMITY STUDY AREA – QUADRANT D



1. Purpose

This application is to expand the capacity of City of Amarillo Transfer Station located in City of Amarillo, Potter County, Texas.

2. Existing Conditions Summary [§330.61(a)]

The municipal solid waste transfer station is located on property owned by the City of Amarillo at the intersection of the East 26th Avenue and Grant Street within the City of Amarillo. The property also contains the City's Municipal Service center and serves many other municipal functions.

There are no site-specific conditions that require any special design considerations or mitigation.

3. Waste Acceptance Plan [§330.61(b)]

Authorized Wastes

The transfer station will receive the following wastes for transfer:

- Residential or household municipal solid waste
- Commercial or municipal solid waste
- Industrial Non-hazardous waste (e.g. Prison system)

The population served by the transfer station is approximately 175,000 persons within the City of Amarillo.

The transfer station will receive a maximum of 1600 tons per day of waste, an average of 1350 TPD and a maximum of 700 tons of waste to be stored at any one point in time, for an average length of time of 24 hours up to a maximum length of time not to exceed 72 hours.

Waste Acceptance Projection

Year or Quarter	Waste Acceptance Rate
FY 2005	162,826 tons (626 tpd)
FY 2006	153,126 tons (590 tpd)
FY 2007	159,355 tons (613 tpd)
5-year Projection	
FY 2008	631 tpd
FY 2009	650 tpd
FY 2010	670 tpd
FY 2011	690 tpd
FY 2012	711 tpd

Special Waste

Special wastes are not accepted at the transfer station.

Industrial Wastes

Class 1 industrial hazardous solid waste will not be accepted at the Transfer Station.

4. General Location Maps [§330.61(c)]

The required maps are included as Attachments II-1, II-2 and II-3.

No licensed daycare facilities are known to be located within one mile of the facility.

There are no streams, ponds or lakes within one mile of the facility.

There are no drainage, pipeline, or utility easements within or adjacent to the facility.

There are no known archaeological sites, or sites with exceptional aesthetic qualities adjacent to the facility. See Section 9.4 of this Part for discussion of adjacent historical sites.

5. Facility Layout Maps [§330.61(d)]

The Facility Layout Map is included as Attachment II-4.

6. General Topographic Maps [§330.61(e)]

The General Topographic Map is included as Attachment II-5.

7. Aerial Photograph [§330.61(f)]

The Aerial Photograph is included as Attachment II-6.

8. Land-use Map [§330.61(g)]

The Zoning Map is included as Attachment II-7.

9. Impact on Surrounding Area [§330.61(h)]

The City of Amarillo Solid Waste Transfer Station was originally permitted as a municipal incinerator in 1965. It was converted to a municipal solid waste transfer station in 1976 and has been in operation since that time. As illustrated in Attachment II-7 – Surrounding Land Use, the area surrounding the site to the west is an industrial area occupied by a railroad switch yard, located to the north is the City service center and Industrial properties, to the east Residential areas and to the south a Cemetery. The transfer station is located in an area that is comprised of main transportation routes with the exception of the Eastern side that consists of mainly single-family homes.

Due to the historical presence of the transfer station and municipal service center at this location in the City, it is not anticipated that there will be any future land use compatibility impacts on the surrounding area.

The locations of surrounding residences and other uses are shown on Attachments II-8 through II-12, as required by §330.61(h)(4).

9.1 Zoning

The area sought for the new expansion of the transfer station is immediately adjacent to the current building. The site located at the intersection of East 26th Avenue and Grant Street, and is zoned Industrial just as the area the existing transfer station is currently occupying. A solid waste transfer station is a legal use in such a zoning district.

A large part of the area within the one mile vicinity is zoned for residential usages including 26% zoned as a Residential District-1, -2, or -3. Multiple-Family Districts comprise an estimated 11% while Manufactured Home Districts make-up 7% of the residential areas. Several Planned Development Districts fall within the selected area with an estimated 6,308,590 sq. ft. or nearly 6% of the zoning area. Of the portions zoned as Planned Development Districts, areas consist of educational institutions and include Light Industrial District (24%), Heavy Commercial (16%), and Light Commercial (7%) and General Retail (3%).

9.2 Land Use

Land uses, excluding right-of-way, in the one-mile radius include single family (32%), public/park/school (25%), office/commercial (14%), agricultural/vacant (11%), industrial

(10%), neighborhood services/retail/restaurant (4%), multiple family (3%), and duplex use (1%). The largest percentage of institutional land use within the area can be attributed to Llano Cemetery located at 2900 S. Hayes Street.

9.3 Growth trends/ Demographics:

The area comprised within a one-mile radius of the transfer station, according to the latest Census data available, contains a population of approximately 9,183 persons. This area encompasses approximately 4,051 housing units with an occupancy rate of 88%.

Between 1990 and 2000, the population within the one-mile vicinity of the transfer station has seen an approximate growth rate of 8% (686 people) and housing units have increased by a total of 11 units. The overall housing occupancy rate in the stated vicinity has remained relatively constant with a slight fluctuation from 82% in 1990 to 88% in 2000. Between the years 2000 through 2006, a total of 8 residential building permits have been issued for the census tracts within the area.

The current growth trends within the City of Amarillo are primarily occurring at the outskirts of the city, and not in the vicinity of the transfer station.

9.4 Proximity

Industrial & commercial activities

Field observations and database analyses were used to research the business community in the study area. There are approximately 217 commercial establishments within one mile of the Transfer Station. Most of these are interspersed along major arterials in each sector of the study area.

Three significant areas of concentrated commercial activity have been identified as follows:

- Corridor along the railroad yard south of Interstate 40: This linear group of light industrial and warehouse-based businesses occupies both sides of the railroad yard, operated by Burlington Northern Santa Fe (BNSF) Railway. Since the Transfer Station shares a common property line with the BNSF site, it is the nearest commercial establishment.
- Along Ross Street at Interstate 40: On both sides of Ross Street, to the north and south of I40, are a variety of retail-oriented businesses including a car dealership, restaurants, fast food establishments and motels/hotels. A large regional U.S. Post Office is also located in this area.
- South of 34th Avenue: In this area, there is a small, privately owned, regional airport with hangars, repair facilities, and a flight school. A recently constructed warehouse-style business park is located to the east of this airport.

Open space within one mile of the Transfer Station is predominately associated with either the cemetery or the airport identified herein.

Residences

According to U.S. Census Bureau data from 1990, there were 4543 housing units within the Census Tracts and Block Groups that, together, most closely correspond with the one-mile study area around the Transfer Station. In 2000, 4491 units existed in these Tracts. Although this represents a 1.1% decline in total units, the occupancy percentage increased to 88.2% (a 7.3% increase since 1990).

In large part, neighborhoods within the study area are dense and mature with limited infill potential available. A new residential area is developing in, and beyond the southeast quadrant of the study area.

There are seven distinct neighborhoods within the study area as described below. The densities given correspond to the Census Tracts and/or Block Groups that include the neighborhoods inside the study area. The U.S. Census boundaries do not exactly correspond with the study area; therefore population densities may not truly represent that within the study area.

North of Interstate 40:

- West of Interstate 27 (about 7/10 mile away): Separated from the Transfer Station by railroad tracks and a 75-acre interchange for two interstate highways. Population density is 3867 persons per square mile.
- Between railroad tracks and Interstate 27 (about 5/10 mile away): Separated from the Transfer Station by railroad tracks and Interstate 40. Population density is 3867 persons per square mile.
- East of railroad tracks (more than 5/10 mile away): Separated from the Transfer Station by Interstate 40. Population density is 2449 persons per square mile.

South of Interstate 40:

- East of Transfer Station (less than 1/10 mile away): Immediately adjacent to the Transfer Station. The closest residence is southeast about 200 feet away at 2601 S. Hayes Street. This neighborhood extends southward to Llano Cemetery and eastward to the commercial area along Ross-Osage Street. Population density is 2591 persons per square mile.
- East of Interstate 27 in Randall County (begins 9/10 mile away): Separated from the Transfer Station by Llano Cemetery. It is both the most remote and the newest neighborhood in the one-mile study area. In the last five years, a new development west of Osage Street has added over 100 housing units in the study area. Population density for this area was previously 82 persons per square mile.
- Between railroad tracks and Interstate 27 in Potter and Randall Counties (about

2/10 mile away): Separated from the Transfer Station by railroad tracks. Population density is 3867 persons per square mile.

- West of Interstate 27 in Potter and Randall counties (about 4/10 mile away): Separated from the Transfer Station by railroad tracks, another neighborhood, and Interstate 27. Population density is 3867 persons per square mile.

Except for a residential neighborhood immediately to the east of the Transfer Station, all long-established residential areas within the study area are buffered from the Transfer Station by interstate highways, railroad tracks or both. Vehicular traffic may gain access to the Transfer Station only by using Interstate 27 and SE 27th Avenue or by traveling on Interstate 40 and using Arthur Street.

Schools:

Three schools exist within the study area. All three are located south of Interstate Highway 40.

- Glenwood Elementary School at 2407 S. Houston Street (about 4/10 mile away).
- Landergin Elementary School at 3209 S. Taylor Street (about 6/10 mile away). Separated from the Transfer Station by railroad tracks.
- Amarillo College on Washington Street (about 8/10 mile away). Separated from the Transfer Station by railroad tracks and Interstate 27.

Other establishments that serve children include:

- Maverick Boys & Girls Club (private) at 923 S. Lincoln Street (more than 3/10 mile away). Separated from Transfer Station by the railroad yard. This facility is an affiliate of the national entity, Boys & Girls Clubs of America.
- Head Start (private) at 1601 S. Cleveland Street (about 7/10 mile away). Separated from Transfer Station by Interstate 40. This facility is a federally-sponsored program for preschool-aged children.

Churches

There are approximately 17 churches in the one-mile radius study area, distributed as follows:

- North of Interstate 40:
 - West of Interstate 27 (more than 9/10 mile away): 1 church
 - Between railroad tracks and Interstate 27 (about 8/10 mile away): 1 church
 - East of railroad tracks (over 8/10 mile away): 6 churches

South of Interstate 40:

- East of Transfer Station (up to 7/10 mile away): 4 churches
- East of Interstate 27 in Randall County: 0 churches
- West of Interstate 27 in Randall County: 2 churches

- West of Interstate 27 in Potter County: 3 churches

The church closest to the Transfer Station is Friendship Baptist Church at 2400 S. Arthur Street (four blocks east).

Cemeteries

Llano Cemetery at 2900 S. Hayes Street is listed in the National Register of Historic Places. The cemetery, mostly in Randall County, occupies an irregularly-shaped tract of land several times larger than the acreage of the Transfer Station site. SE 27th Avenue separates the Transfer Station on the south from the cemetery.

Historic structures and sites

The following nine sites in the study area appear on the National Register of Historic Places:

Potter County:

- Amarillo College Administration Building (Ordway Hall) and Russell Gymnasium at 22nd Avenue and Washington Street. Separated from Transfer Station by railroad tracks and Interstate 27.
- Jons-Danner-Gilvin House at 1500 S. Buchanan Street. Separated from the Transfer Station by railroad tracks and Interstate 40.
- Landergin-Harrington House at 1600 S. Polk Street. Separated from Transfer Station by railroad tracks, Interstate 27, and Interstate 40.
- Plemons/Eakle Neighborhood Historic District, most of which lies in the northwest portion of the one-mile study area. Separated from Transfer Station by railroad tracks and Interstate 27.
- Polk Street United Methodist Church at 1401 S. Polk Street. Separated from Transfer Station by railroad tracks, Interstate 27, and Interstate 40.
- Shelton-Houghton House at 1700 S. Polk Street. Separated from Transfer Station by railroad tracks, Interstate 27, and Interstate 40.
- Wolflin Neighborhood Historic District, only a sliver of which lies in the western-most portion of the one-mile study area. Separated from Transfer Station by railroad tracks and Interstate 27.

Randall County:

- Amarillo Globe Dream House at 3104 S. Harrison Street. Separated from Transfer Station by railroad tracks and Interstate 27.
- Llano Cemetery Historic District at 2900 S. Hayes Street. Separated from Transfer Station by SE 27th Avenue.

Archaeologically significant sites

State archeological landmarks, as designated by the Texas Historical Commission (THC), must also be listed by the National Register of Historic Places. No places within the one-mile study area appear on the THC's Archeological Sites List.

Sites having exceptional aesthetic quality

There are five parks of various sizes within the one-mile study area. North of Interstate 40 Sanborn Park on 15th Avenue occupies one city block. It contains one of the city's few park fountains.

El Alamo Park between Houston and Roberts Streets consists of four city blocks and includes playing fields.

South of Interstate 40

The largest of the five parks is Memorial Park at the Washington Street campus of Amarillo College. It is on the western edge of the study area beyond both the railroad yard and Interstate 27. Its spacious recreation areas include picnic tables, a gazebo surrounded by a formal garden, tennis courts, basketball courts, and a playground. It is the size of six city blocks.

Eakle Park, like Sanborn, is a one-block neighborhood green space. It is on 29th Avenue.

Glenwood Park is as big as two city blocks and has playing fields. It is also on 29th Avenue two blocks southeast of Glenwood Elementary School.

Other than these parks, no exceptional sites appear to be within the study area.

Population and density

In the 1990 Census Tracts and Block Groups, that most closely corresponded with the study area, the population was approximately 8963. The population was approximately 9987 in 2000, resulting in a growth rate of 11.4%. As previously discussed, the census tract and blocks exceed the study area. Information cited herein represents that of the census tracts and blocks not that of the exact study area.

Projections provided by the Texas Water Development Board indicate steady population increases for both Potter and Randall Counties through 2060. Based on current building trends and other location factors, this growth will be accommodated in other parts of the counties and city and not in the vicinity of the mature neighborhoods surrounding the Transfer Station.

The composite density of the neighborhoods adjacent to the Transfer Station is about 2587 persons per square mile. This is a greater density than the city of Amarillo

as a whole with approximately 1900 persons per square mile. The Amarillo Metropolitan Statistical Area (MSA) density is published at 119 persons per square mile.

Note regarding Census Tract data:

Together, the following five 2000 Census Tracts are a close match for the area created by a one-mile radius around the Transfer Station:

Block Groups 1, 2, and 3 of Census Tract 147, Potter County, Texas
Block Group 2 of Census Tract 111, Potter County, Texas
Block Groups 1 and 2 of Census Tract 106, Potter County, Texas
Block Groups 1 and 3 of Census Tract 205, Randall County, Texas
Block Group 2 of Census Tract 220, Randall County, Texas

Although there are several residences within the one-mile radius of the transfer station site, the majority of these residences are located to the West and North and are physically separated from the site by both interstate highways and major railroad lines.

The area most closely associated with the site (East of I-27/railroad and South of I-40) is characterized by a mix of industrial, commercial, open/undeveloped land, with some residential. Residential growth has been less than 1% per year and this trend is expected to continue.

9.5 Wells

There exist no known water wells within 500 feet of the site boundary. The depth to groundwater in the vicinity of the Transfer Station is approximately 175 feet.

10. Transportation [§330.61(i)]

10.1. Adequacy of Roads

All surrounding and onsite roadways are currently constructed of reinforced concrete or asphalt pavement. Access to roadways will not be changed, and an existing roadway will be used to adequately carry loaded transfer vehicles and maximum axle loads of collection vehicles. Roadway alignment to and from the tipping floor level will accommodate minimum turning radius of refuse collection vehicles. The access to the transfer station is through Hayes Street. The entry and the exit to the site is shown in Attachment II-4.

Uncontrolled access and dumping by unauthorized persons of unauthorized materials shall be controlled by providing fencing or other suitable means of site access control.

Adequate parking facilities are provided for the employees and the equipment.

Public Access will be controlled to minimize unauthorized vehicular traffic and illegal dumping. Controlled access will be obtained by fences and gates.

10.2. Traffic data

The current transfer station has the capacity to transfer an average of approximately 900 TPD that is delivered by an average of approximately 180-200 vehicles per day. This waste is delivered over a 10 hour period. Therefore the average hourly vehicle count is 18-20 vehicles, and an expected peak hourly count is 30 vehicles (20% of daily traffic). Assuming that all of the waste delivered in the future will be delivered by similar type vehicles (collection trucks and not private citizen vehicles), and on a similar schedule, it can be expected that an average of 300 vehicles per day will deliver the 1350 TPD average waste quantity to be transferred. This will result in an average hourly vehicle count of 22 and a peak hourly count of 45 vehicles. If it is assumed that a vehicle can unload within 5 minutes (12 vehicles per hour per unloading space), it will require 2 unloading spaces to handle the average hourly traffic, and 4 unloading spaces to handle the peak hour traffic flow without any delays to the collection vehicles. The expanded facility is sized such that 9 unloading spaces are included (6 primary, and 3 overflow); this provides ample unloading space to accommodate the waste load.

The major access roads to the facility are Hayes and 27th Street.

The traffic counts are as follows:

- SE 27th: between I-27 and Arthur, count of 8,712 vehicles per 24 hours
- SE 27th: between Arthur and Osage, count of 7,515 vehicles per 24 hours
- SE 34th: between I-27 and Arthur, count of 14,609 vehicles per 24 hours
- SE 34th: between Arthur and Osage, count of 12,988 vehicles per 24 hours
- Arthur: between I-40 and SE 27th, count of 6,344 vehicles per 24 hours
- Arthur: between SE 27th and SE 34th, count of 2,950 vehicles per 24 hours
- Osage: between SE 27th and SE 34th, count of 12,103 vehicles per 24 hours
- Ross-Osage: between I-40 and SE 27th, count of 24,332 vehicles per 24 hours

10.3 Projected Volume of Traffic

The volume of current collection vehicle traffic is an average of approximately 180-200 vehicles per day and can be projected as an average of approximately 300 vehicles per day in the future. As shown by the traffic counts above, this is a very small percentage of the total traffic utilizing the surrounding roadways.

10.4 Design of Roadways

The surrounding roadways have been and remain adequate in providing access to the Transfer Station; therefore, no improvements are planned to be made to the public roadways in the vicinity of the transfer station. The City of Amarillo has maintenance authority over the surface streets primarily used for site access. The Texas Department

of Transportation was contacted to coordinate the increase in traffic and maintenance of surrounding roadway which TXDOT has authority over. This letter is presented in Appendix II-E.

11. Geology and Soils [§330.61(j)]

The Transfer Station is located within the city limits of Amarillo, Potter County, Texas. The area in general lies in the High Plains of Texas, a portion of the Plains physiographic province. At the site, an urban soil complex made up of the underlying shallow soils on site has developed. There are numerous playa lakes in the area that have developed on the shallow wind-blown clays and silts of the Blackwater Draw Formation and other soils that have developed in the Quaternary and more recent time.

Below the overlying Blackwater Draw Formation and developed soil profile lies the Ogallala Formation of Miocene-Pliocene age. This unit is a part of the vast High Plains Aquifer and contains high quality drinking water for the region. The Ogallala consists mainly of interbedded sands, gravels, silts, and clays deposited on a huge outwash plain that extends from the site westward to the source area in the Rocky Mountains.

12. Groundwater and Surface Water [§330.61(k)]

There is no Surface water located near the site.

The depth of the groundwater in the site area was ascertained by United States Geological Survey topographic maps and depth to groundwater data maintained by the Panhandle Groundwater District in White Deer, Texas included in Appendix II-G. The approximate depth of groundwater is 175 feet.

There are no sample points and no evidence of contaminated groundwater in uppermost aquifer at Amarillo Transfer Station.

The operator of this facility shall collect, treat and dispose any process water by an approved waste water treatment system in accordance with Texas Water Quality board regulations and requirements.

When required, the City of Amarillo will obtain the appropriate TPDES permit for the transfer station.

13. Abandoned Oil and Water Wells [§330.61(l)]

Banks Information Solutions, Inc. (Banks) in Austin, Texas determined the location of reported water wells within the one mile radius of the Amarillo Transfer Station. Six water wells and two environmental borings were identified within one mile radius of the site. However, no water or oil wells, abandoned or active, are present on the site.

14. Floodplains and Wetlands [§330.61(m)]

There are no wetlands or water bodies in the vicinity of the Transfer station and the Transfer Station does not lie in the floodplain area. FEMA flood map is included in Appendix II-A for review.

15. Endangered or Threatened Species [§330.61(n)]

The proposed amendments will not affect endangered species. The following are the endangered species found in Potter County. The American Peregrine Falcon (State), a local breeder, nests in tall cliff eyries; the Interior Least Tern, nests along sand and gravel bars within braided streams, and rivers; the Whooping crane, a potential migrant via plains and coastal marshes; the Black Footed Ferret and the Gray Wolf, living in forests and brush lands no longer exist in Potter County. No suitable habitat for any of the listed endangered species exists at the Transfer Station site.

The operation of the site will neither contribute to nor cause the destruction or adverse modification of any critical habitats, nor will it contribute to or cause the taking of any endangered species or threatened species, since the suitable habitat of the above listed endangered species is not found on the site as evidenced by the information included in Appendix II-B.

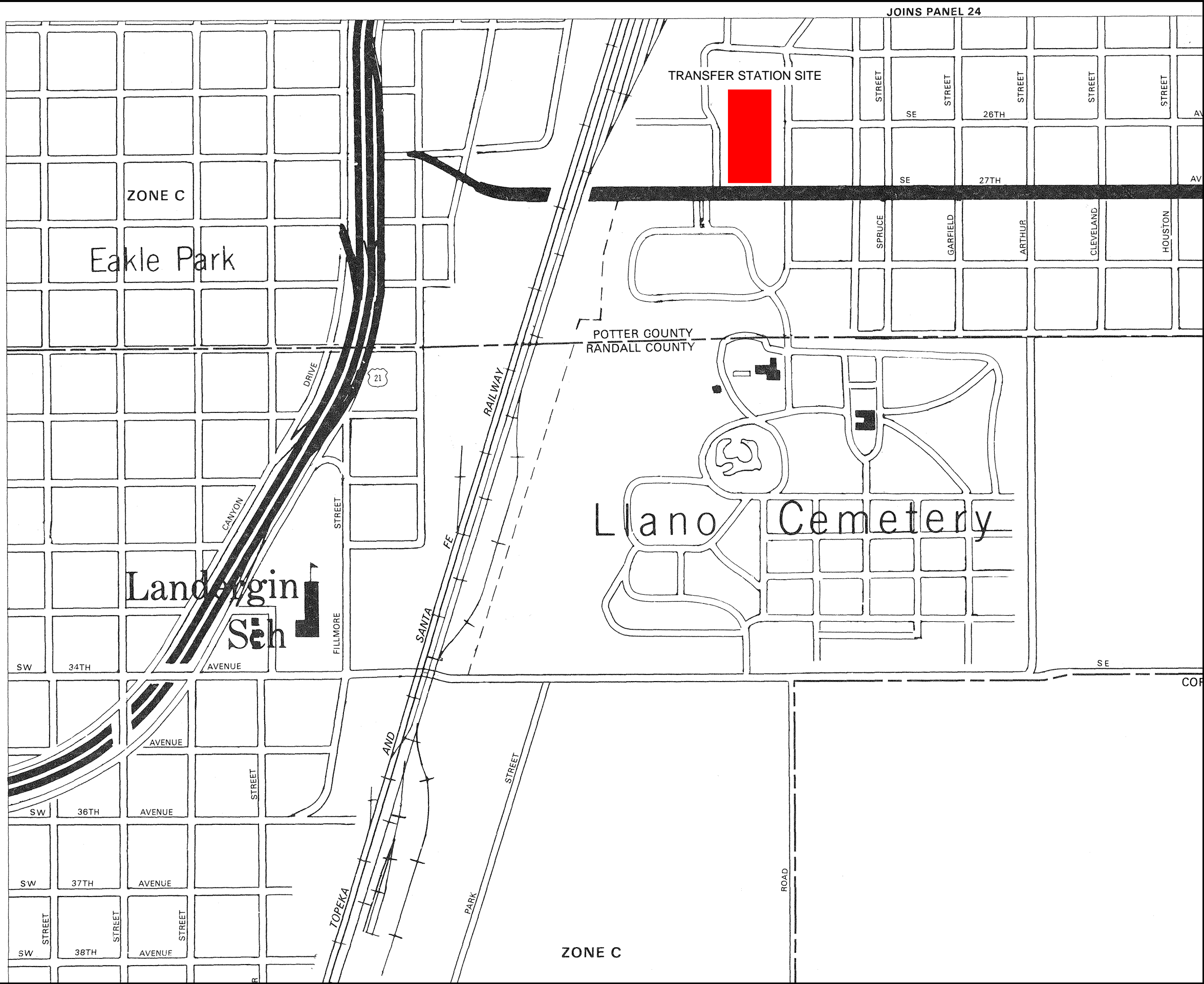
16. Texas Historical Commission Review [§330.61(o)]

The Texas Historical Commission has determined that no historical properties will be affected. Reference the letter to the Commission dated, March 19, 2008, and their response stamped on a copy of the original letter. This letter is included in Appendix II-C.

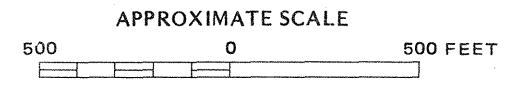
17. Council of Governments and Local Government Review [§330.61(p)]

Parts I and II of this Permit Amendment Application were submitted for review by the Panhandle Regional Planning Commission, as evidenced by the attached letter included in Appendix II-D.

APPENDIX II-A
FLOODPLAIN DETERMINATION



JOINS PANEL 24



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM
FLOOD INSURANCE RATE MAP**

**CITY OF
AMARILLO, TEXAS
POTTER AND RANDALL
COUNTIES**

**PANEL 34 OF 45
(SEE MAP INDEX FOR PANELS NOT PRINTED)**

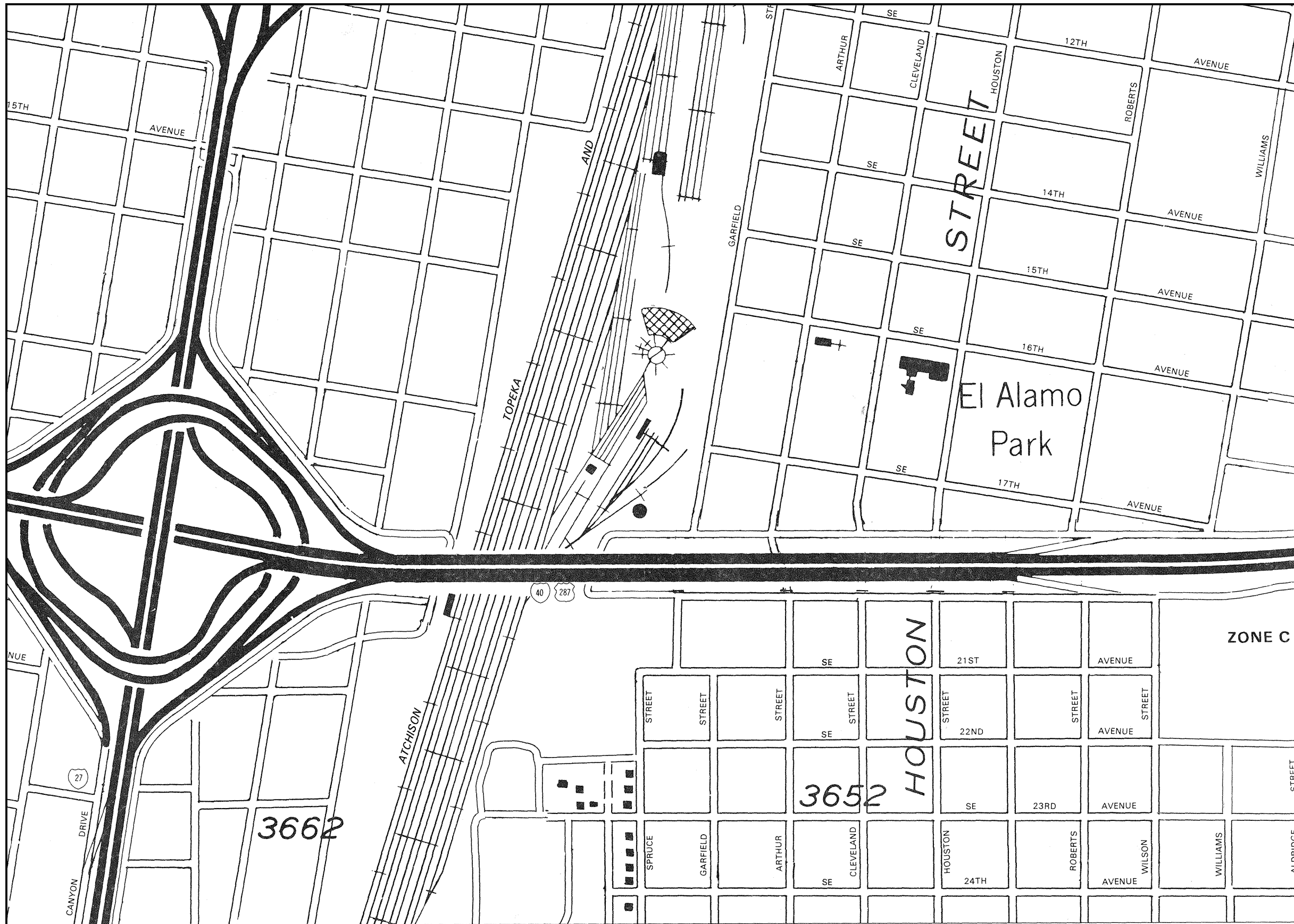
**COMMUNITY-PANEL NUMBER
480529 0034 A**

**EFFECTIVE DATE:
JULY 19, 1982**



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



APPROXIMATE SCALE
 500 0 500 FEET

NATIONAL FLOOD INSURANCE PROGRAM

**FIRM
 FLOOD INSURANCE RATE MAP**

**CITY OF
 AMARILLO, TEXAS
 POTTER AND RANDALL
 COUNTIES**

PANEL 24 OF 45
 (SEE MAP INDEX FOR PANELS NOT PRINTED)

**COMMUNITY-PANEL NUMBER
 480529 0024 A**

**EFFECTIVE DATE:
 JULY 19, 1982**



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

APPENDIX II-B
ENDANGERED SPECIES DATA



Partners for a Better Quality of Life

March 19, 2008

United States Fish and Wildlife Service
711 Stadium Dr. East, Suite 252
Arlington, Texas 76011

RE: City of Amarillo Transfer Station
Permit Amendment Application
Endangered and Threatened Species

Dear Sir/Madam,

The City of Amarillo has retained the services of Chiang, Patel & Yerby, Inc., of Dallas, Texas, to prepare a Permit Amendment to the Texas Commission on Environmental Quality (TCEQ) for the facility expansion of the City's existing Transfer Station. The Transfer Station is located in Potter County, Texas, as illustrated in the attached figure.

This letter is to confirm the current presence or absence of, and effects on any Endangered or Threatened Species at the Transfer Station Site.

If you need any further information, please do not hesitate to contact me at 214-638-0500.

Sincerely,
Chiang, Patel & Yerby, Inc.

A handwritten signature in black ink that reads "F. P. Pugsley, P.E." in a cursive style.

Frank Pugsley, P.E.

CC:
Michael Rice, P.E., Director of Public Works, City of Amarillo.
File

Attachments:
Location Map





Partners for a Better Quality of Life

March 19, 2008

Texas Parks and Wildlife Department
4200 Smith School Road
Austin, Texas 78744

RE: City of Amarillo Transfer Station
Permit Amendment Application
Endangered and Threatened Species

Dear Sir/Madam,

The City of Amarillo has retained the services of Chiang, Patel & Yerby, Inc., of Dallas, Texas, to prepare a Permit Amendment to the Texas Commission on Environmental Quality (TCEQ) for the facility expansion of the City's existing Transfer Station. The Transfer Station is located in Potter County, Texas, as illustrated in the attached figure.

This letter is to confirm the current presence or absence of, and effects on any Endangered or Threatened Species at the Transfer Station Site.

If you need any further information, please do not hesitate to contact me at 214-638-0500.

Sincerely,
Chiang, Patel & Yerby, Inc.

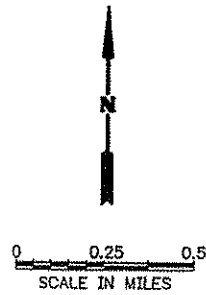
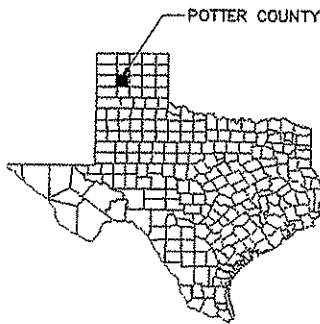
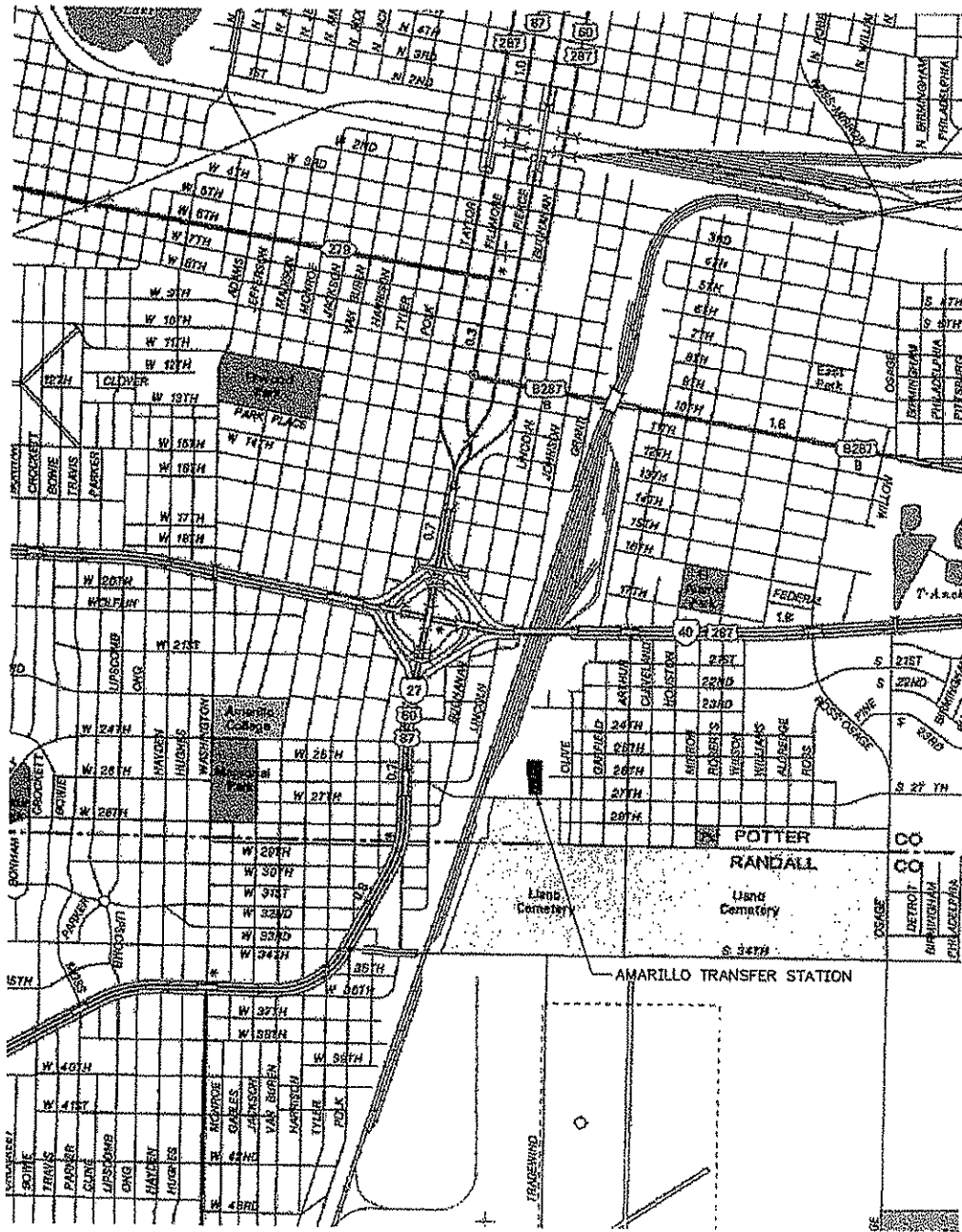
A handwritten signature in black ink that reads 'F. E. Pugsley, P.E.' The signature is written in a cursive style.

Frank Pugsley, P.E.

CC:
Michael Rice, P.E., Director of Public Works, City of Amarillo.
File

Attachments:
Location Map





AMARILLO TRANSFER STATION PERMIT MODIFICATION REQUEST

LOCATION MAP

FIGURE

1



Partners for a Better Quality of Life

Texas Parks & Wildlife Dept.

March 19, 2008

MAR 21 2008

Texas Parks and Wildlife Department
4200 Smith School Road
Austin, Texas 78744

Wildlife Habitat Assessment Program

RE: City of Amarillo Transfer Station
Permit Amendment Application
Endangered and Threatened Species

RECEIVED

APR 17 2008

CHIANG, PATEL & YERBY, INC.

Dear Sir/Madam,

The City of Amarillo has retained the services of Chiang, Patel & Yerby, Inc., of Dallas, Texas, to prepare a Permit Amendment to the Texas Commission on Environmental Quality (TCEQ) for the facility expansion of the City's existing Transfer Station. The Transfer Station is located in Potter County, Texas, as illustrated in the attached figure.

This letter is to confirm the current presence or absence of, and effects on any Endangered or Threatened Species at the Transfer Station Site.

If you need any further information, please do not hesitate to contact me at 214-638-0500.

Sincerely,
Chiang, Patel & Yerby, Inc.

Frank Pugsley, P.E.

CC:
Michael Rice, P.E., Director of Public Works, City of Amarillo.
File

Attachments:
Location Map



Review of the project activity as proposed indicates minimal impacts to fish and wildlife resources.

Reviewed: Russell Hooters
Date: 4-15-08

Chiang, Patel & Yerby, Inc.
1820 Regal Row, Suite 200
Dallas, Texas 75235

214.638.0500 • 214.638.3723 fax
www.cpyi.com



187.9.0

APPENDIX II-C

TEXAS HISTORICAL COMMISSION REVIEW



Partners for a Better Quality of Life

March 19, 2008

Texas Historical Commission
Attn: Ed Baker
P.O. Box 12276
Austin, TX 78711-2276

RE : City of Amarillo Transfer Station
Permit Amendment Application
Facility Expansion

Dear Mr. Baker,

The City of Amarillo has retained the services of Chiang, Patel & Yerby, Inc., of Dallas, Texas to prepare a Permit Amendment to the Texas Commission on Environmental Quality (TCEQ) for the expansion of the City's existing Transfer Station. The Transfer Station, located in Potter County, Texas, is classified as a Type V facility and has been in operation since its original permitting in 1965.

As required by 30 TAC §330.61(o), we are requesting your assistance with the permitting process. Please review this site for compliance with the Natural Resources Code, Chapter 191, Texas Antiquities Code. We have included a location map for your use in making your determination.

Thank you for your assistance in this matter. If you need any more information, please contact me at 214-638-0500.

Sincerely,
Chiang, Patel & Yerby, Inc.

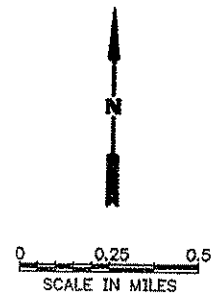
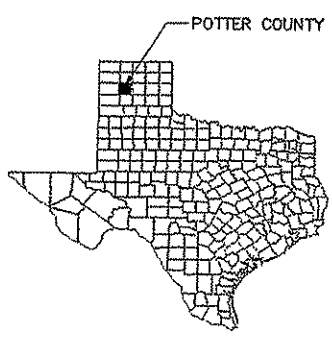
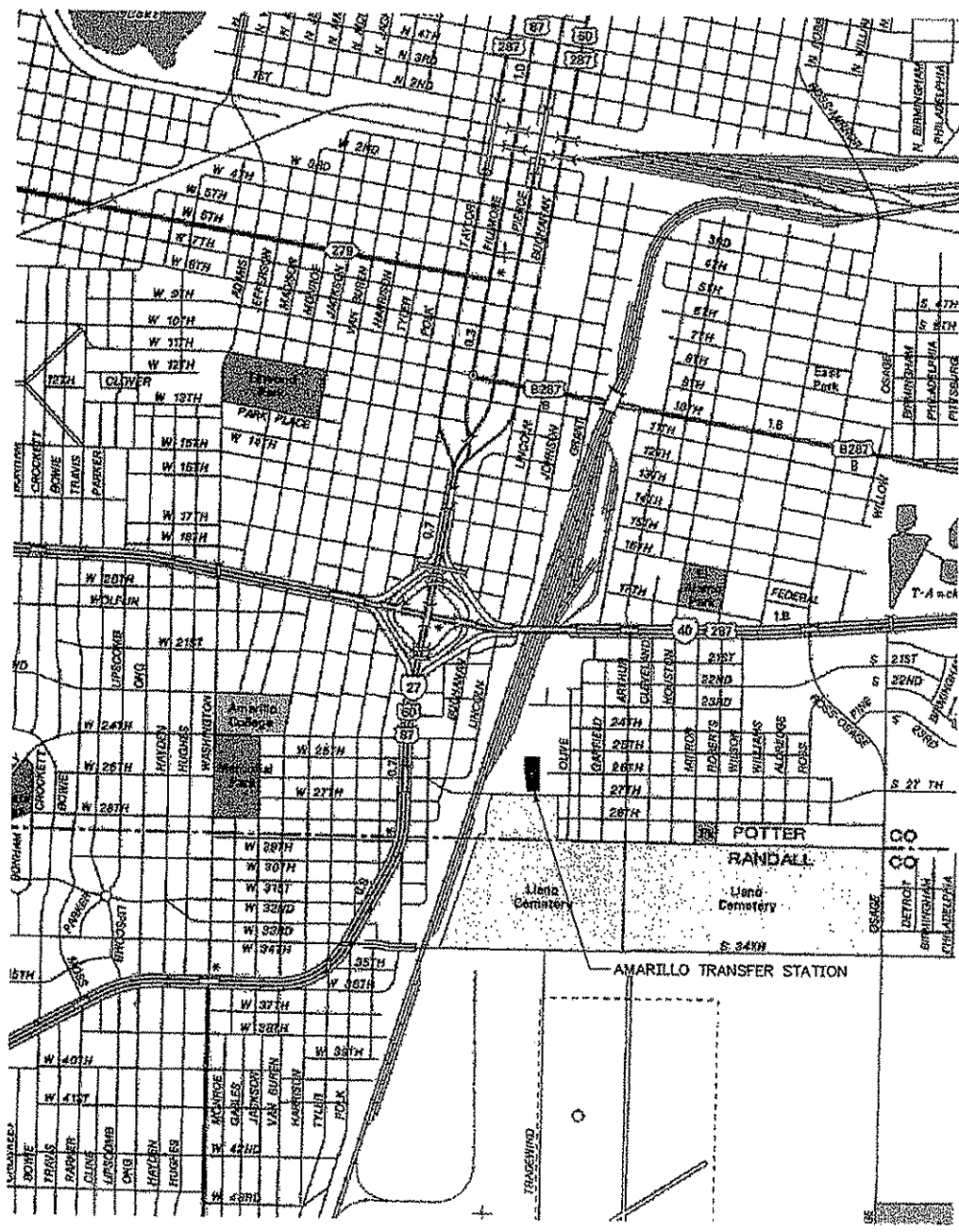
A handwritten signature in black ink that reads 'Frank Pugsley, P.E.'.

Frank Pugsley, P.E.

CC:
Michael Rice, P.E., Director of Public Works, City of Amarillo
File

Attachments:
Location Map





AMARILLO TRANSFER STATION PERMIT MODIFICATION REQUEST

LOCATION MAP

CP&Y Chiang, Patel & Yerby, Inc.

MARCH 2008

FIGURE

1



Partners for a Better Quality of Life

RECEIVED

MAR 24 2008

March 19, 2008

Texas Historical Commission

Texas Historical Commission
Attn: Ed Baker
P.O. Box 12276
Austin, TX 78711-2276

RE : City of Amarillo Transfer Station
Permit Amendment Application
Facility Expansion

Dear Mr. Baker,

The City of Amarillo has retained the services of Chiang, Patel & Yerby, Inc., of Dallas, Texas to prepare a Permit Amendment to the Texas Commission on Environmental Quality (TCEQ) for the expansion of the City's existing Transfer Station. The Transfer Station, located in Potter County, Texas, is classified as a Type V facility and has been in operation since its original permitting in 1965.

As required by 30 TAC §330.61(o), we are requesting your assistance with the permitting process. Please review this site for compliance with the Natural Resources Code, Chapter 191, Texas Antiquities Code. We have included a location map for your use in making your determination.

Thank you for your assistance in this matter. If you need any more information, please contact me at 214-638-0500.

Sincerely,
Chiang, Patel & Yerby, Inc.

Frank E. Pugsley, P.E.

Frank Pugsley, P.E.

NO HISTORIC
PROPERTIES AFFECTED
PROJECT MAY PROCEED

By [Signature]
for F. Lawrence Oaks
State Historic Preservation Officer
Date 4/23/08
Track# _____

CC:
Michael Rice, P.E., Director of Public Works, City of Amarillo

File: _____

Attachments: _____

Location Map: _____

Chiang, Patel & Yerby, Inc.
1820 Regal Row, Suite 200
Dallas, Texas 75235
214.638.0500 • 214.638.3723 fax
www.cpyi.com



APPENDIX II-D

COUNCIL OF GOVERNMENTS REVIEW



Partners for a Better Quality of Life

July 22, 2008

Edward Hansen
Vice Chairman
Panhandle RSWMAC
Panhandle Regional Planning Commission
415 W. Eighth Avenue
Amarillo, Texas 79101

RE: City of Amarillo Transfer Station
Permit Amendment Application
Facility Expansion

Dear Mr. Hansen,

The City of Amarillo has retained the services of Chiang, Patel & Yerby, Inc., of Dallas, Texas, to prepare a Permit Amendment to the Texas Commission on Environmental Quality (TCEQ) for the facility expansion of the City's Transfer Station. The Transfer Station is located in Potter County, Texas, as illustrated in the attached figure.

Please find attached Parts I and II of this Permit Amendment for review by the Panhandle Regional Planning Commission, as required by 30 TAC §330.61(p). This review should take into account compliance with the currently adopted regional solid waste plan.

If you need any further information, please do not hesitate to contact Mr. Frank Pugsley, P.E. at 214-638-0500.

Sincerely,
Chiang, Patel & Yerby, Inc.

A handwritten signature in black ink that reads 'Frank Pugsley, P.E.' The signature is written in a cursive, flowing style.

Frank Pugsley, P.E.

CC:
Michael Rice, P.E., Director of Public Works, City of Amarillo
File

Attachments:
Permit Amendment Part I
Permit Amendment Part II
Location Map

Chiang, Patel & Yerby, Inc.

1820 Regal Row, Suite 200
Dallas, Texas 75235

214.638.0500 • 214.638.3723 fax
www.cpyi.com





Tuesday, August 12, 2008

Frank Pugsley, P.E.
Chiang, Patel & Yerby, Inc.
1820 Regal Row, Suite 200
Dallas, Texas 75235

**RE: City of Amarillo Transfer Station
Permit Amendment Application
Facility Expansion**

Dear Mr. Pugsley,

The Panhandle Regional Planning Commission is in receipt of your City of Amarillo Transfer Station Permit Amendment Parts I and II. We have scheduled a review of the documents by the Panhandle Regional Solid Waste Management Advisory Committee on Tuesday, August 26, 2008 beginning at 11:30 a.m. If you or your client would like to have someone represent this project at the meeting, please feel free to attend.

If you have any questions or comments regarding this matter, please contact my office at any time.

Sincerely,

A handwritten signature in black ink that reads "Elizabeth True". The signature is fluid and cursive.

Elizabeth True
Regional Program Specialist

CC: Michael Rice, PE, Director of Public Works, City of Amarillo
Enclosures: NA





Tuesday, August 26, 2008

~~Mr. Richard C. Carmichael, Ph.D., P.E., CIH
TCEQ
12100 Park 35 Circle, Bldg F (MC-124)
Austin, Texas 78753~~

Re: City of Amarillo MSW Transfer Station
Registration Application No. MSW 76

Dear Mr. Carmichael:

The Panhandle Regional Solid Waste Management Advisory Committee (RSWMAC) met today and reviewed the above-referenced application in accordance with TAC §339.566. The purpose of the review was to determine whether or not the facility, as currently proposed, would conform to the goals and objectives of the regional solid waste management plan.

In keeping with the Plan Conformance/Permit Review provisions of the PRPC's TCEQ-approved regional solid waste plan amendment, the applicant was asked to self-evaluate the proposed facility against the Plan's Conformance Review Checklist. A copy of the applicant's completed checklist is enclosed.

The Panhandle Regional Solid Waste Management Plan offers a range of four different comments that the RSWMAC can make in response to a Conformance Review. Those optional responses are listed below. The RSWMAC's comment on this particular application has been highlighted.

Upon reviewing the application, assessing the applicant's responses on the Conformance Review Checklist, and hearing a presentation from the applicant's representative, the RSWMAC voted to make the following comment regarding this application.

- The Panhandle RSWMAC finds that additional information will be required before a final recommendation can be rendered. Therefore, the RSWMAC has postponed its decision on this application until such time that the requested information is obtained.
- The Panhandle RSWMAC finds that the proposed facility is in conformance with the Panhandle Regional Solid Waste Management Plan and recommends that the TCEQ consider approval of the MSW facility application.
- The Panhandle RSWMAC finds that the proposed facility does not adequately conform to the Panhandle Regional Solid Waste Management Plan and recommends that the TCEQ not grant the MSW facility permit until the attached noted deficiencies have been properly addressed.



- The Panhandle RSWMAC finds that the proposed facility is inconsistent with existing surrounding land uses and recommends that the TCEQ conduct a Land Use Compatibility hearing on the application before giving the application further consideration.

NOTED DEFICIENCIES:

NONE.

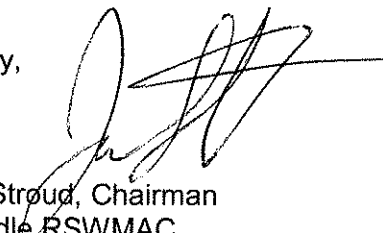
ADDITIONAL COMMENTS:

FAVOR APPROVAL OF THE REGISTRATION APPLICATION.

A copy of this letter has been forwarded to the applicant. If you should have any questions or need any additional information, please contact the Panhandle's Regional Solid Waste Management Program Coordinator at (806) 372-3381.

Thank you.

Sincerely,



James Stroud, Chairman
Panhandle RSWMAC

copy: Michael G. Rice, P.E., Director of Public Works, City of Amarillo
Alan Taylor, City Manager, City of Amarillo
✓ Frank Pugsley, P.E., Engineer, Chiang, Patel, & Yerby, Inc.

APPENDIX II-E

**TEXAS DEPARTMENT OF TRANSPORTATION
COORDINATION**



Partners for a Better Quality of Life

March 19, 2008

Kenneth R. Petr, P.E.
Director of Transportation Planning and Development
Texas Department of Transportation
P.O. Box 7368
Amarillo, Texas 79114-7368

RE: City of Amarillo Transfer Station - Permit Amendment Application
Facility Expansion

Dear Mr. Petr,

The City of Amarillo has retained the services of Chiang, Patel & Yerby, Inc., of Dallas, Texas, to prepare a Permit Amendment to the Texas Commission on Environmental Quality (TCEQ) for the facility expansion of the City's Transfer Station. The Transfer Station is located in Potter County, Texas, as illustrated in the attached figure.

As required by 30 TAC §330.61(i) we are contacting you regarding traffic in the vicinity of the site. Over the next several years, the waste acceptance rate at the Landfill is expected to increase by less than 5% per year. This will result in a very minor increase in the vehicle traffic accessing the Transfer Station. This letter is to confirm that the surrounding roadways are adequate to accommodate an increase from 200 vehicles per day currently to 300 vehicles per day in traffic volume to the Transfer Station over the next 5-10 years. Access to the site is primarily via SE 27th street. A location map is included as an attachment for use in identifying the affected roadways.

If you need any further information, please do not hesitate to contact me at 214-638-0500.

Sincerely,
Chiang, Patel & Yerby, Inc.

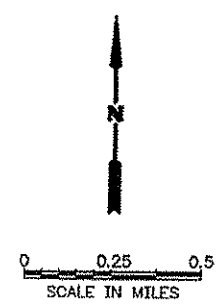
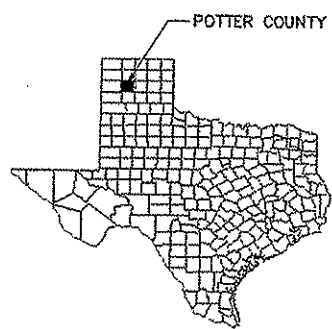
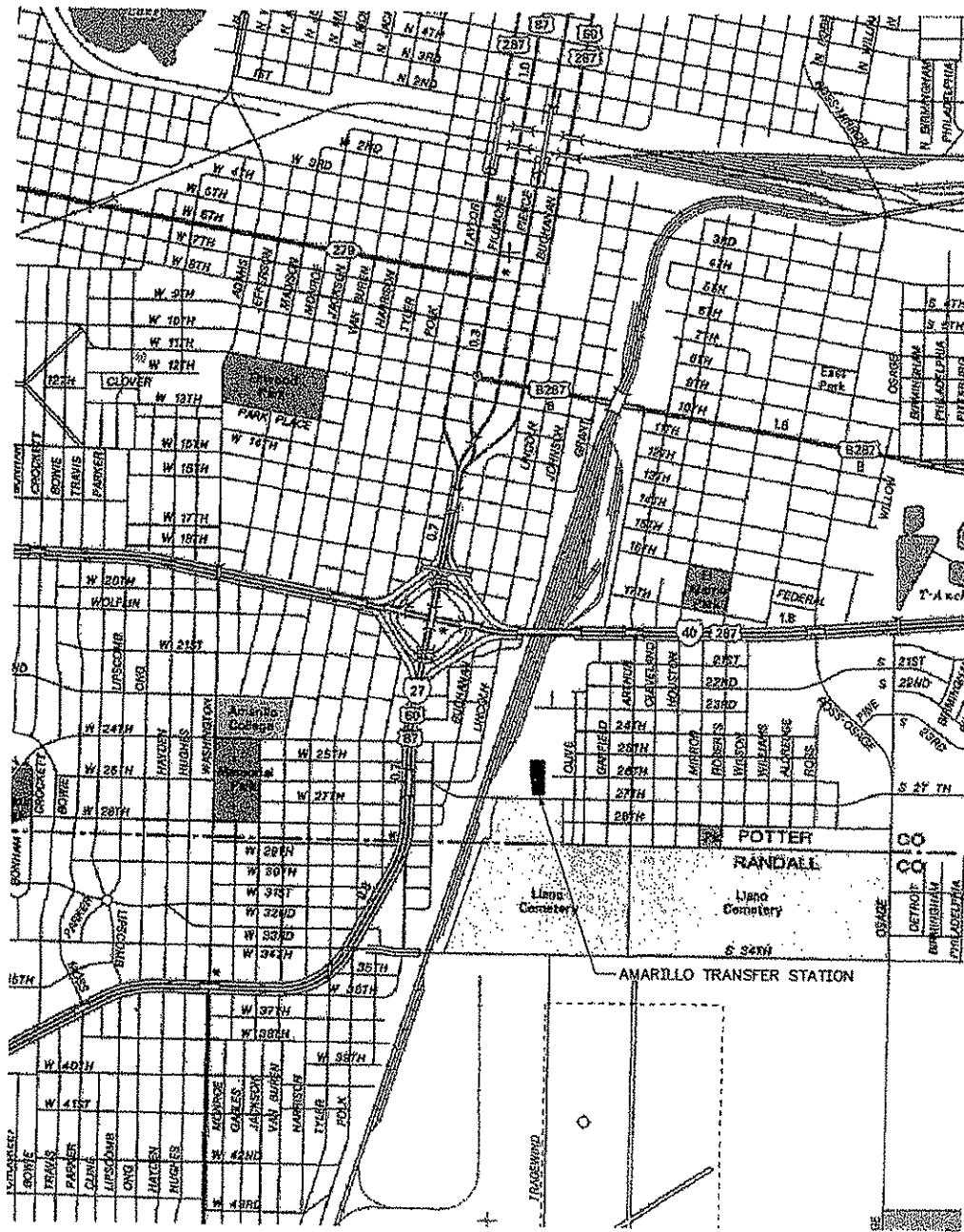
Frank Pugsley, P.E.

CC:
Michael Rice, P.E., Director of Public Works, City of Amarillo
File

Attachments:
Location Map

Chiang, Patel & Yerby, Inc.
1820 Regal Row, Suite 200
Dallas, Texas 75235
214.638.0500 • 214.638.3723 fax
www.cpyi.com





AMARILLO TRANSFER STATION PERMIT MODIFICATION REQUEST

LOCATION MAP



MARCH 2008

FIGURE

1

APPENDIX II-F

FEDERAL AVIATION ADMINISTRATION COORDINATION



Partners for a Better Quality of Life

April 7, 2007

DOT/FAA SW Region
Texas ADO
Attn: Teresa Bruner
2601 Meacham Boulevard
Fort Worth, TX 76137-4298

RE: City of Amarillo Transfer Station
Permit Amendment Application
Facility Expansion

Dear Ms. Bruner,

The City of Amarillo has retained the services of Chiang, Patel & Yerby, Inc., of Dallas, Texas, to prepare a Permit Amendment to the Texas Commission on Environmental Quality (TCEQ) for the facility expansion of the City of Amarillo Solid Waste Transfer Station. The Transfer Station is located in Potter County, Texas, as illustrated in the attached figure.

To the best of our knowledge, the only airport runway located within a 10,000 foot radius of the Transfer Station is the Tradewind Airport in Randall County, Amarillo, Texas.

The facility operations are conducted within a completely enclosed building, drastically limiting any potential bird hazards. This facility is not a solid waste landfill. Please confirm whether or not the indicated Transfer Station footprint will adversely impact the operation of the indicated airport.

If you need any further information, please do not hesitate to contact me at 214-638-0500.

Sincerely,
Chiang, Patel & Yerby, Inc.

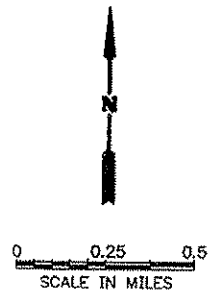
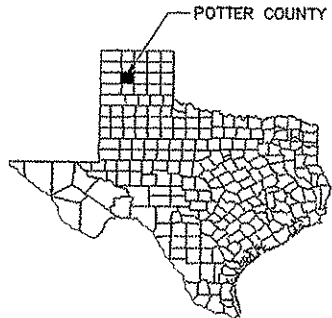
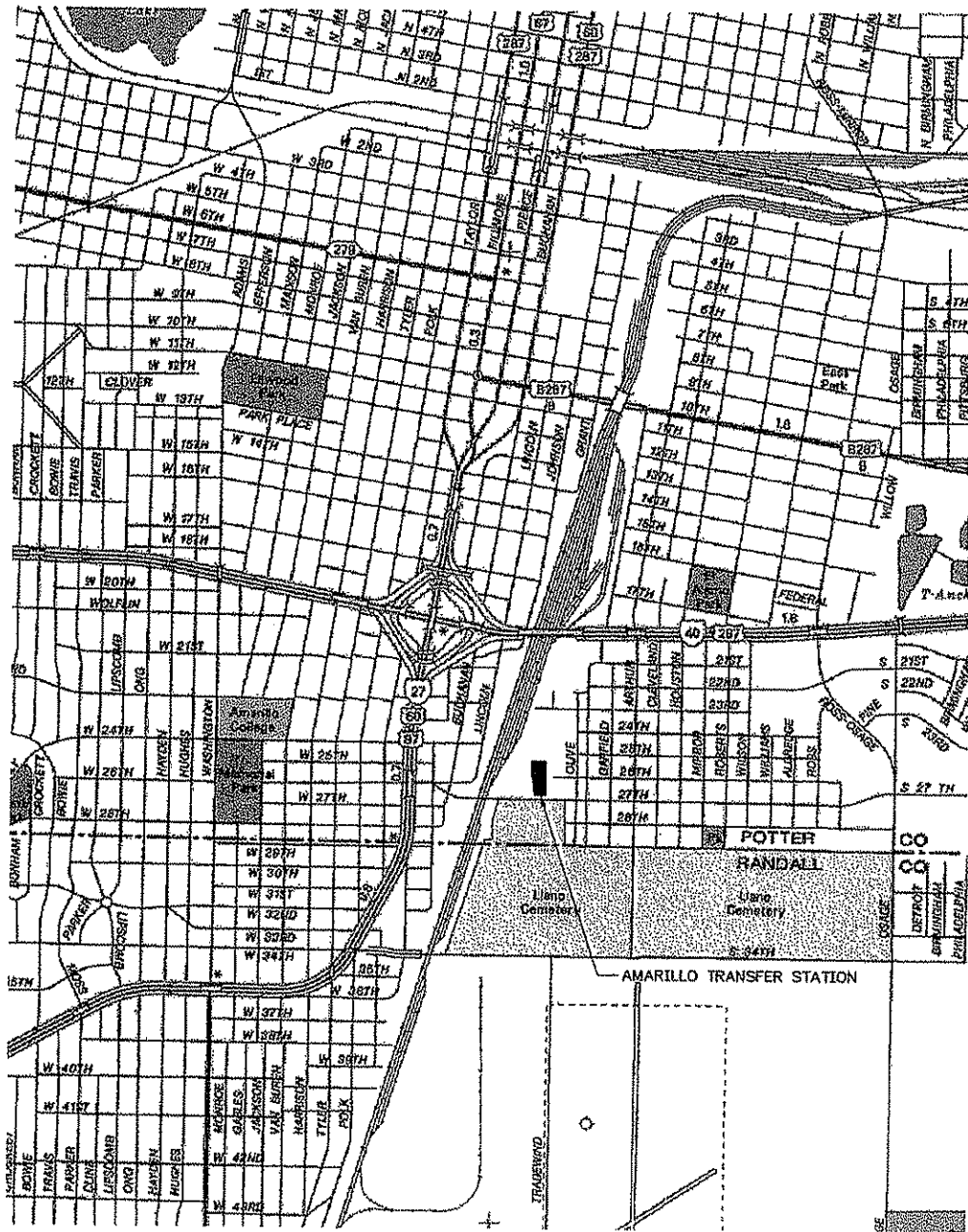
Frank Pugsley, P.E.

CC:
Michael Rice, P.E., Director of Public Works, City of Amarillo
File

Attachments:
Location Map

Chiang, Patel & Yerby, Inc.
1820 Regal Row, Suite 200
Dallas, Texas 75235
214.638.0500 • 214.638.3723 fax
www.cpyi.com





AMARILLO TRANSFER STATION PERMIT MODIFICATION REQUEST

LOCATION MAP

CP&Y Chiang, Patel & Yerby, Inc.

MARCH 2008

FIGURE

1



U.S. Department
of Transportation
**Federal Aviation
Administration**

Airports Division
Southwest Region
Arkansas, Louisiana,
New Mexico, Oklahoma,
Texas

Fort Worth, Texas 76193-0600

RECEIVED

APR 17 2008

CHIANG, PATEL & YERBY, II

April 15, 2008

Mr. Frank Pugsley, P.E.
Chang, Patel & Yerby, Inc.
1820 Regal Row, Suite 200
Dallas, TX 75235

Dear Mr. Pugsley:

This is in response to your letter of April 7, 2008, about the City of Amarillo proposed solid waste transfer station. The proposed site is located less than 10,000 feet from the end of Runway 35 at the Tradewind Airport. This airport has jet aircraft operations.

The Federal Aviation Administration Advisory (FAA) Circular on Hazardous Wildlife Attractants on or Near Airports, which contains recommendations on maintaining compatible land uses, can be found at:

[http://www.airweb.faa.gov/Regulatory_and_Guidance_Library/rgAdvisoryCircular.nsf/0/532dcafa8349a872862573540068c023/\\$FILE/150_5200_33b.pdf](http://www.airweb.faa.gov/Regulatory_and_Guidance_Library/rgAdvisoryCircular.nsf/0/532dcafa8349a872862573540068c023/$FILE/150_5200_33b.pdf)

Please note Section 2.2.d., which addresses Enclosed Trash Transfer Stations.

We do not object to the transfer station, **providing** the following conditions are clearly defined in the state licensing procedures:

1. The transfer station must be completely enclosed.
2. The facility should not handle or store putrescible waste outside or in a partially enclosed structure accessible to wildlife.
3. The facility should not use semi-trailers that leak or have trash clinging to the outside.
4. The facility should have proper ventilation and odor control.
5. If the facility is not operated in accordance with these requirements and there is an increase in bird activity that might be hazardous to safe aircraft operations, initiating mitigation actions and/or closure of the facility will result.

We have assigned this proposed landfill site number 28-004TX. Please use this number in any future correspondence about this facility.

Thank you for coordinating this project with the FAA. If you have any questions, please call me at 817-222-5656.

Sincerely,



Faye Nedderman
Executive Technical Assistant

cc: Texas Commission on Environmental Quality
P.O. Box 13087, Austin, TX 78711-3083

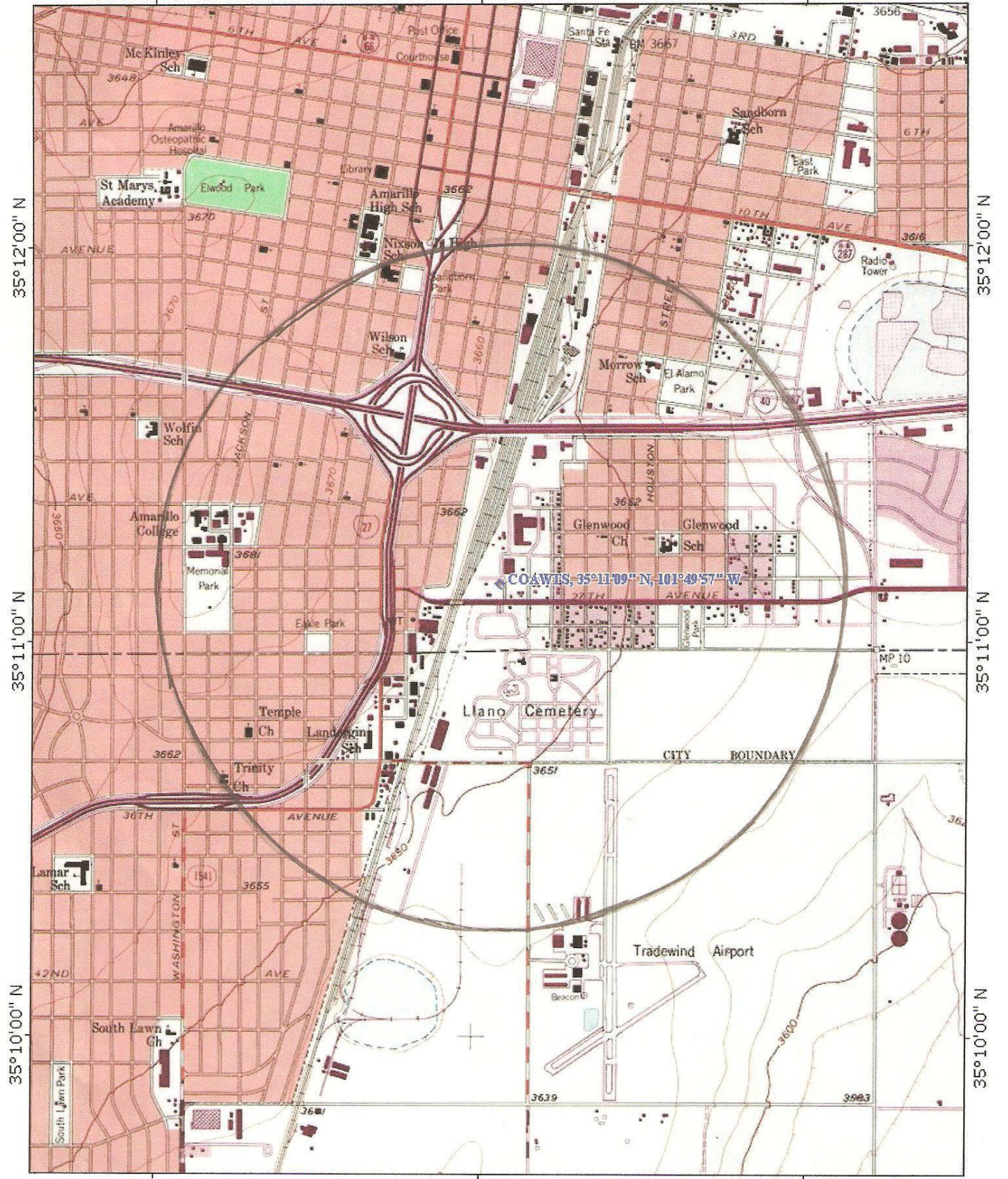
Texas Department of Transportation, Division of Aviation
125 East 11th Street, Austin, TX 78701-2483

Mr. Les Byram, Airport Manager
Tradewind Airport
4105 Tradewind Road
Amarillo, TX 79118

APPENDIX II-G

U.S. GEOLOGICAL SURVEY TOPOGRAPHIC MAPS AND GROUNDWATER DATA

TOPO! map printed on 11/10/07 from "Texas.tpo" and "Untitled.tpg"
101°51'00" W 101°50'00" W WGS84 101°49'00" W









35°12'00" N 35°11'00" N 35°10'00" N
101°51'00" W 101°50'00" W WGS84 101°49'00" W
0 5 1 MILE
0 1000 FEET 0 500 1000 METERS
Map created with TOPO! © 2002 National Geographic (www.nationalgeographic.com/topo)

Figure 1 - USGS Topographic Map

average depth to water Potter County, Texas

**CONTOUR INTERVAL
50 feet**

based on measurements
made
Dec 2002-April 2003

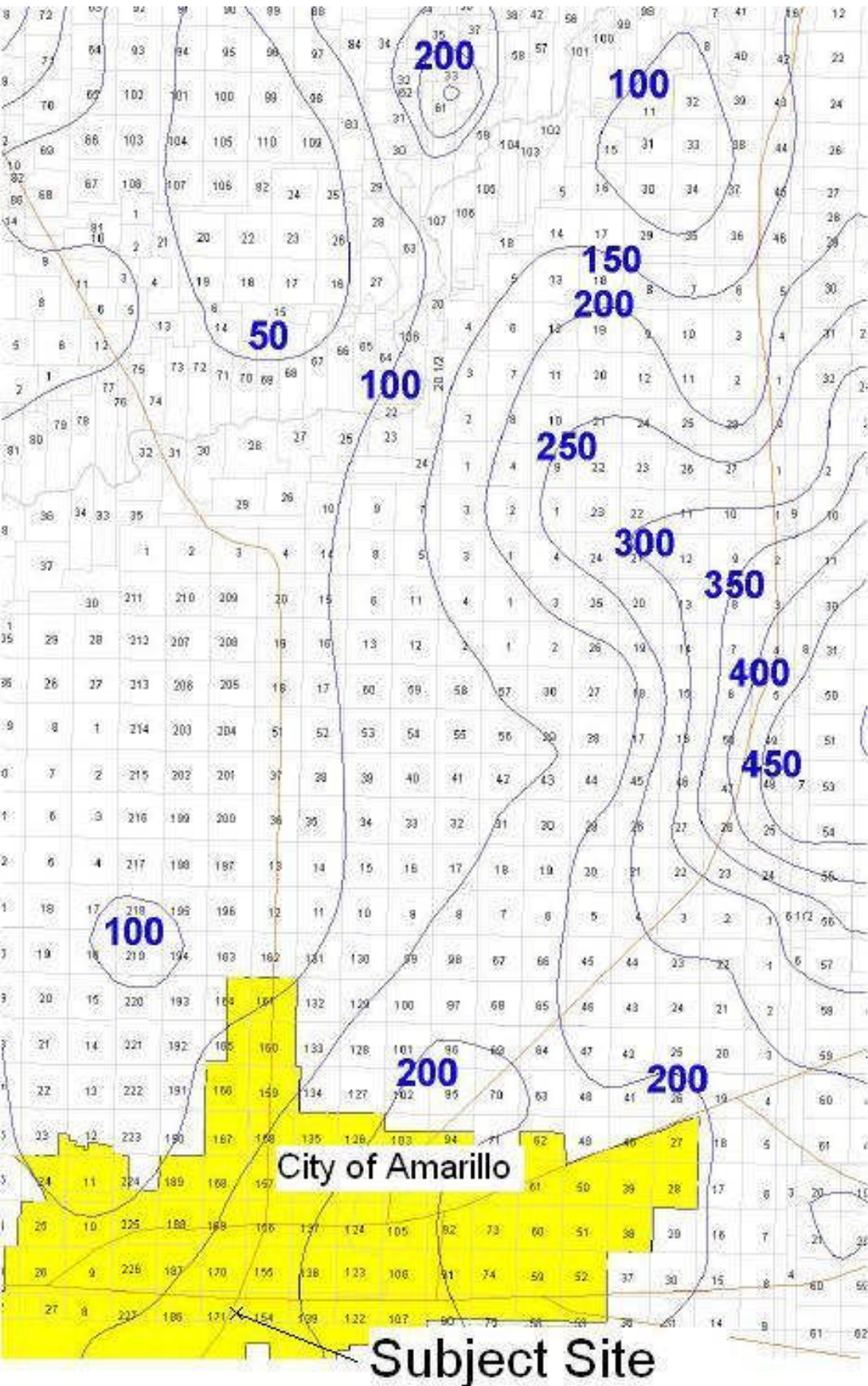
-  average depth to water, feet
-  Major Highways
-  Section lines
-  towns & cities
-  Carson section #'s
-  Potter section #'s



**PANHANDLE GROUNDWATER
CONSERVATION DISTRICT**
Box 637 ~ 201 West Third
White Deer, TX 79097
806 883 2501
www.panhandlegroundwater.org

Figure 2

Raymond M. Brady, Jr. Texas PG 0601
7 January 2008



Subject Site

APPENDIX II-H
WATER WELL REPORT



Water Well ReportTM

November 19, 2007

CLIENT

VISTA ENVIRONMENTAL SERVICES CO., L.L.C
P. O. Box 1072
Canyon, TX 79015

SITE

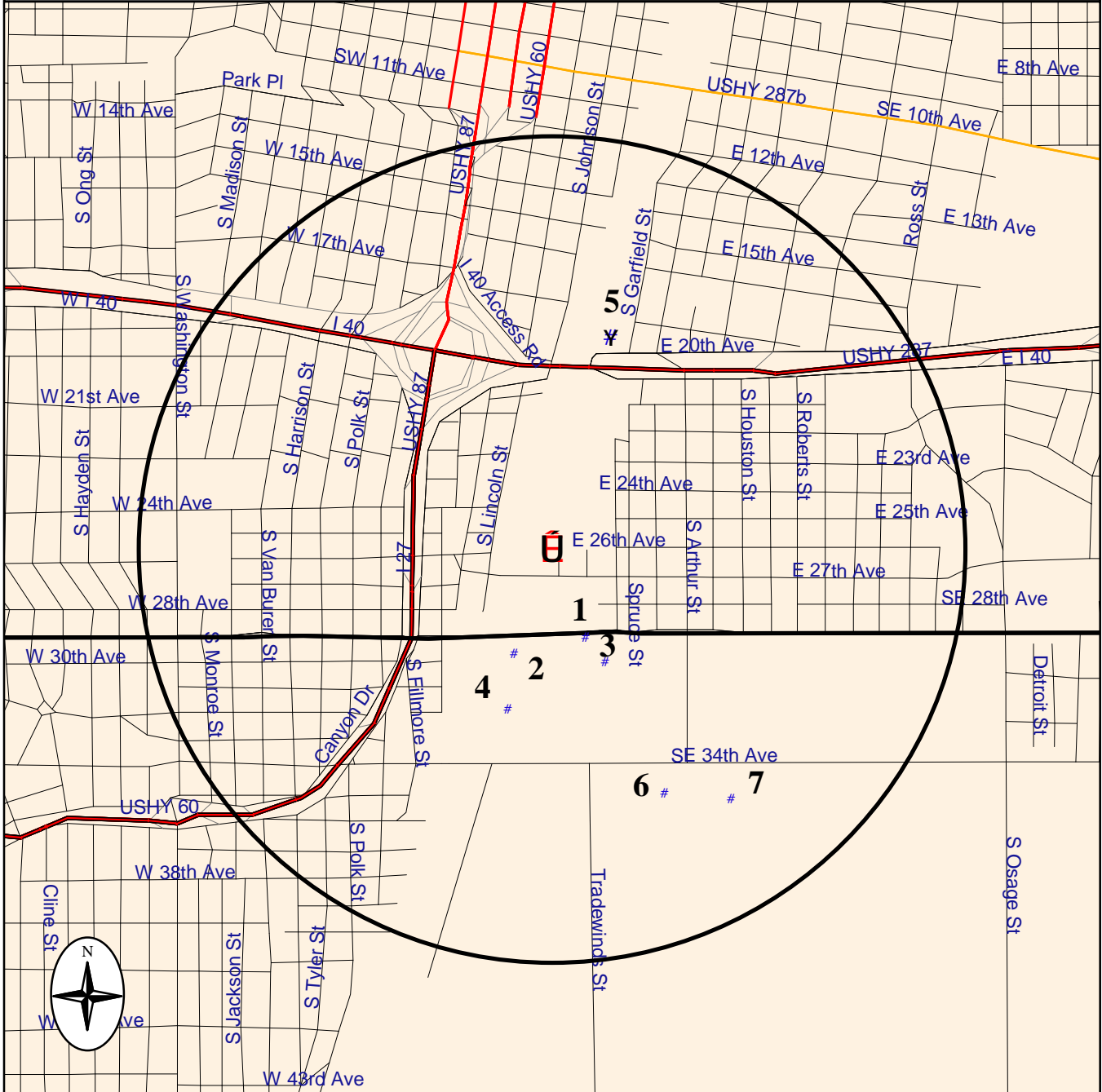
City of Amarillo Solid Waste Transfer Station
SE 27th Avenue
Amarillo, TX
111907-028

P.O. Box 12851, Capitol Station, Austin, TX 78711
1601 Rio Grande, Suite 500, Austin, TX 78701
512.478.0059 FAX 512.478.1433 e-mail banks@banksinfo.com
© Copyright 1998 by Banks Information Solutions, Inc.




Water Well Report™

Map of Wells within One Mile



- Subject Site
- Ground Water Wells (Cluster)
- Ground Water Well
- Airport
- Hospital
- Highway
- Primary road
- Secondary and connecting road
- Local road
- Access road
- Water body
- Park
- State

Banks Environmental Data
 P.O. Box 12851, Capitol Station Austin, Texas 78711
 512-478-0059 FAX 512-478-1433 E Mail: BANKS@BANKSINFO.COM
 November 16, 2007

	<h1>Water Well ReportTM</h1>
	<h2>DETAILS</h2>

State ID	0650506	MAP ID
Banks ID	4838100338	1
Owner Of Well	Llano Cemetery	
Type Of Well	Irrigation	
Depth Drilled	320 '	
Completion Date	9/29/1972	
Longitude	-101.83111	
Latitude	35.18278	

State ID	0650402	MAP ID
Banks ID	4838100335	2
Owner Of Well	Llano Cemetery	
Type Of Well	Irrigation	
Depth Drilled	280 '	
Completion Date	1/1/1930	
Longitude	-101.83417	
Latitude	35.18222	

State ID	0650505	MAP ID
Banks ID	4838100337	3
Owner Of Well	Llano Cemetery	
Type Of Well	Irrigation	
Depth Drilled	250 '	
Completion Date	1/1/1930	
Longitude	-101.83028	
Latitude	35.18194	

P.O. Box 12851, Capitol Station, Austin, TX 78711
1601 Rio Grande, Suite 500, Austin, TX 78701
512.478.0059 FAX 512.478.1433 e-mail banks@banksinfo.com
© Copyright 1998 by Banks Information Solutions, Inc.


	<h1>Water Well Report TM</h1>
	<h2>DETAILS</h2>

State ID	0650403	MAP ID
Banks ID	4838100336	4
Owner Of Well	Llano Cemetary	
Type Of Well	Irrigation	
Depth Drilled	320 '	
Completion Date	8/31/1970	
Longitude	-101.83444	
Latitude	35.18028	

State ID	96851	MAP ID
Banks ID	4837500782	5
Owner Of Well	BNSF Railway Co.	
Type Of Well	Environmental Soil Boring	
Depth Drilled	30 '	
Completion Date	5/31/2006	
Longitude	-101.83004	
Latitude	35.1933	

State ID	96854	MAP ID
Banks ID	4837500783	5
Owner Of Well	BNSF Railway Co.	
Type Of Well	Environmental Soil Boring	
Depth Drilled	6 '	
Completion Date	5/31/2006	
Longitude	-101.83007	
Latitude	35.19336	


P.O. Box 12851, Capitol Station, Austin, TX 78711
1601 Rio Grande, Suite 500, Austin, TX 78701
512.478.0059 FAX 512.478.1433 e-mail banks@banksinfo.com
 © Copyright 1998 by Banks Information Solutions, Inc.

	<h1>Water Well ReportTM</h1>
	<h2>DETAILS</h2>

State ID	06-50-5A	MAP ID
Banks ID	4838102638	6
Owner Of Well	Whittenburg & Banks	
Type Of Well	Other	
Depth Drilled	340 '	
Completion Date	1/23/1979	
Longitude	-101.82774	
Latitude	35.17732	

State ID	06-50-5B	MAP ID
Banks ID	4838102640	7
Owner Of Well	Professional Landscape Service Co.	
Type Of Well	Industrial	
Depth Drilled	312 '	
Completion Date	8/12/1980	
Longitude	-101.8249	
Latitude	35.17711	

P.O. Box 12851, Capitol Station, Austin, TX 78711
1601 Rio Grande, Suite 500, Austin, TX 78701
512.478.0059 FAX 512.478.1433 e-mail banks@banksinfo.com
© Copyright 1998 by Banks Information Solutions, Inc.

	Water Well ReportTM
	SUMMARY

Water Well ReportTM Research Mapping Protocol

The Banks Information Solutions, Inc. Water Well ReportTM is prepared from existing state water well databases and additional file data/records research conducted at Texas' regulatory authorities. Submission of driller's log records upon completion of a drilled water well became mandatory in 1985. The state of Texas has processed these records into several different filing systems within two state regulatory authorities. The water well files, records and map locations are maintained by the Texas Commission on Environmental Quality (TCEQ) and the Texas Water Development Board (TWDB). Actual water well site locations of this report are geocoded and geoplotted directly from the drilling records, drilling schedules, and driller's logs and maps submitted by the water well driller and maintained at these two primary water well regulatory authorities. Below is a description of the filing systems utilized for well drilling records.

Texas Water Development Board (TWDB)

The Texas Water Development Board maintains two datasets of located water well records:
TWDB Groundwater Data-These well files are water well site locations that have been verified with a field inventory inspection by TWDB personnel. The wells are assigned a State Identification Number unique to that well (ex. 65-03-401) plotted on county base maps, U.S.G.S. 7.5 minute topographical quadrangle maps, as well as in-house and on line geographic information systems. Records may also include analytical data attached with each drilling record.
TWDB Submitted Drillers Reports- A Database created from the online Texas Well Report Submission and Retrieval System (A cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports. Reports that drillers submit by mail are geoplotted/geocoded by a TWDB staff member. These wells are assigned a unique tracking number by the Texas Well Report Submission and Retrieval System. This system was introduced in February 2001 as an option for drillers to use, and will be mandatory in the future.

Texas Commission on Environmental Quality (TCEQ)

P.O. Box 12851, Capitol Station, Austin, TX 78711
1601 Rio Grande, Suite 500, Austin, TX 78701
512.478.0059 FAX 512.478.1433 e-mail banks@banksinfo.com
© Copyright 1998 by Banks Information Solutions, Inc.

rptWellReview

The Texas Commission on Environmental Quality (TCEQ) maintains two datasets of water well records.

Water Utility Database (WUD) – This database contains a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. These wells are assigned unique numbers with correlate to the Public Water System they act as a source for (example- S2200199A, G2200322A). The WUI does not contain Drillers Reports or analytical data. This data was provided to Banks in digital format.

TCEQ Central Records-Several different types of Driller's Reports are filed with TCEQ Central Records according to the State Grid Number.

Plotted water well files are water well site locations that have been determined from map information submitted on water well logs and subsequently plotted on TWDB county highway base maps. The accuracy and location of these wells is relative to the information provided on the drillers report. TWDB assigned letters to the correlating grid number to identify these wells (example – 65-59-1A). In some instances, a single well number can represent more than one well location. This type of mapping and filing procedure ceased in June 1986.

Partially numbered water wells -Well Reports that were provided a State Identification Number by the TWDB which establishes the well location somewhere within a 2.5 minute quadrant of a 7.5 minute quadrangle map. This method was the standard procedure from 1986 through 1991.

From 1991 to the 2001, Texas Well Reports contain a grid location box, where drillers are provided a place to mark an X where within the 2.5 minute quadrant is located. These locations have not been verified by the state.

Unnumbered water well files are water well site locations that have been processed since June 1990. These well records are filed solely on their county location and are not provided a State Identification Number nor are they mapped.

Disclaimer

Banks Information Solutions, Inc. has performed a thorough and diligent search of all wells recorded with the Texas Water Development Board and the Texas Commission on Environmental Quality. All mapped locations are based on information obtained from the TWDB and the TCEQ. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the water well driller. Many water well schedules may have never been submitted to regulatory authority by the water well driller and, thus, may explain the possible unaccountability of private drilled wells is uncertain if the above listing provides 100% of the existing well locations within the area of review. Therefore, Banks Information Solutions, Inc. cannot guarantee the accuracy of the data or well location(s) of those maps and records maintained by Texas' regulatory authorities.

rptWellReview

MAP ID
1

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

Aquifer Ogallala Field No. 4 State Well No. 06-50-506
Owner's Well No. _____ County Randall

1. Location: NE 1/4, SE 1/4 Sec. 171, Block 2 Survey ARYM
450' FEL & 1000' FSL
2. Owner: Llano Cemetery Address: _____
Tenant: _____ Address: _____
Driller: Carren Machinery Address: Plainview
3. Elevation of Surface is 3655 ft. above msl, determined by Topographic Map

			②

4. Drilled: September 29, 1972; Dug, Cable Tool, Rotary
5. Depth: Rept. 333 ft. Meas. _____ ft.
6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed
7. Pump: Mfr. HPC Type Submersible
No. Stages _____, Bore Diam. 8 in., Setting 300 ft. Discharge pipe 4"
Column Diam. _____ in., Length Tailpipe _____ ft.
8. Motor: Fuel Electric Make & Model _____ HP. 20
9. Yield: Flow _____ gpm, Pump 175 gpm, Meas., Rept., Est. _____
10. Performance Test: Date _____ Length of Test _____ Made by _____
Static Level _____ ft. Pumping Level _____ ft. Drawdown _____ ft.
Production _____ gpm Specific Capacity _____ gpm/ft.

CASING & BLANK PIPE			
Cemented From		ft. to	
Diam. (in.)	Type	Setting, ft.	
		from	to
12	Steel	0	333

11. Water Level: _____ ft. Rept. _____ 19 _____ above/below surface.
_____ ft. Rept. _____ 19 _____ above/below surface.
_____ ft. Rept. _____ 19 _____ above/below surface.
_____ ft. Rept. _____ 19 _____ above/below surface.

12. Use: Dom., Stock, Public Supply, Ind., Waterflooding, Observation, Not Used, Cemetery Use
13. Quality: (Remarks on taste, odor, color, etc.) _____

- Temp. _____ °F, Date sampled for analysis _____ Laboratory _____
Temp. _____ °F, Date sampled for analysis _____ Laboratory _____
Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

WELL SCREEN			
Screen Openings			
Diam. (in.)	Type	Setting, ft.	
		from	to
12	Perf	216	320

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log
Formation Samples, Pumping Test, _____
15. Record by: David C. Bayha Date February 6, 1973
Source of Data: Mr. Bill Stafford & Observation

16. Remarks: Elevation of base Ogallala is 3343' above MSL

Ob's Well

Q 8

rptWellReview

MAP ID
1

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

Locality: Ogallala & Trassie Field No. 4 State Well No. UY-06-50-506
Owner's Well No. _____ County Randall

1. Location: NE 1/4 SE 1/4 Sec. 171, Block 2 Survey ABJM
450' FEL & 1000' FSL

2. Owner: Wingo Company Address: 2900 S. Hayes, Amarillo
mgr. Agent: Walter Lenderman Address: 2900 S. Hayes, Amarillo
Driller: Green Machinery Address: Plainview

3. Elevation of LSD surface is 3655 ft. above mol, determined by Topographic Map
4. Drilled: September 21, 1972; Dug, Cable Tool, Rotary
5. Depth: Rept. 323 ft. Meas. 323 nd 4 DL

6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed
7. Pump: Mfg. HPC Type Submersible
No. Stages _____, Bore Dia. 8 in., Setting 300 ft. Discharge
Colum Dia. _____ in., Length Tailpipe _____ ft.

8. Motor: Fuel Electric Make & Model _____ HP. 20
9. Yield: Flow _____ gpm, Pump 175 gpm, Meas., Rept., Est. _____

10. Performance Test: Date _____ Length of Test _____ Made by _____
Static Level _____ ft. Pumping Level _____ ft. Drawdown _____ ft.

11. Water Level: UTM ft. Rept. 11-7-75 above _____ ft. above surface.
314.22 ft. Rept. 1-8-76 below _____ ft. below surface.
1-8-76 Top of Casing under Cap which is 0.4 ft. above surface.
ft. Rept. _____ 19 _____ ft. above surface.
ft. Rept. _____ 19 _____ ft. below surface.
ft. Rept. _____ 19 _____ ft. above surface.
ft. Rept. _____ 19 _____ ft. below surface.

12. Use: Dom., Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used, Secondary Use (LXXI9)

13. Quality: (Remarks on taste, odor, color, etc.)
Temp. NST, Date sampled for analysis _____ Laboratory _____
Temp. _____ °F, Date sampled for analysis _____ Laboratory _____
Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

14. Other data available as circled: Driller's Log; Radioactivity Log Electric Log
Formation Samples, Pumping Test, Gr. Couch 11-7-75

15. Record by: David C. Bryan Date February 6, 1973
Source of Data: Mr. Bill Starnford & Observation

16. Remarks: _____
Elevation of base Ogallala is 3373 above MSL

1) well pumping - well is on automatic
pressure switch and comes on at LV regulated interval especially
during irregular periods. Turn off well at Control Box
well located NW of main office MP = 0.4 above LSD. Top
100 yds. Go thru brick archway
North of office and curve to
right and go along chain link
fence to well & Control box
3655
214
3741 Obs Well
(Sketch)

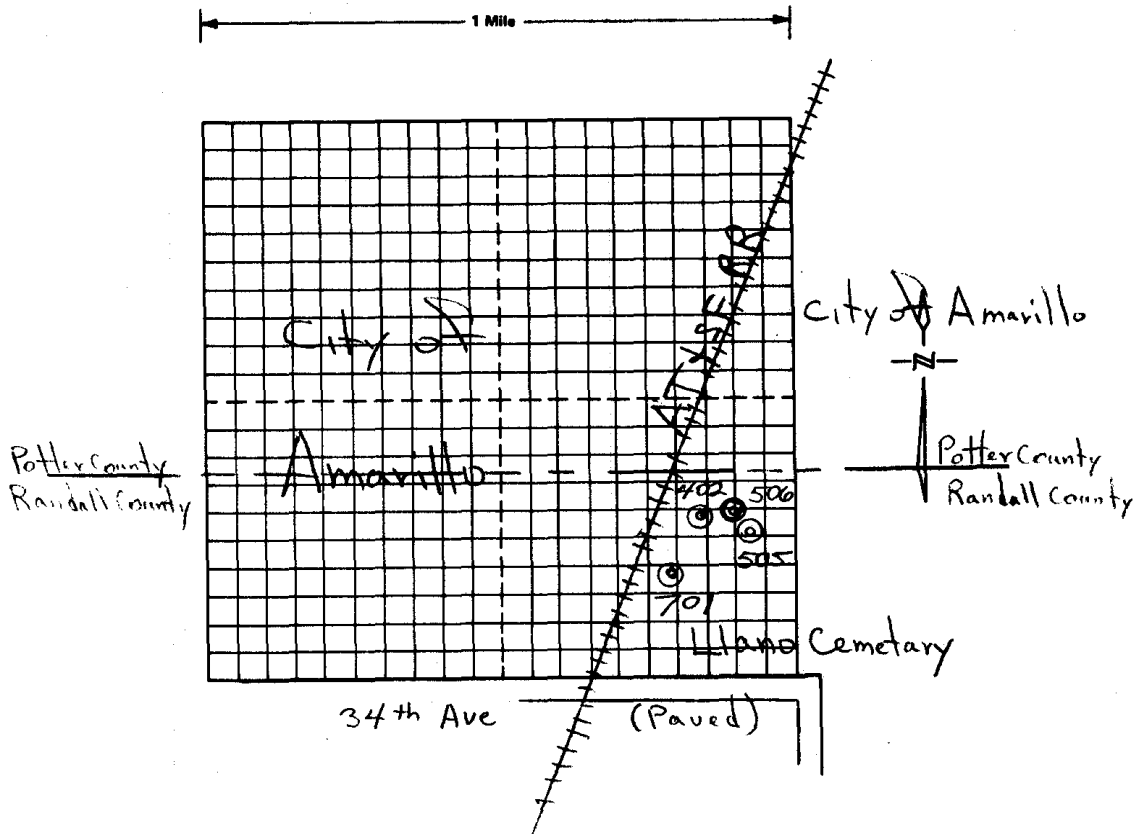
CASING & BLANK PIPE			
Cemented From		ft. to	
Diam. (in.)	Type	Setting, ft.	
		From	To
12 1/2	Steel	0	323

WELL SCREEN			
Screen Openings		Setting, ft.	
Diam. (in.)	Type	From	To
12	Perf	216	320

MAP ID
1

WATER WELL LOCATION SKETCH
TEXAS WATER DEVELOPMENT BOARD
GROUND WATER DATA & PROTECTION

Section 171 in Block 2-AB4M
Randall County
2 1/2-minute Quadrangle 4, 5, & 7 in
7 1/2-minute Quadrangle 50
Sketch by D. Bayha Date February 13, 1973



Well No. 06 50 506
7 cys

TWDBE-WD-4

rptWellReview

MAP ID
1

JUL 24 1972

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711		State of Texas WATER WELL REPORT	For TWDB use only Well No. _____ Located on map _____ Received: _____																																		
1) OWNER: Person having well drilled <u>L LANO CEMETERY</u> (Name) Address <u>_____</u> (Street or RFD) <u>Amarillo, Texas</u> (City) (State)		Landowner <u>_____</u> (Name) Address <u>_____</u> (Street or RFD) (City) (State)																																			
2) LOCATION OF WELL: County <u>_____</u> miles in <u>_____</u> direction from <u>City of Amarillo</u> (Town) (N.E., S.W., etc.) Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* <div style="text-align: center; border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> [IN CITY LIMITS] of AMARILLO North </div> (Use reverse side if necessary)																																					
3) TYPE OF WORK (Check): <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other																																			
		5) TYPE OF WELL (Check): <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Cable <input type="checkbox"/> Jetted <input type="checkbox"/> Bored																																			
6) WELL LOG: Diameter of hole <u>24</u> in. Depth drilled <u>320</u> ft. Depth of completed well <u>320</u> ft. Date drilled <u>9-29-71</u> All measurements made from <u>0</u> ft. above ground level.																																					
<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>From (ft.)</th> <th>To (ft.)</th> <th>Description and color of formation material</th> </tr> </thead> <tbody> <tr><td>0</td><td>6</td><td>Topsoil</td></tr> <tr><td>6</td><td>30</td><td>Loam</td></tr> <tr><td>30</td><td>91</td><td>Clay and sandy clay</td></tr> <tr><td>91</td><td>145</td><td>Coarse sand, layer of clay</td></tr> <tr><td>145</td><td>168</td><td>Med. coarse sand, gravel, clay</td></tr> <tr><td>168</td><td>208</td><td>Rock</td></tr> <tr><td>208</td><td>216</td><td>sandy clay</td></tr> <tr><td>216</td><td>259</td><td>Clay, sand, rock</td></tr> <tr><td>259</td><td>305</td><td>Clay, capped sand</td></tr> <tr><td>305</td><td>312</td><td>clay</td></tr> <tr><td>312</td><td>320</td><td>blue clay, red bed</td></tr> </tbody> </table>	From (ft.)	To (ft.)	Description and color of formation material	0	6	Topsoil	6	30	Loam	30	91	Clay and sandy clay	91	145	Coarse sand, layer of clay	145	168	Med. coarse sand, gravel, clay	168	208	Rock	208	216	sandy clay	216	259	Clay, sand, rock	259	305	Clay, capped sand	305	312	clay	312	320	blue clay, red bed	9) Casing: Type: Old <input type="checkbox"/> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Plastic <input type="checkbox"/> Other Cemented from _____ ft. to _____ ft. Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Cage _____ 12 3/4 0 214 4 10) SCREEN: Type: <input type="checkbox"/> Perforated <input checked="" type="checkbox"/> Slotted Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Slot Size _____ 12 3/4 214 320 1/2
From (ft.)	To (ft.)	Description and color of formation material																																			
0	6	Topsoil																																			
6	30	Loam																																			
30	91	Clay and sandy clay																																			
91	145	Coarse sand, layer of clay																																			
145	168	Med. coarse sand, gravel, clay																																			
168	208	Rock																																			
208	216	sandy clay																																			
216	259	Clay, sand, rock																																			
259	305	Clay, capped sand																																			
305	312	clay																																			
312	320	blue clay, red bed																																			
7) COMPLETION (Check): Straight wall <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Other Under reamed <input type="checkbox"/> Open Hole		11) WELL TESTS: Was a pump test made? Yes <input type="checkbox"/> <input checked="" type="checkbox"/> No If yes, by whom? Yield: _____ gpm with _____ ft. drawdown after _____ hrs. Bailer test _____ gpm with _____ ft. drawdown after _____ hrs. Artesian flow _____ gpm Temperature of water _____																																			
8) WATER LEVEL: Static level _____ ft. below land surface Date _____ Artesian pressure _____ lbs. per square inch Date _____ Depth to pump bowls, cylinder, jet, etc., <u>300</u> ft. below land surface.		12) WATER QUALITY: Was a chemical analysis made? Yes <input type="checkbox"/> <input checked="" type="checkbox"/> No Did any strata contain undesirable water? Yes <input type="checkbox"/> <input checked="" type="checkbox"/> No Type of water? _____ depth of strata _____																																			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.																																					
NAME <u>GEORGE W. GREEN</u> (Type or Print) Water Well Drillers Registration No. <u>616</u>		ADDRESS <u>Box 1653</u> (Street or RFD) <u>Plainview</u> (City) <u>TEXAS</u> (State)																																			
(Signed) <u>George W. Green</u> (Water Well Driller)		<u>GREEN Machinery Co., Inc.</u> (Company Name)																																			

*Additional instructions on reverse side.

TWDB-CW-53

Q 8 06-50-506

MAP ID
2

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Ogallala Field No. 2 State Well No. 06 50 402
 Owner's Well No. _____ County Randall

1. Location: NE 1/4, SE 1/4 Sec. 171, Block 2 Survey AB/M
1000' FEL & 1550' FSL

2. Owner: Llane Cemetery Address: _____
 Tenant: _____ Address: _____
 Driller: WPA P Address: _____

3. Elevation of Surface is 3657 ft. above msl, determined by Topographic Map
 4. Drilled: 19 30; Dug, Cable Tool, Rotary, _____

5. Depth: Rept. 280 ft. Meas. _____ ft.
 6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed
 7. Pump: Mfr. Peerless Type Turbine
 No. Stages _____, Bowsl Diam. _____ in., Setting _____ ft. Discharge
 Colum. Diam. _____ in., Length Tailpipe _____ ft. pipe 4"

8. Motor: Fuel Electric Make & Model GE HP _____

9. Yield: Flow _____ gpm, Pump 100 gpm, Meas., Rept., Est. _____

10. Performance Test: Date _____ Length of Test _____ Made by _____
 Static Level _____ ft. Pumping Level _____ ft. Drawdown _____ ft.
 Production _____ gpm Specific Capacity _____ gpm/ft.

11. Water Level: _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.
 _____ ft. meas. _____ below _____ which is _____ ft. below surface.
 _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.
 _____ ft. meas. _____ below _____ which is _____ ft. below surface.
 _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.
 _____ ft. meas. _____ below _____ which is _____ ft. below surface.

12. Use: Dam., Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used, Cemetery Use

13. Quality: (Remarks on taste, odor, color, etc.) _____
 Temp. _____ °F, Date sampled for analysis _____ Laboratory _____
 Temp. _____ °F, Date sampled for analysis _____ Laboratory _____
 Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log,
 Formation Samples, Pumping Test,

15. Record by: David C. Bayha Date Feb 6 19 78
 Source of Data Mr. Bill Stafford & Observation

16. Remarks: Unable to determine elevation of base Ogallala

			①

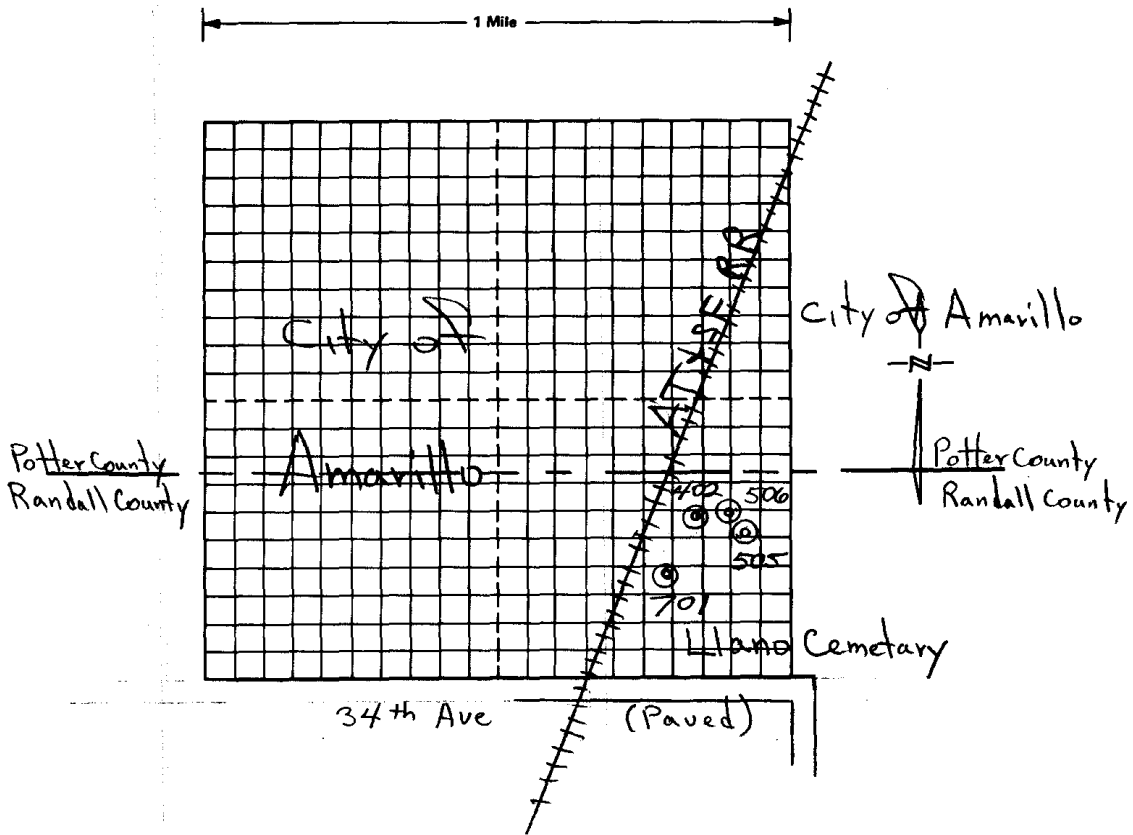
CASING & BLANK PIPE			
Cemented From Diam. (in.)	Type	ft. to	
		Setting, ft. from	to

WELL SCREEN			
Screen Openings Diam. (in.)	Type	Setting, ft.	
		from	to

MAP ID
2

WATER WELL LOCATION SKETCH
TEXAS WATER DEVELOPMENT BOARD
GROUND WATER DATA & PROTECTION

Section 171 in Block 2-AB&M
Randall County
2 1/4-minute Quadrangle 4, 5, & 7 in
7 1/4-minute Quadrangle 50
Sketch by D. Bayha Date February 8, 1973



Well No. 06 50 402
7 cys

TWDBE-WD-4

rptWellReview

MAP ID
3

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 06 50 505 Previous Well Number - County - Randall 381
 River Basin - Red River - 02 Zone - 1 Latitude - 35 10 55 Longitude - 101 49 49 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
 Owner - Llano Cemetary Driller -

Address _____ Tenant/Oper. _____
 Date Drilled - / /1930 Depth - 250 ft. Source of Depth - R Altitude - 3,655 ft. Source of Alt. - M
 Aquifer - 1210GLL OGALLALA FORMATION Well Type - W User -

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____ Screen Material - _____
 Completion - _____ Casing or Blank Pipe (C)
 Well Screen or Slotted Zone ()
 Open Hole (0)
 Cemented from _____ to _____

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____
 Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
 Diam. (in.) Setting(feet) From To

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM

Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft

QUALITY (Remarks- _____)

WATER USE Primary- IRRIGATION Secondary- _____ Tertiary- _____

OTHER DATA AVAILABLE Water Levels- N Quality- N Logs- E Other Data-

WATER LEVELS Date- / / Measurement-
 Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 08/02/1989

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD

REMARKS -
 Reported, yield 50 gpm in 1930.

Aquifer - 1210GLL
 Well No. - 06 50 505

rptWellReview

MAP ID
3

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

Aquifer Ogallala Field No. 1 State Well No. 06 50 505
Owner's Well No. _____ County Randall

1. Location: SE 1/4, SE 1/4 Sec. 171, Block 2 Survey AB+M
400' FEL + 1400' ESL

2. Owner: Llane Cemetary Address: _____

Tenant: _____ Address: _____
Driller: Unknown - WPA? Address: _____

3. Elevation of Surface is 3655 ft. above msl, determined by Topographic Map

4. Drilled: 30 ; Dug, Cable Tool, Rotary, _____

5. Depth: Rept. 250 ft. Meas. _____ ft.

6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfg. Peerless Type Turbine
No. Stages _____, Bowls Diam. _____ in., Setting _____ ft. Discharge
Column Diam. _____ in., Length Tailpipe _____ ft. Pipe 4"

8. Motor: Fuel Electric Make & Model COE HP. _____

9. Yield: Flow _____ gpm, Pump 50 gpm, Meas., Rept., Est. _____

10. Performance Test: Date _____ Length of Test _____ Made by _____
Static Level _____ ft. Pumping Level _____ ft. Drawdown _____ ft.
Production _____ gpm Specific Capacity _____ gpm/ft.

11. Water Level: _____ ft. rept. _____ above _____ ft. above surface.
_____ ft. meas. _____ below _____ ft. above surface.
_____ ft. meas. _____ below _____ ft. above surface.
_____ ft. meas. _____ below _____ ft. above surface.
_____ ft. meas. _____ below _____ ft. above surface.

12. Use: Dom., Stock, Public Supply, Ind. Irr., Waterflooding, Observation, Not Used, Cemetary Use

13. Quality: (Remarks on taste, odor, color, etc.) _____
Temp. _____ °F, Date sampled for analysis _____ Laboratory _____
Temp. _____ °F, Date sampled for analysis _____ Laboratory _____
Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log,
Formation Samples, Pumping Test.

15. Record by: Dave C. Bayha Date Feb 6, 1973
Source of Data Mr. Bill Stafford, Observation

16. Remarks: Ground Water Survey Amarill. Nat Bank
376 4557
Bill Stafford
Exec Vice Pres

Unable to determine elevation of base Ogallala

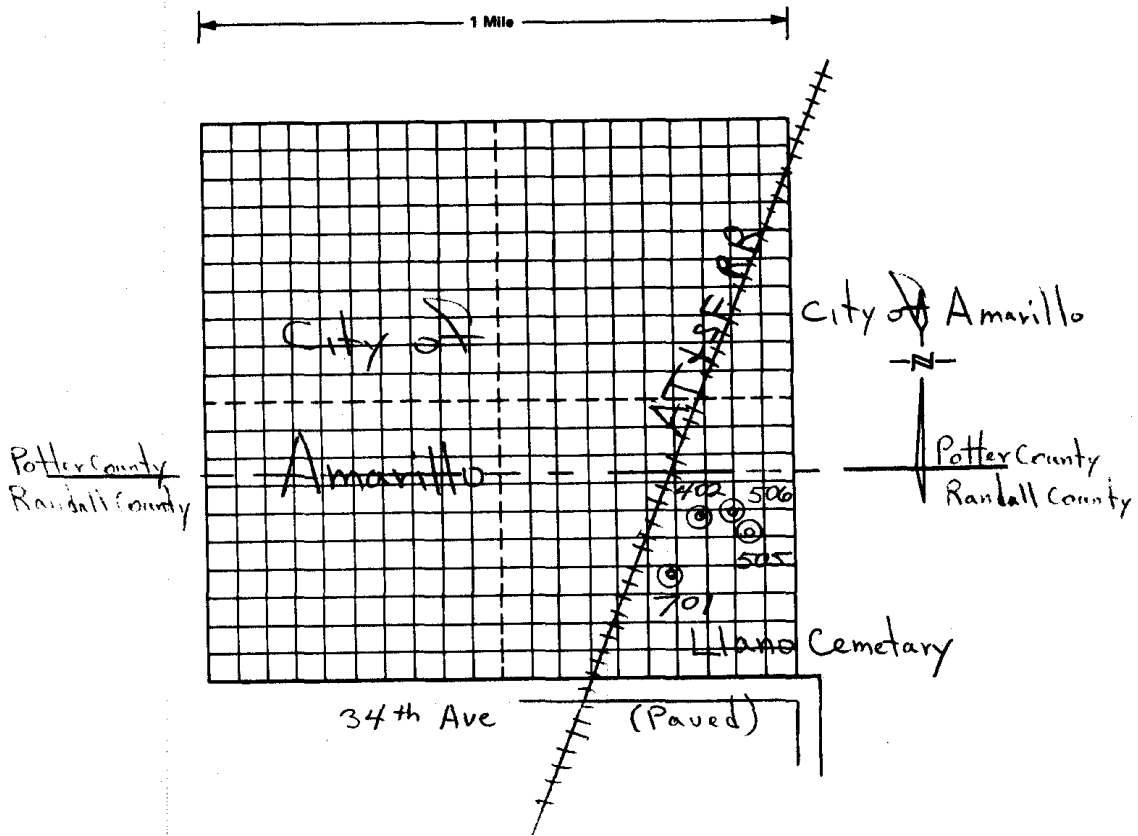
			⊙

CASING & BLANK PIPE			
Cemented From		ft. to	
Diam. (in.)	Type	Setting, ft.	
		from	to

WELL SCREEN			
Screen Openings			
Diam. (in.)	Type	Setting, ft.	
		from	to

WATER WELL LOCATION SKETCH
TEXAS WATER DEVELOPMENT BOARD
GROUND WATER DATA & PROTECTION

Section 171 in Block 2-AB&M
Randall County
2 1/2-minute Quadrangle 4, 5, & 7 in
7 1/2-minute Quadrangle 50
Sketch by D. Bayha Date February 8, 1973



Well No. 06 50 505
7 cys

rptWellReview

MAP ID
4

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 06 50 403 Previous Well Number - County - Randall 381
 River Basin - Red River - 02 Zone - 1 Latitude - 35 10 49 Longitude - 101 50 04 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____
 Owner - Llano Cemetary Driller - Green Machinery Co.

Address _____ Tenant/Oper. _____

Date Drilled - 08/31/1970 Depth - 320 ft. Source of Depth - D Altitude - 3,657 ft. Source of Alt. - M
 Aquifer - 1210GLL OGALLALA FORMATION Well Type - W User -

WELL Const. Casing Material - STEEL Screen Completion - GRAVEL PACK W/PERFORATIONS Material - STEEL
 CONSTRUCTION Method - HYDRAULIC ROTARY Casing or Blank Pipe (C)
 Well Screen or Slotted Zone (

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages _____
 Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
 Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 15.00

	1	C	12	0	218
	2	S	12	218	320
	3				

YIELD Flow- _____ GPM Pump- _____ GPM Meas., Rept., Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____ GPM
 Static Level- _____ ft. Pumping Level- _____ ft. Drawdown- _____ ft. Sp.Cap.- _____ GPM/ft.

QUALITY (Remarks- _____)

WATER USE Primary- IRRIGATION Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- DE Other Data-

WATER LEVELS Date- / / Measurement-
 Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 08/02/1989

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
 REMARKS -
 Reported, yield 150 gpm in 1971.

Aquifer - 1210GLL
 Well No. - 06 50 403

rptWellReview

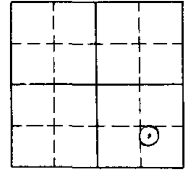
MAP ID
4

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer: Ogallala Field No. 3 State Well No. 403 0650781 [701]
 Owner's Well No. _____ County Randall

1. Location: SE 1/4 Sec. 171, Block 2, Survey ABM
T150' FEL + 1100' ESL
2. Owner: Lano Cemetary Address: _____
 Tenant: _____ Address: _____
 Driller: Green Machinery Co Address: Plainville
3. Elevation of Surface is 3657 ft. above msl, determined by Topographic Map
4. Drilled: August 31, 1971; Log, Cable Tool, Rotary
5. Depth: Rept. 320 ft. Mess. _____ ft.
6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Pack
7. Pump: Mfr. Hpc Type Submersible
 No. Stages _____, Bowls Diam. 8 in., Setting 300 ft. Discharge pipe 4"
 Column Diam. _____ in., Length Tailpipe _____ ft.
8. Motor: Fuel Electric Make & Model Co E HP. 15
9. Yield: Flow _____ gpm, Pump 150 gpm, Mess., Rept., Est. _____
10. Performance Test: Date _____ Length of Test _____ Made by _____
 Static Level _____ ft. Pumping Level _____ ft. Drawdown _____ ft.
 Production _____ gpm Specific Capacity _____ gpm/ft.



CASING & BLANK PIPE			
Cemented From		ft. to	
Diam. (in.)	Type	Setting, ft.	
		from	to
12"	Steel	0	320

11. Water Level: _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.
 _____ ft. rept. _____ 19 _____ below _____ below surface.
 _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.
 _____ ft. rept. _____ 19 _____ below _____ below surface.
 _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.
 _____ ft. rept. _____ 19 _____ below _____ below surface.

12. Use: Dom., Stock, Public Supply, Ind., Q, Waterflooding, Observation, Not Used, Cemetary Use
13. Quality: (Remarks on taste, odor, color, etc.) _____
 Temp. _____ °F, Date sampled for analysis _____ Laboratory _____
 Temp. _____ °F, Date sampled for analysis _____ Laboratory _____
 Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

WELL SCREEN			
Screen Openings			
Diam. (in.)	Type	Setting, ft.	
		from	to
12	Perf	218	320

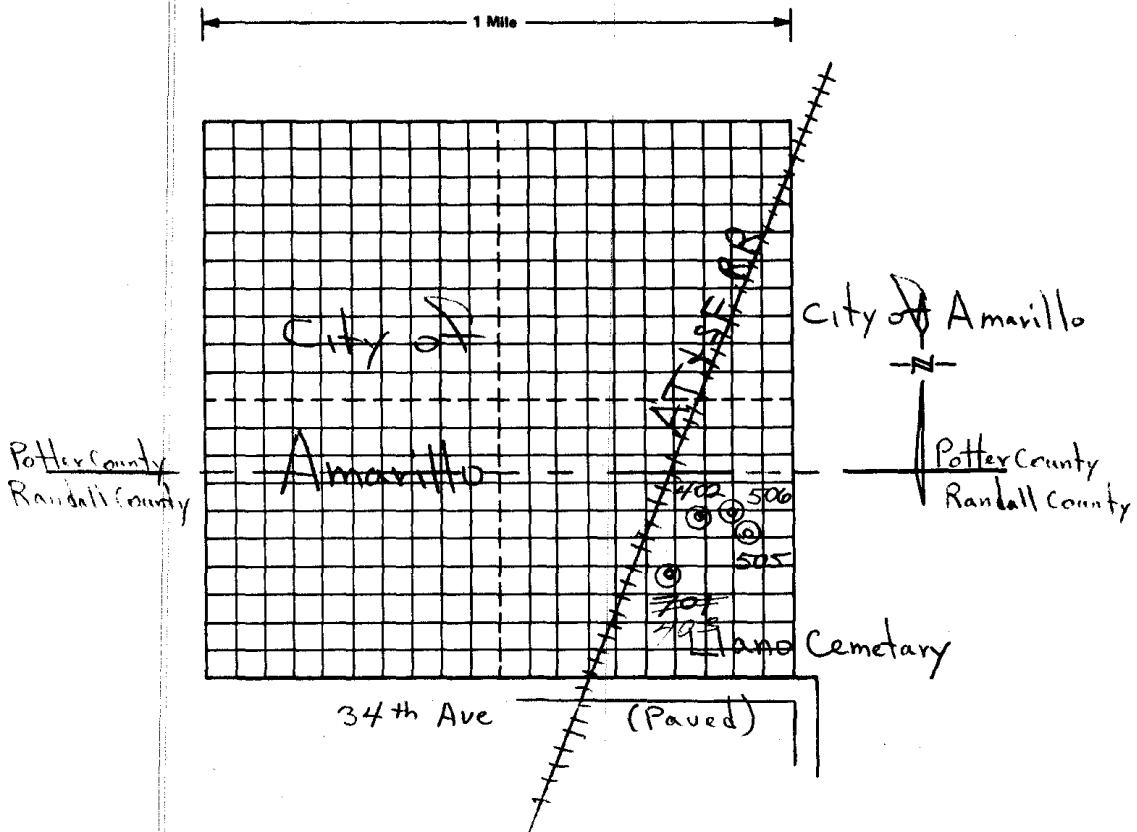
14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log
 Formation Samples, Pumping Test, _____
15. Record by: Dwight C. Bayha Date February 6, 1973
 Source of Data Mr. Bill Stafford & Observation
16. Remarks: _____

Elevation of base Ogallala is 3343' above MSL

MAP ID
4

WATER WELL LOCATION SKETCH
TEXAS WATER DEVELOPMENT BOARD
GROUND WATER DATA & PROTECTION

Section 171 in Block 2-AB4M
Randall County
2 1/2-minute Quadrangle 4, 5, & 7 in
7 1/2-minute Quadrangle 50
Sketch by D. Bayha Date February 8, 1973



TWDBE-WD-4

Well No. 06 50 403
701
7 cys

rptWellReview

MAP ID
4

PROCESSED
JUL 24 1972

Send original copy by certified mail to the Texas Water Development Board, P. O. Box 12386, Austin, Texas 78711		State of Texas WATER WELL REPORT	For TWDB use only Well No. _____ Located on map _____ Received: _____
1) OWNER: Person having well drilled <u>LIONO CEMETERY</u> (Name) Address <u>AMARILLO, TEXAS</u> (Street or RFD) (City) (State)		Landowner <u>(SAME)</u> (Name) Address _____ (Street or RFD) (City) (State)	
2) LOCATION OF WELL: County <u>AMARILLO</u> miles in _____ direction from <u>AMARILLO</u> (Town) (N.E., S.W., etc.)			
Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* <div style="text-align: center;">(Use reverse side if necessary)</div>		Give legal location with distances and directions from adjacent sections or survey lines. Labor _____ League _____ Block _____ Survey _____ Abstract No. _____ (NW¼ NE¼ SW¼ SE¼) of Section _____	
3) TYPE OF WORK (Check): <input type="checkbox"/> New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Plugging		4) PROPOSED USE (Check): <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other	
5) TYPE OF WELL (Check): <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Cable <input type="checkbox"/> Jetted <input type="checkbox"/> Bored			
6) WELL LOG: Diameter of hole <u>24</u> in. Depth drilled <u>320</u> ft. Depth of completed well <u>320</u> ft. Date drilled <u>8-31-71</u> All measurements made from <u>0</u> ft. above ground level. <u>06-50-704</u>			
From To Description and color of formation material		9) CASING: Type: Old <input type="checkbox"/> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Plastic <input type="checkbox"/> Other Cemented from _____ ft. to _____ ft.	
<u>0-4 Top Soil</u>		Diameter (inches) _____ Setting From (ft.) To (ft.) Gage	
<u>4-32 Salich</u>		<u>12 3/4</u>	
<u>32-59 sand + sandy clay</u>		10) SCREEN: Type _____	
<u>59-84 Clay, layers of sand</u>		Perforated _____ Slotted _____	
<u>84-169 Med. Coarse sand, layers of clay + sandrock</u>		Diameter (inches) _____ Setting From (ft.) To (ft.) Slot Size	
<u>169-180 Med. Coarse sand + gravel</u>		<u>12 3/4</u>	
<u>180-211 Clay, layers of sand, rock + fine sand.</u>		11) WELL TESTS: Was a pump test made? Yes No If yes, by whom? Yield: _____ gpm with _____ ft. drawdown after _____ hrs. Bailer test _____ gpm with _____ ft. drawdown after _____ hrs. Artesian flow _____ gpm Temperature of water _____	
<u>211-228 Clay</u>		12) WATER QUALITY: Was a chemical analysis made? Yes No Did any strata contain undesirable water? Yes No Type of water? _____ depth of strata _____	
<u>228-238 Coarse sand + gravel, clay</u>			
<u>238-262 (Use reverse side if necessary) (Over)</u>			
7) COMPLETION (Check): Straight wall <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Other _____ Under reamed <input type="checkbox"/> Open Hole <input type="checkbox"/>			
8) WATER LEVEL: Static level _____ ft. below land surface Date _____ Artesian pressure _____ lbs. per square inch Date _____ Depth to pump bowls, cylinder, jet, etc., <u>300</u> ft. below land surface.			
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.			
NAME <u>GEORGE W. GREEN</u> (Type or Print) Water Well Drillers Registration No. <u>616</u>		ADDRESS <u>601658</u> (Street or RFD) <u>PLAINVIEW</u> (City) <u>TEXAS</u> (State)	
(Signed) <u>George W. Green</u> (Water Well Driller)		<u>GREEN Machinery Co., Inc.</u> (Company Name)	
Please attach electric log, chemical analysis, and other pertinent information, if available.			

*Additional instructions on reverse side.

TWDBE-(W-53)

403
06-50-704

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

262 - 307 Clay, sand, rock, layers of med. coarse sand.
307 - 314 Clay
314 - 320 Blue Clay, red bed.

06-50-403

RECORDED
SEP 10 1972
Central Records
Texas Water Development Board

rptWellReview

MAP ID

5

See Attachments

rptWellReview

STATE OF TEXAS WELL REPORT for Tracking #96854

Owner:	BNSF Railway Co.	Owner Well #:	B-2 thru B-13
Address:	4200 Deen Rd Ft Worth , TX 76106	Grid #:	06-50-5
Well Location:	1001 SE 3rd Street Amarillo , TX	Latitude:	35° 11' 36" N
Well County:	Potter	Longitude:	101° 49' 48" W
Elevation:	No Data	GPS Brand Used:	No Data
Type of Work:	New Well	Proposed Use:	Environmental Soil Boring

Drilling Date: Started: **5/31/2006**
Completed: **5/31/2006**

Diameter of Hole: Diameter: **2.5 in From Surface To 6 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: Other: **plugged**

Annular Seal Data: 1st Interval: **From 0 ft to 6 ft with 1-3/8 bent chps (#sacks and material)**
2nd Interval: **No Data**
3rd Interval: **No Data**
Method Used: **Positive Placement**
Cemented By: **Peterson Drilling & Testing, Inc**
Distance to Septic Field or other Concentrated Contamination: **No Data**
Distance to Property Line: **No Data**
Method of Verification: **No Data**
Approved by Variance: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: Casing or Cement/Bentonite left in well: **No Data**

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company: **Peterson Drilling & Testing, Inc.**

rptWellReview

Information: **P O Box 30699
Amarillo , TX 79120**

Driller License Number: **54243**

Licensed Well Driller Signature: **Roy Wedell**

Registered Driller Apprentice Signature: **Charles Johnson**

Apprentice Registration Number: **3267**

Comments: **No Data**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking #96854) on your written request.

**Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880**

DESC. & COLOR OF FORMATION MATERIAL

CASING, BLANK PIPE & WELL SCREEN DATA

From (ft) To (ft) Description
0 - 4 - Reddish Brown Silty Clay
4 - 6- Fine Gravel with Coarse Sand

No Data

rptWellReview

STATE OF TEXAS WELL REPORT for Tracking #96851

Owner:	BNSF Railway Co.	Owner Well #:	B-1
Address:	4200 Deen Rd Ft Worth , TX 76106	Grid #:	06-50-5
Well Location:	1001 SE 3rd Street Amarillo , TX	Latitude:	35° 11' 36" N
Well County:	Potter	Longitude:	101° 49' 48" W
Elevation:	No Data	GPS Brand Used:	No Data
Type of Work:	New Well	Proposed Use:	Environmental Soil Boring

Drilling Date: Started: **5/31/2006**
Completed: **5/31/2006**

Diameter of Hole: Diameter: **2.5 in From Surface To 30 ft**

Drilling Method: Other: **Direct Push**

Borehole Completion: Other: **plugged**

Annular Seal Data: 1st Interval: **From 0 ft to 30 ft with 3-3/8 bent chps (#sacks and material)**
2nd Interval: **No Data**
3rd Interval: **No Data**
Method Used: **Positive Placement**
Cemented By: **Peterson Drilling & Testing, Inc**
Distance to Septic Field or other Concentrated Contamination: **No Data**
Distance to Property Line: **No Data**
Method of Verification: **No Data**
Approved by Variance: **No Data**

Surface Completion: **No Data**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **No Data**

Plugging Info: Casing or Cement/Bentonite left in well: **No Data**

Type Of Pump: **No Data**

Well Tests: **No Data**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

Company: **Peterson Drilling & Testing, Inc.**

rptWellReview

Information: **P O Box 30699**
Amarillo , TX 79120

Driller License Number: **54243**

Licensed Well Driller Signature: **Roy Wedell**

Registered Driller Apprentice Signature: **Charles Johnson**

Apprentice Registration Number: **3267**

Comments: **No Data**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking #96851) on your written request.

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

CASING, BLANK PIPE & WELL SCREEN DATA

From (ft) To (ft) Description
0 - 4 - Reddish Brown Silty Clay
4 - 16- Fine Gravel with Coarse Sand
16-18- Brown Silty Clay
18-30- Fine Gravel with Coarse Sand

No Data

MAP ID
6

and original copy by
certified mail to the
State Water Conservation Board
P.O. Box 24007
Austin, Texas 78711

State of Texas
WATER WELL RECORD

For RWB use only
Well No. 06-50-574
Located on map YES
Received 7/7

WELL:
Recent hand-dug well drilled Whittenburg & Banks Address 1st Natl Bank Bldg Amarillo Tex.
(Name) (Street or Rm) (City) (State)
Location (same) (same) (same)
(Name) (Street or Rm) (City) (State)

LOCATION OF WELL:
County Randall Section 4 Range S. 10 Direction from Amarillo
(Township) (Range) (Section) (Town)
Locate by check map showing landmarks, roads, creeks,
highway numbers, etc. (Other legal location with distances and directions from
adjacent sections or survey lines.)
Lot or Block 2 Corner Survey A B & M
Subtract No. _____
OWB DEA SE SW 1/4 Section 153

TYPE OF WELL (Class)	Direction	APPROVED USE (Check)	Construction (Check)	Material	Drive or Well (Check)	Other
Neighboring	Residential	Domestic	Individual	Concrete	Rotary	Other
Recreational	Mineral	Irrigation	Open Well	Asphalt	Cable	Bored
		Other Well		Other		

WELL LOG:
Number of holes 4 Depth drilled 340 ft. Depth of completed well 322 ft. Date drilled 1/23/79
All measurements from _____ ft. above ground level.

From (ft.)	To (ft.)	Description of material or formation	9) Casing Type	10) Screen Type	11) Other Notes
			4" 5/8"	6"	322' 060' 36/ft
0	3	topsoil			
3	420	caliche & sandy caliche			
420	428	sand			
428	445	sand & sandstone			
445	470	gravel (med. to lg.)			
		& sand			
470	486	red clay			
486	203	green shale w/ some sandstone			
203	202	red clay			
202	253	red clay w/ sand stringers (light fine)			
253	280	light fine sand			
280	323	red clay			
323	340	light red soft clay			

12) OBSERVATIONS (Check):
 12a) Ground water: Open Well Other
 12b) WATER LEVELS:
 Static level _____ ft. below land surface. Date _____
 Artesian pressure _____ lbs. per square inch. Date _____
 Depth to phreatic, confined, per. etc. _____ ft.
 Depth land surface _____
 12c) OTHER OBSERVATIONS:
 Was cement/contaminated? Yes No. If yes, by whom _____
 Is there any gas or oil? Yes No. If yes, what? _____
 Is there any gas or oil? Yes No. If yes, what? _____
 Temperature of water _____
 12d) OTHER OBSERVATIONS:
 Was mechanical equipment used? Yes No.
 Do any strata contain undesirable matter? Yes No.
 Type of screen _____ Depth of screen _____

I hereby certify that this well was drilled under my supervision and that each and all of the statements herein are true to the best of my knowledge and belief.

Well No. 06-50-574
Name Golden Spring Section 4 Range S. 10 Direction from Amarillo
(City) (Township) (Range) (Town)
Address 2504 N. Third Canyon Texas
(City) (County) (State)
Signed Arthur R. Davis Currie Drilling Co.
(Water Well Driller) (Company Name)

Please attach showing map, aerial photos, and other pertinent information, if available.
 Additional instructions on reverse side.



MAP ID
7

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 06-50-30
Located on map YES
Received: C.F.S.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

1) OWNER Professional Landscape Serv. Co Address 34th & Coulter Amarillo, Texas
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Randall 1/2 block S. W. direction from Amarillo, Texas
(Town)

Legal description: Not Available
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

See attached map.

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check):
 Domestic Industrial Public Supply
 Irrigation Test Well Other _____

5) DRILLING METHOD (Check):
 Mud Rotary Air Hammer Driven Bored
 Air Rotary Cable Tool Jetted Other _____

6) WELL LOG: Date drilled 8-12-80

From (ft.)	To (ft.)	DIAMETER OF HOLE	
		Dia. (in.)	To (ft.)
		Surface	
		<u>12 1/2</u>	<u>312</u>

7) BOREHOLE COMPLETION:
 Open Hole Straight Wall Underreamed
 Gravel Packed Other _____
If Gravel Packed give interval ... from 0 ft. to 312 ft.

From (ft.)		To (ft.)		Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.)		Gage Casing Screen
								From	To	
0	28	28	48	Topsoil, Caliche						
		48	70	Dry brown sand						
		70	92	Brown sand & clay	5/8	New	Steel, Perf.	232	312	156
		92	114	Brown sand & clay						
		114	158	Brown sand Dry						
		158	202	Fine brown sand & sandstone						
		202	290	Fine brown sand						
		290	312	Red clay						
		312		Red bed TD						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 200 ft. below land surface Date 8-14-80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____

11) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? Yes No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Fresh Depth of strata 112
Was a chemical analysis made? Yes No

12) WELL TESTS:
 Type Test Pump Bailor Jetted Estimated
Yield: 25 gpm with 0 ft. drawdown after 3 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Jimmy McCall Water Well Driller's Registration No. 1771
(Type or Print)

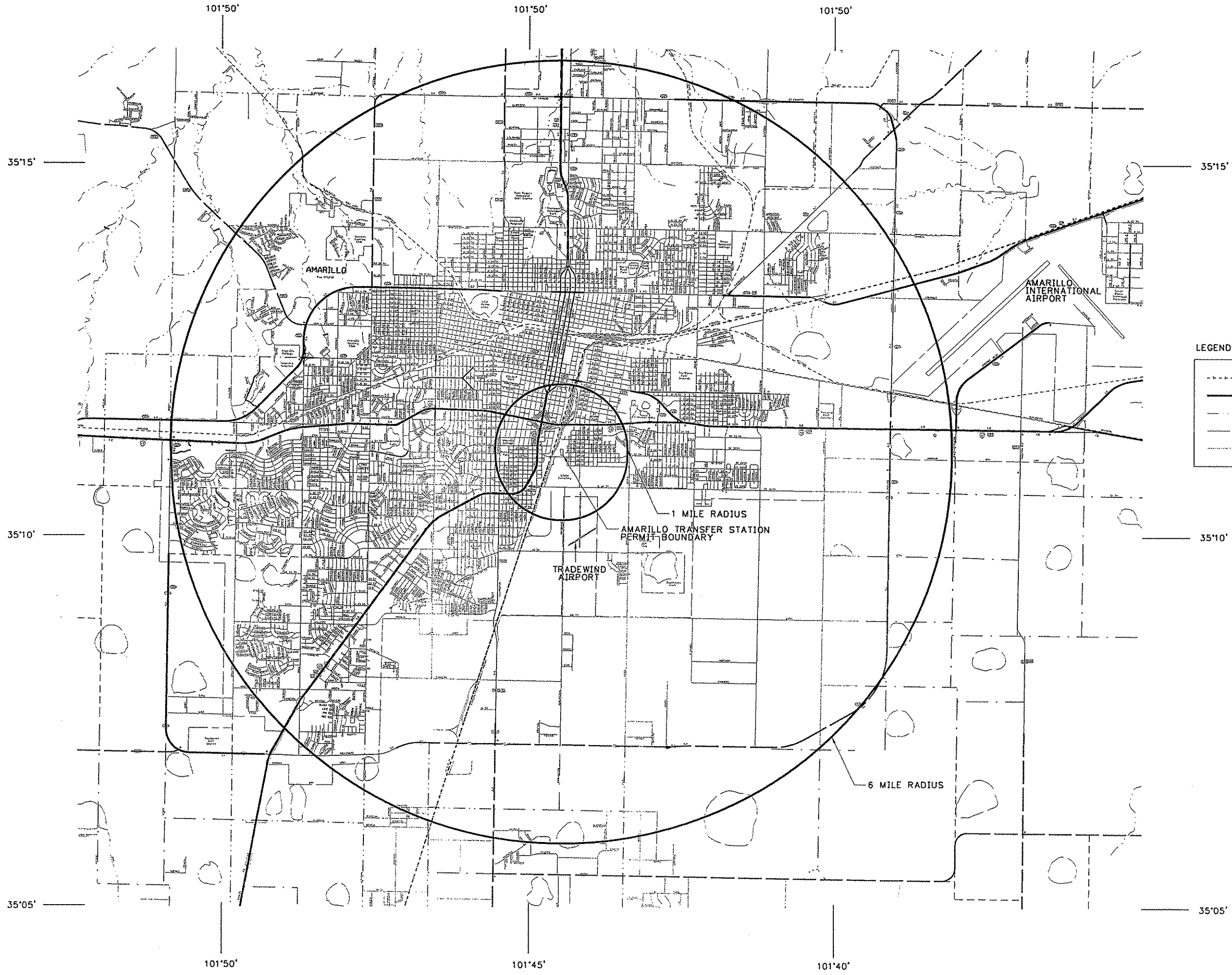
ADDRESS 8018 River Road 256 Amarillo Texas 79108
(Street or RFD) (City) (State) (Zip)

(Signed) Jimmy McCall McCall & A Drilling Company
(Water Well Driller) (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.



PART II ATTACHMENTS



LEGEND:

- RAILROAD TRACKS
- HIGHWAY
- CREEK
- CITY LIMITS
- CITY ROADS

0 4000 8000
 SCALE IN FEET

↑
 N

NO.	REVISION	BY	DATE

VERIFIED SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE

1" = 4000'

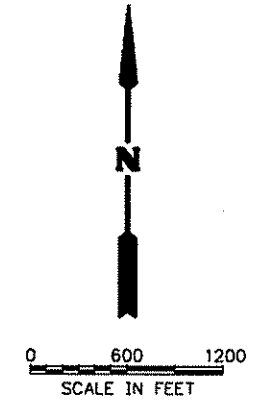
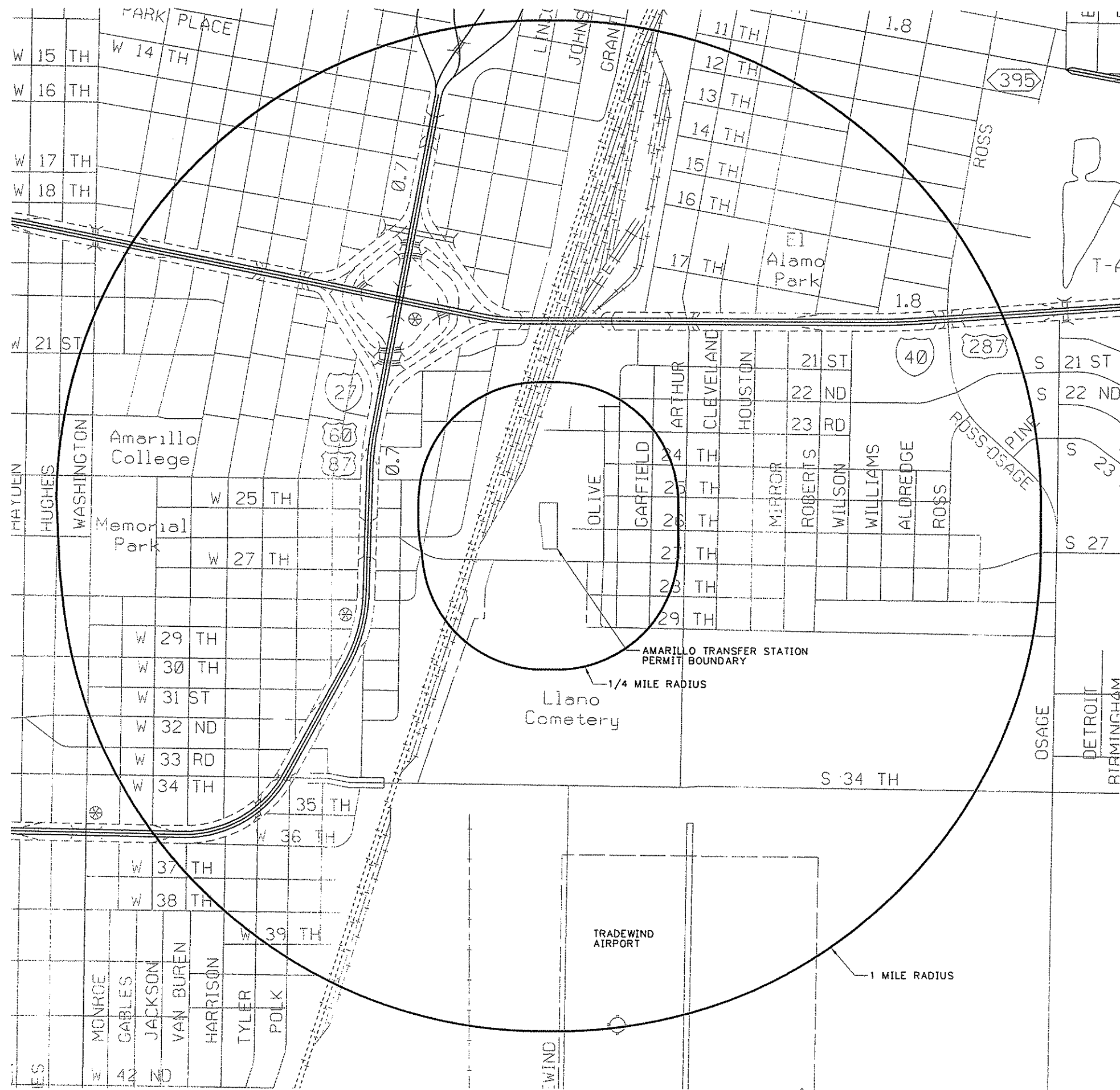
DATE: DECEMBER 2008
 DESIGNED: F. PUGSLEY, P.E.
 DRAWN: S. SATTANARAYAN
 REVIEWED: W. HINDMAN, P.E.
 CP&Y Project No. 07051

CITY OF AMARILLO, TEXAS
 CP&Y Chiang, Patel & Yerby, Inc.



F. Pugsley, P.E.
 1/6/09

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REGULATORY REVIEW ONLY AND IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.



LEGEND:

	RAILROAD TRACK
	HIGHWAY
	CITY LIMIT

NOTE:

NO HOSPITALS, SCHOOLS, LICENSED DAY CARE FACILITIES, PONDS, LAKES, SPRINGS OR STREAMS WERE FOUND WITHIN ONE MILE OF THE SITE BOUNDARY.

NO INTAKE OR DISCHARGE STRUCTURES WERE FOUND WITHIN ONE MILE OF THE SITE BOUNDARY.

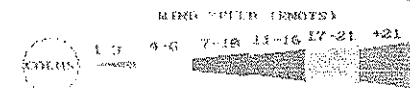
NO ARCHAEOLOGICAL, HISTORICAL, OR SITES WITH EXCEPTIONAL AESTHETIC VALUE WERE FOUND ADJACENT TO THE SITE BOUNDARY.

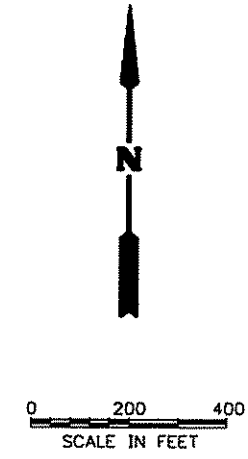
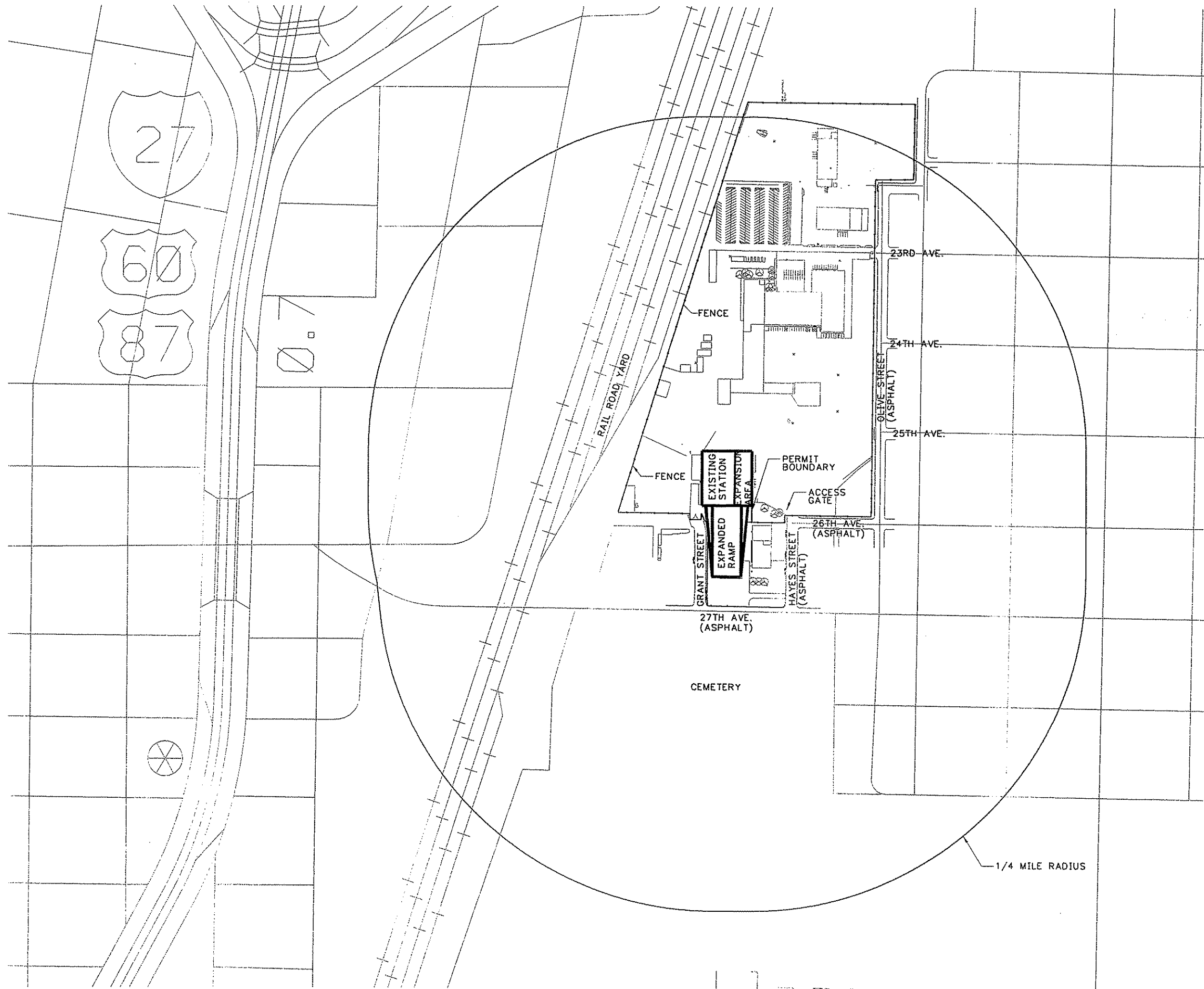
TEXAS WATER DEVELOPMENT BOARD (TWDB) RECORDS DOCUMENT SEVEN GROUNDWATER WELLS WITHIN ONE MILE OF SITE BOUNDARY. SEE APPENDIX II-H

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REGULATORY REVIEW ONLY AND IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.

NOTE: Frequencies indicate direction from which the wind is blowing.

WIND SPEEDS (MPH)





LEGEND:

- ++++ RAILROAD TRACKS
- CITY ROADS
- ▭ BUILDING
- ⊙ TREE
- FENCE
- - - PERMIT BOUNDARY

NOTE:

THERE ARE NO DRAINAGE, PIPELINE OR UTILITY EASMENTS WITHIN OR ADJACENT TO THE FACILITY

F. Pugsley, P.E.
 1/6/09



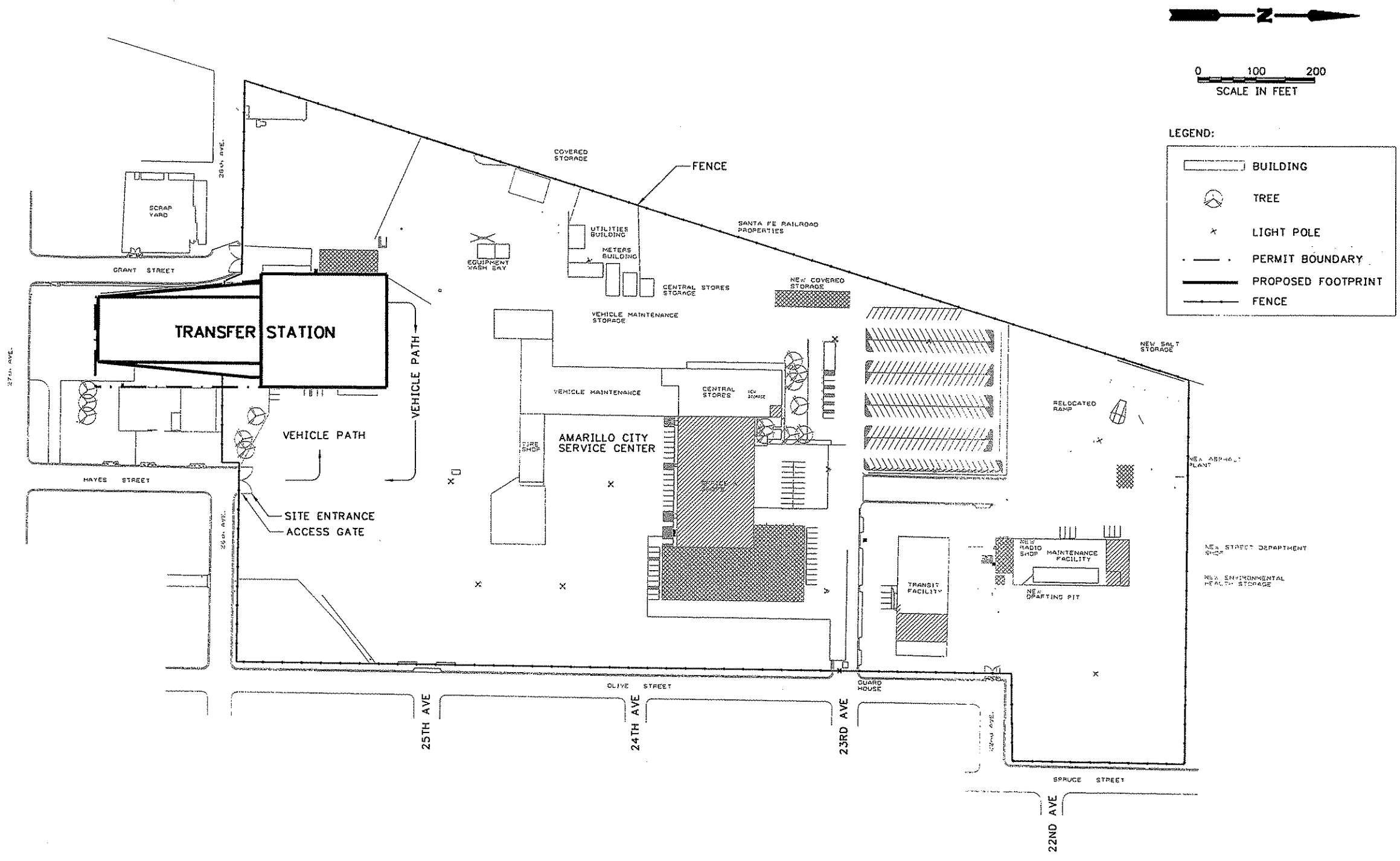
NO.	REVISION	BY	DATE

CITY OF AMARILLO, TEXAS
 CP&Y Chiang, Patel & Yerby, Inc.

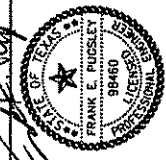
CITY OF AMARILLO
 SOLID WASTE TRANSFER STATION
 PERMIT AMENDMENT
 GENERAL LOCATION MAP III

Date: DECEMBER 2008
 Designed: F. PUGSLEY, P.E.
 Drawn: S. SATYANARAYAN
 Reviewed: W. HINDMAN, P.E.
 CP&Y Project No. 07051

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REGULATORY REVIEW ONLY AND IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.



R.F. Pugsley
 1/6/09



NO.	REVISION	BY	DATE

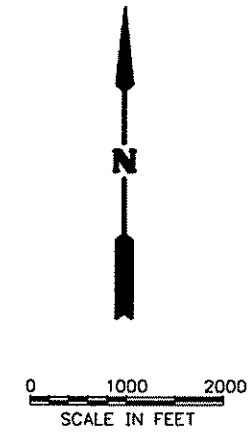
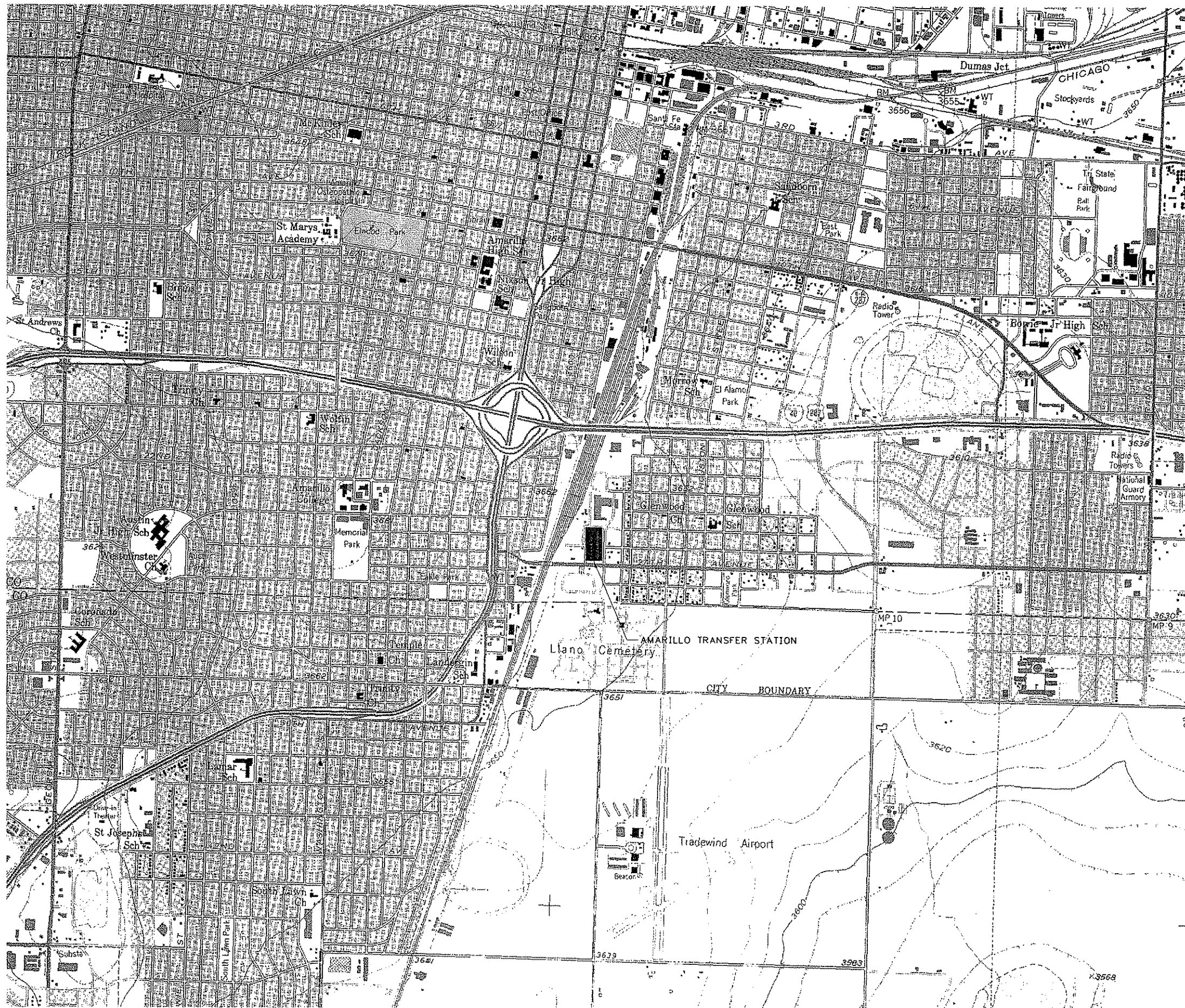
BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE.
 VERIFY SCALE: 0 1"

CITY OF AMARILLO, TEXAS
 CP&Y Chiang, Patel & Yerby, Inc.

CITY OF AMARILLO
 SOLID WASTE TRANSFER STATION
 PERMIT AMENDMENT
 FACILITY LAYOUT

Date: DECEMBER 2008
 Designed: F. PUGSLEY, P.E.
 Drawn: S. SATYANARAYAN
 Reviewed: W. HINDMAN, P.E.
 CP&Y Project No. 07051

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REGULATORY REVIEW ONLY AND IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.



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

SOURCE:
 MAPPED, EDITED, AND PUBLISHED BY THE GEOLOGICAL SURVEY CONTROL BY USGS AND NOS/NOAA.

TOPOGRAPHY FROM AERIAL PHOTOGRAPHS BY KELSH PLOTTER AND BY PLANETABLE SURVEYS 1956.

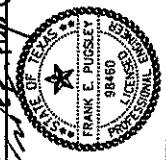
POLYCONIC PROJECTION, 1927 NORTH AMERICAN DATUM 10,000-FOOT GRID BASED ON TEXAS COORDINATE SYSTEM, NORTH ZONE 10,000-METER UNIVERSAL TRANSVERSE MERCATOR GRID TICKS, ZONE 14.

Frank E. Pugsley
 1/6/09

NO.	REVISION	BY	DATE

VERIFY SCALE
 0 1" = ONE INCH ON THIS SHEET. ADJUST SCALE NOT ONE INCH ON THIS SHEET. ADJUST SCALE

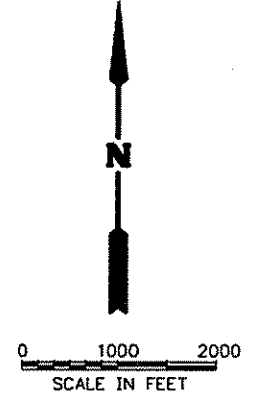
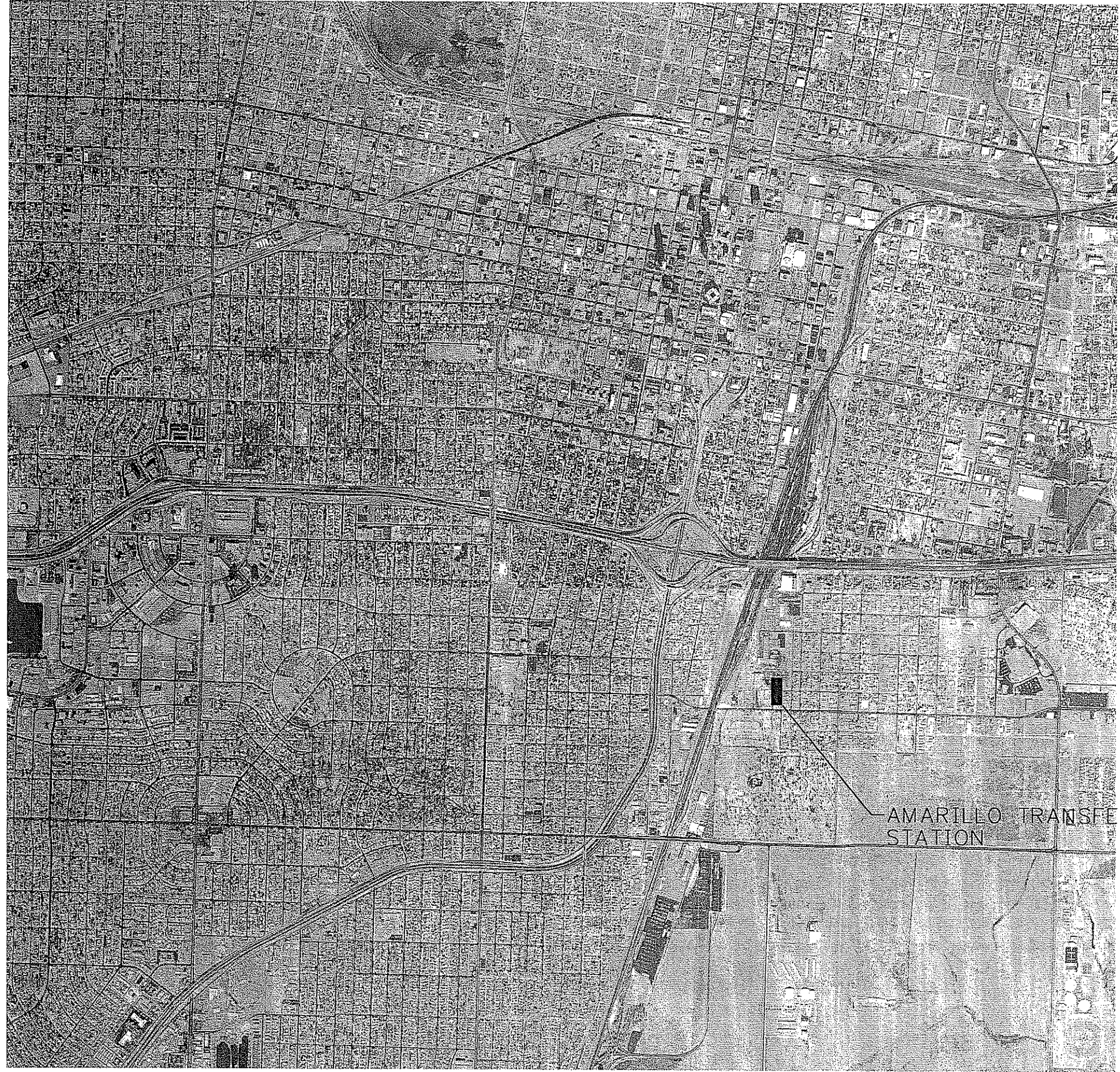
CITY OF AMARILLO, TEXAS
CP&Y Chiang, Patel & Yerby, Inc.



CITY OF AMARILLO
SOLID WASTE TRANSFER STATION
PERMIT AMENDMENT
GENERAL TOPOGRAPHIC MAP

Date: DECEMBER 2008
 Designed: F. PUGSLEY, P.E.
 Drawn: S. SATYANARAYAN
 Reviewed: W. HINDMAN, P.E.
 CP&Y Project No. 07051

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REGULATORY REVIEW ONLY AND IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REGULATORY REVIEW ONLY AND IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.

NO.	REVISION	BY	DATE

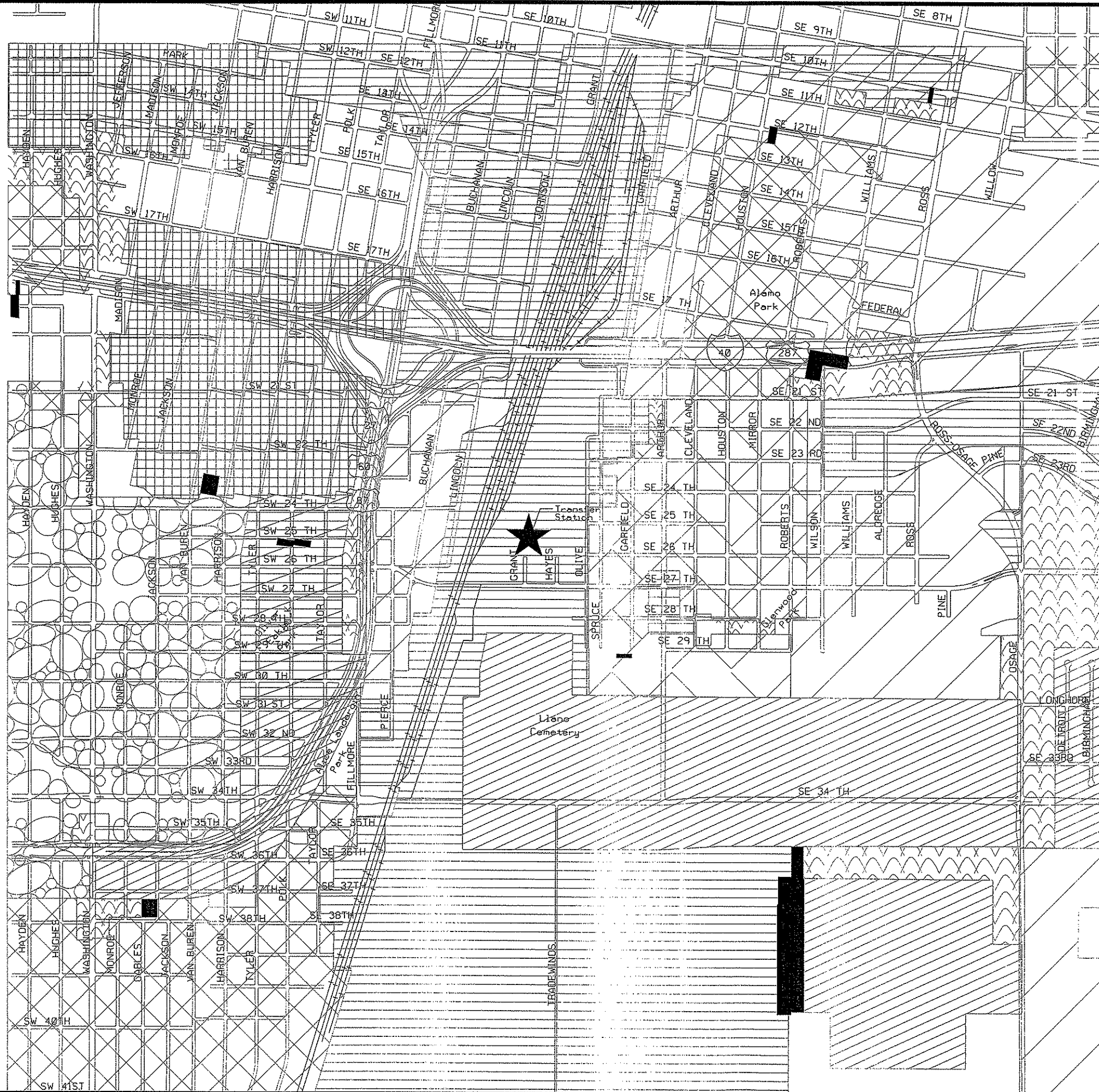
CITY OF AMARILLO
 SOLID WASTE TRANSFER STATION
 PERMIT AMENDMENT
 AERIAL PHOTOGRAPH

Date: DECEMBER 2008
 Designed: F.PUGSLEY, P.E.
 Drawn: F.PUGSLEY, P.E.
 Reviewed: W.HINDMAN, P.E.
 CP&Y Project No. 07051



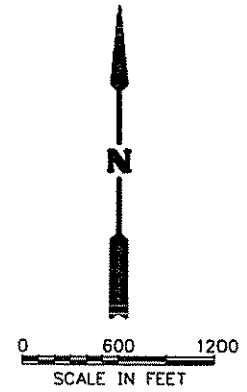
Frank E. Pugsley, P.E. 1/6/09

CITY OF AMARILLO, TEXAS
 CP&Y Chiang, Patel & Yerby, Inc.



LEGEND

- GR - General Retail District
- HC - Heavy Commercial District
- I1 - Light Industrial District
- LC - Light Commercial District
- MF1 - Multiple-Family District
- MF2 - Multiple-Family District
- MH - Manufactured Home District
- NS - Neighborhood Service District
- PD - Planned Development District
- R1 - Residential District
- R2 - Residential District
- R3 - Residential District



1/6/09
 P.E.

CITY OF AMARILLO, TEXAS		 89460 TEXAS PLANNING DEPARTMENT 1985	CP&Y Chiang, Patel & Yerby, Inc.
CITY OF AMARILLO SOLID WASTE TRANSFER STATION PERMIT AMENDMENT	ZONING MAP		
Date: DECEMBER 2008 Designed: F. PUGSLEY, P.E. Drawn: F. PUGSLEY, P.E. Reviewed: W. HINDMAN, P.E. CP&Y Project No. 07051	NO. _____ REVISION _____ BY _____ DATE _____	VERIFY SCALE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE.	
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REGULATORY REVIEW ONLY AND IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.		ATTACHMENT II-7	

CITY OF AMARILLO
CITY OF AMARILLO TRANSFER STATION
POTTER COUNTY, TEXAS

PART III

PERMIT AMENDMENT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
PERMIT NO.: MSW 76

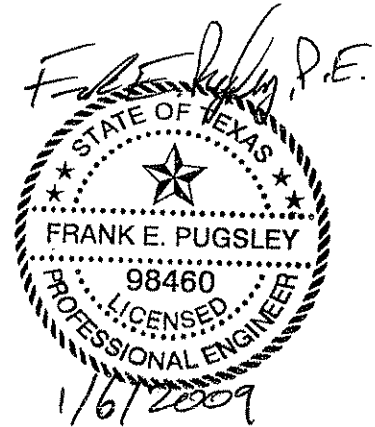
JANUARY 2009

Applicant:

City of Amarillo
P.O. Box 1971
Amarillo, Texas 79186

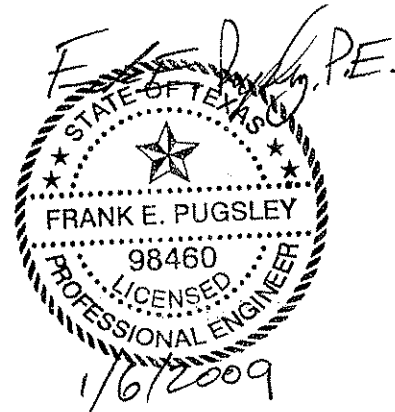
Prepared by:

Chiang, Patel & Yerby, Inc.
1820 Regal Row, Suite 200
Dallas, Texas 75235



PART III TABLE OF CONTENTS

1.	Introduction.....	1
2.	General Facility Design [§330.63(b)]	1
2.1	Facility Access.....	1
2.2	Waste Movement.....	1
2.3	Sanitation	3
2.4	Water Pollution Control.....	4
2.5	Endangered Species Protection	4
3.	Facility Surface Water Drainage Report [§330.63(c)].....	4
3.1	Drainage Analyses	4
3.2	Flood Control Analysis.....	6
4.	Waste Management Unit Design [§330.63(d)].....	6
4.1	Storage and Transfer Units	6
5.	Geology Report [§330.63(e)]	7
6.	Groundwater Sampling and Analysis Plan [§330.63(f)].....	7
7.	Landfill Gas Management Plan [§330.63(g)].....	8
8.	Closure Plan [§330.63(h)]	8
8.1	Closure Requirements	8
9.	Post Closure Plan [§330.63(i)]	9
10.	Cost Estimate for Closure and Post-Closure Care [§330.63(j)].....	9



TABLES

TABLE 3.3-1 – EXISTING DRAINAGE

TABLE 3.4-1 – PROPOSED DRAINAGE

APPENDICES

APPENDIX III-A – CLOSURE COST ESTIMATE

APPENDIX III-B – DRAINAGE CALCULATIONS

APPENDIX III-C – FINANCIAL ASSURANCE DOCUMENTATION

APPENDIX III-D – SUPPLEMENTARY TECHNICAL REPORT

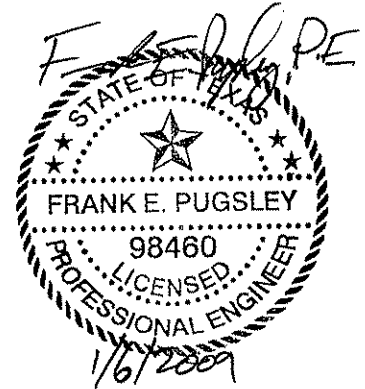
ATTACHMENTS

ATTACHMENT III-1 – PROCESS DESIGN

ATTACHMENT III-2 – EXISTING DRAINAGE MAP

ATTACHMENT III-3 – GENERAL CONSTRUCTION DETAILS I

ATTACHMENT III-4 – GENERAL CONSTRUCTION DETAILS II



1. Introduction

This permit amendment application for the City of Amarillo Solid waste Transfer Station has been prepared consistent with 30 Texas Administrative Code (TAC) Chapter 330 and includes this Site Development Plan (SDP) and its attachments prepared consistent with 30 TAC §330.63, as applicable.

The City of Amarillo is amending its Municipal Solid Waste Permit No. 76 to accomplish the expansion of the transfer station by expanding the existing facility. The Amarillo transfer station is expected to receive an average of approximately 1350 tons per day (tpd) of solid waste under normal conditions. The Amarillo Solid Waste Transfer Station is located at the intersection of East 26th Street and Grant Street in the City of Amarillo, Texas.

2. General Facility Design [§330.63(b)]

2.1 Facility Access

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 use of secure locked doors on the transfer station. Access to the remainder of the City's Service Center site is controlled by the existing 6' chain link fence around the entire site.

There is no public access to the facility. Vehicles transporting solid waste arriving at the facility will be directed to an unloading area within the Transfer Station by on-site personnel or signage. Operations will be conducted in a manner that allows the prompt and efficient unloading of waste. Transfer station personnel will be trained in the site safety and equipment operation.

Access to the site will be restricted to designated operational personnel, waste haulers authorized to use the facility, TCEQ personnel, and properly identified persons who have been authorized entry by the Facility Manager. Visitors will be accompanied on site by City operational personnel.

2.2 Waste Movement

Waste is accepted at the site only within the enclosed transfer station. The entrance and exit doors for the collection vehicles are sized so that vehicles have ample space to safely enter and exit the building. However, all of these doorways will be protected on each side with bollards to minimize damage by negligent drivers.

The current vertical clearance within the building between the tipping floor and any roof structural supports, electric lights, ventilation, or sprinkler system in the tipping floor area shall be maintained in the expanded portion of the structure. This will allow vehicle drivers to raise their vehicle rear doors to unload, and minimize any potential damage to

the roof structure or other parts of the facility in the roof area.

The unloading and waste storage area for the primary units will measure approximately 115-feet by 60-feet. The back-up or overflow area will measure approximately 60-feet by 60-feet. This gives the station a primary waste storage capacity of approximately 460 tons and overflow storage of 240 tons for a total of 700 tons of waste. (Assuming stored waste is 12-feet deep and weighs 300 pounds per cubic yard). Waste storage space does not interfere with vehicle maneuvering space within the building.

In the transfer trailer load-out area, the ramp width shall be expanded to accommodate a third transfer vehicle and waste compactor unit that would serve the expansion area. Sufficient ramp width is provided to allow proper alignment of the transfer vehicles when they back up to the compactor units.

Ventilation and Odor Control

Ventilation of the facility will be provided by the use of exhaust fans. Air will be drawn through a series of louvers and the open vehicle doors. The louver on the existing east wall of the building will be replaced by a louver in the east wall of the expansion area. No heating will be provided in the structure. Heat trace will be used to prevent any potable/non-potable pipes from freezing.

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.

The owner or operator will employ the following Odor Control measures:

- On-site buffer zones for odor control.
- Operate within an enclosed structure.

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

The facility will obtain authorization, under Subchapter U of this chapter (relating to Standard Air Permits for Municipal Solid Waste Landfill Facilities and Transfer Stations), as applicable, from the Air Permits Division.

General Construction Details

Electric and Telephone service is provided on site through existing service connections. Underground conduits are used to distribute power within the site.

The existing electrical service will be evaluated to determine the capacity to serve the new electrical loads. The conduit system shall be resistant to corrosion. The lighting

shall be controlled with the use of a lighting contactor allowing the switching of all switched lights from a common location. A number of lights shall be unswitched allowing the lights to remain on at night for safety reasons.

All onsite roadways are currently constructed of reinforced concrete or asphalt pavement. Access to the facility will not be changed and the existing onsite roadways used adequately carry loaded transfer vehicles and maximum axle loads of collection vehicles. Roadway alignment to and from the tipping floor level will accommodate the minimum turning radius of collection vehicles.

The expansion area of the transfer station will be constructed in the same manner as the existing facility, with reinforced concrete slab on grade floors and reinforced concrete push walls to protect the outside walls of the building.

Storage of Grease, Oil and Sludge

The facility does not accept waste grease, oil or sludge; therefore, no storage requirements have been set.

The City does have citizen recycling centers where used oil filters are accepted. These oil filters are processed at the Transfer Station. They are crushed and the residual oil removed from the filters is stored in suitable containers until a sufficient quantity is stockpiled so that it may be economically recycled. The oil is stored inside the Transfer Station structure, and any spills are contained and managed appropriately.

Effluent Discharge

Any effluent wastewaters generated as a result of any transfer operation will be contained within the transfer station structure and handled by the floor drain system, or washed through the compactors. This effluent passes through a grease and grit trap prior to being discharged to the City of Amarillo's wastewater treatment system.

Noise Pollution Control

The transfer station is located in a primarily industrial area, adjacent to a rail road switch yard; therefore, it is not anticipated that noise will pose a problem. To control noise resulting from the operations of the transfer station facility, operations will be conducted within a completely enclosed building. The only operation occurring outside the building is that of the transfer truck loading. This activity occurs below the surrounding ground elevation so that there is no direct line of sight to surrounding landowners, reducing auditory and visual impacts.

2.3 Sanitation

Storm water drainage in the vicinity of the transfer station will be directed away from the structure and collected by the existing system of channels, inlets and pipes at the site.

All working surfaces that come in contact with wastes will be washed down at least on a weekly basis. Walls and floors in operating areas shall be constructed of masonry, concrete, or other hard surfaced materials that can be hosed down and scrubbed.

Wash waters will not be allowed to accumulate on-site and all wash waters will be disposed of in the City of Amarillo's wastewater treatment system as described above.

Adequate connections and equipment to permit thorough cleaning with water or steam and adequate drainage to remove wash water are provided at the site.

2.4 Water Pollution Control

All of the liquids resulting from the operation of the solid waste processing facilities will be disposed of in a manner that will not cause surface water or groundwater pollution. Any contaminated water will be routed through a grease and grit trap and then discharged to the City of Amarillo wastewater system for proper treatment.

2.5 Endangered Species Protection

The operation of the site will neither contribute to nor cause the destruction or adverse modification of any critical habitats, nor will it contribute to or cause the taking of any endangered species or threatened species since the critical habitat of the endangered species is not found on the site.

Written requests were sent to the Texas Parks and Wildlife Department (TPWD) and the U.S. Fish and Wildlife Service (FWS) for their review of the site relative to endangered or threatened species or their critical habitat. Copies of the correspondence with TPWD and FWS are included in Appendix II-B.

3. Facility Surface Water Drainage Report [§330.63(c)]

The transfer station shall be designed, constructed, maintained and operated in accordance with §330.303, to manage run-on and runoff during 25-year design rainfall event, and shall prevent off-site discharge of waste material.

Surface water drainage in and around the transfer station shall be controlled to minimize surface water coming into contact with solid waste.

3.1 Drainage Analyses

In the event of a washout or failure as a result of storm water flow events, the City will restore and repair collection and drainage systems to ensure their continued operation. The entire site is comprised of hard surface pavements, so storm related damage is unlikely. Maintenance activities will be performed as required to correct damaged or deficient items noted during daily operations. These maintenance activities will be performed in a timely manner that is based upon weather and site specific conditions.

In general, the majority of the stormwater runoff generated within the permit boundary is a result of water discharged from roof scuppers and downspouts. This water then leaves the site via sheet flow and eventually is handled by the City’s street drainage system. The street drainage system has been adequate to handle the runoff throughout the site’s life, and this is not expected to change. The remainder of the onsite drainage is generated and contained within the transfer trailer loading ramp. This stormwater is collected in a trench drain and pumped into the City’s wastewater system. The sump pump will be adequately sized to handle the runoff generated by the 25-year 24-hour storm flow. The ramp area has a capacity to hold 1,806,441 gallons of water, and the design storm generates approximately 110,883 gallons of runoff to be contained.

All drainage calculations for the surface water flow have been designed for the 25 year storm event and are based on the rational method for areas less than 200 acres in size. Rainfall intensities and runoff coefficient data used are from the TxDOT Hydraulic Design Manual.

Through the calculations and analysis it can be determined that there is no significant difference between the existing drainage and the proposed drainage, and therefore the expansion of the facility will not adversely affect the site drainage patterns or maximum flows. The City’s street drainage system will remain adequate to manage the storm water discharge from the site. The Drainage calculations are included in Appendix III-B. The following table shows the existing and proposed drainage areas, sizes and runoff.

Table 3.3-1 Existing Drainage

Drainage Area	Size (acres)	Runoff (cfs)
A	2.295	10.3
B	0.469	3.1
C	1.438	9.6
D	1.016	6.8
Total	5.218	29.8

See Attachment III-2

Table 3.3-2 Proposed Drainage

Drainage Area	Size (acres)	Runoff (cfs)
A	2.033	9.1
B	0.876	5.8
C	1.406	9.4
D	0.904	6
Total		30.3

See Attachment III-2

Erosion and sedimentation control will be provided on site during construction activities

through means acceptable to the City of Amarillo Storm Water Pollution Prevention Plan (SWPPP) requirements. These may include silt fences or other acceptable means.

3.2 Flood Control Analysis

The site is not located within the 100 floodplain as illustrated by the FEMA flood map included in Attachment III-4.

4. **Waste Management Unit Design [§330.63(d)]**

4.1 Storage and Transfer Units

Facility Sizing

The facility will be designed to allow the dumping of refuse from collection vehicles directly into one of three (two currently) push pits for charging the stationary compactors, or to dump directly on the tipping floor for temporary storage. The facility will be designed to provide adequate storage space on the tipping floor for normal operations to avoid delays due to anticipated traffic volumes. All storage will be inside an enclosed building to control windblown material, odors, and vectors, thus preventing nuisances and public health hazards. The interior push walls in the building along the tipping floor are constructed of concrete. This will allow waste to be stored against the walls and moved to the load-out area without damage to the exterior walls of the building. The concrete push walls should be constructed to a height allowing up to 12 feet average depth of waste on the tipping floor for storage. Although normal daily operations will not require extensive storage capacity, the facility will be designed to provide floor storage capacity to provide maximum flexibility within the station for transfer operations downtime and collection vehicle peak delivery periods.

As the building is completely enclosed, it is important to provide adequate space for easy maneuvering of collection vehicles and loading equipment within the building. The building will be designed for one-way traffic of collection vehicles through the building. The collection vehicles will enter the building through an entrance door, pull into the building, turn 90 degrees, and back-up into the tipping floor area. After discharging their load, they will pull forward, and exit the building through a separate exit door. The vehicles will have sufficient maneuver space for the length of a vehicle plus minimum turning radius.

Facility Equipment

It is anticipated that the City will continue to utilize a front-end loader to move waste from the floor storage area to the modular push pits. It is of sufficient capacity to serve the new push pit as well as the current two pits. An additional piece of equipment with a clamshell type bucket will be investigated to assist in clearing materials that “bridge” over the charging hopper of the compactor at the end of the modular push pits. It will also be helpful to utilize a small loader type vehicle (e.g.:bobcat) and a roll-off container

in the load-out area to pick up spillage from the transfer vehicle loading operations. The existing transfer tractors and trailers will continue to be used to transport waste from the transfer station to the City's Landfill. As the quantity of waste increases in the future, it will be necessary to add additional tractors and trailers. A third push pit and compactor unit will be added in the expansion area. The mechanism for attaching the compactor to the transfer trailers should be similar to the existing system to avoid the requirement to retrofit the transfer trailers. At the same time that a new push pit and compactor is being acquired, the existing units will be evaluated for potential replacement at that time or in the future.

Facility Design Features

The building floor and push walls in the tipping floor area will be constructed of reinforced concrete. The existing tipping floor concrete does not include any special hardening products (i.e. Anviltop, fiber reinforced concrete, etc.), but they will be evaluated for the expanded tipping floor area. The frame and roof structure will be steel. There will be a roll-up door at the tipping floor level to control access to the facility. Various materials for the exterior wall of the expansion area will be evaluated and cost comparisons developed as a part of the design process. The materials to be evaluated for the new east and north exterior walls include brick, tilt-up concrete, and metal siding. The south wall of the expansion will be constructed of brick and will match the brick on the south wall of the current building.

The facility will be designed to control any spills and prevent contaminated water from leaving the facility. Spills collected by the floor drain system will pass through the grease and grit trap prior to being discharged to the City's wastewater collection and treatment system.

Unloading of Solid Waste

Incoming collection vehicles will be directed into the tipping floor area. Appropriate signing will be provided to direct vehicles to the entrance door of the facility. The unloading of waste within the facility will be directed by facility personnel.

In the event the transfer station is completely out of service, the collection vehicles will be directed to an appropriate landfill. Solid waste will not be allowed to remain on site for more than 48 hours.

5. Geology Report [§330.63(e)]

A Geology Report is not required for a Type V Solid Waste Transfer Station.

6. Groundwater Sampling and Analysis Plan [§330.63(f)]

Groundwater Sampling and Analysis plan is not required for a Type V Solid Waste Transfer Station.

The facility has been designed to prevent discharge of pollutants into the water in the State of Texas or the waters of the United States, as defined by the Texas Water Code and the Federal Clean Water Act.

7. Landfill Gas Management Plan [§330.63(g)]

Landfill Gas Management Plan is not applicable to Transfer Stations.

8. Closure Plan [§330.63(h)]

8.1 Closure Requirements

The Owner shall remove all waste, waste residues, and any recovered materials. Facility Units shall be dismantled and removed off-site or decontaminated. The Owner shall evacuate all materials on-site (feedstock, in process, and processed) to an authorized facility and disinfect all leachate handling units, tipping areas, processing areas, and post processing areas. Closure shall be complete within 180 days following the most recent acceptance of waste.

8.2 Certification of Final Closure

At least 90 days prior to the initiation of final closure activities, the owner shall provide public notice of the facility closure in the newspaper of largest circulation in the City. This notice shall provide the information required in 30 TAC §330.461 – Certification of Final Facility Closure. This information shall include the following:

- Name, address and physical location of the facility.
- The permit number.
- The last date of intended receipt of waste.

The Owner shall provide copies of the approved final closure and post-closures plans available for public access and review.

The Owner shall provide the Executive Director with written notification of the intent to close the facility. This notice shall become a part of the Operating Record.

Following the notice to the Executive Director, the Owner shall place at least one sign at the entrance and all other frequently used points of access to the facility notifying all persons who may use the facility of the date of closure for the transfer station, and the prohibition against further receipt of waste at the transfer station after the closure date.

Suitable barriers shall be installed at all access points to prevent unauthorized dumping of solid waste at the closed facility.

Within 10 days of the completion of final closure activities, the Owner shall submit to the

Executive Director by registered mail the following:

- A certification signed by an independent licensed professional engineer, verifying that final closure has been completed in accordance with the approved closure plan.
- A request for voluntary revocation of the permit.

If all wastes are removed from the facility as anticipated upon closure, the Owner may request permission from the Executive Director to remove any notations in the deed related to the MSW operations.

9. Post Closure Plan [§330.63(i)]

The City of Amarillo Solid Waste Transfer Station is intended to be a long term facility to serve the community and area. In lieu of Post-Closure care requirements, it is anticipated the City will voluntarily request for revocation of the facility permit for the permitted use as applicable and in accordance with 30 TAC §330.461.

10. Cost Estimate for Closure [§330.63(j)]

10.1 Closure Cost Estimate

Cost estimates are based today's dollars and on the costs required for a third party not affiliated with the City of Amarillo to perform all the required services to close the facility in accordance with the 30 TAC §330.505 and 30 TAC §330.63(h). The closure cost estimate is provided in Appendix III-A.

Financial assurance documentation is provided in Appendix III-C. The closure cost estimate will be updated as needed to address changes in facility conditions and other increases in closure costs.

Financial assurance will be maintained by the City until the executive director determines in writing that the site is closed.

10.2 Post-Closure Cost Estimate

It is anticipated the City will voluntarily request for revocation of the facility permit as applicable in accordance with 30 TAC §330.461, and therefore will not require a post-closure care period.

APPENDIX III-A
CLOSURE COST ESTIMATE

**CLOSURE COST ESTIMATE
AMARILLO TRANSFER STATION**

Description	Quantity	Unit	Unit Cost	Total Costs
1.0 Administration				
Site Survey and Review Closure Requirements	20	HR	\$ 85	\$ 1,700
Prepare Plans and Specs	32	HR	\$ 90	\$ 2,880
Bid/Contract Administration	32	HR	\$ 125	\$ 4,000
Clerical	10	HR	\$ 55	\$ 550
2.0 Dismantling Process Units				
State Administration	16	HR	\$ 125	\$ 2,000
Partial and full dismantling of equipment, signage, offices, shops sorters, conveyors, compactors.	80	HR	\$ 100	\$ 8,000
3.0 General clean-up				
Clean-up/Removal of waste stored on site	700	TONS	\$ 15	\$ 10,500
Transport and disposal of waste at an approved facility	700	TONS	\$ 24	\$ 16,800
Generally clean-up to include wash down, rinsing and disinfection of facility, removal, transport, treatment, and disposal of all wash down water/media, and vector control procedures	16	HR	\$ 65	\$ 1,040
Removal, treatment, and disposal of any contaminated soils, concrete, stormwater, or other contaminated materials on-site	24	HR	\$ 100	\$ 2,400
State administration of general clean-up of the site and process area	16	HR	\$ 125	\$ 2,000
4.0 Sign Installation and Security				
Sign manufacturing and installation	8	HR	\$ 50	\$ 400
Sign	1	EA	\$ 500	\$ 500
Secure access and barrier installation	16	HR	\$ 50	\$ 800
State Administration of sign installation	4	HR	\$ 125	\$ 500
5.0 Certification				
Sampling/testing/classification of waste (ash, liquids, sludge, other waste not readily identifiable as garbage, trash, refuse) including lab reports, chain of custody, quality assurance and quality control.	24	HR	\$ 65	\$ 1,560
Perform site Inspection and prepare certification of closure	8	HR	\$ 125	\$ 1,000
State Administration of Certification of Abandonment and completion of clean-up	32	HR	\$ 125	\$ 4,000
Closure Subtotal				\$ 60,630
Contingency fee	1	LS	15%	\$ 9,095
TOTAL ESTIMATED CLOSURE COST				\$ 69,725

APPENDIX III-B

DRAINAGE CALCULATIONS

EXISTING DRAINAGE AREA		
	Area, ft²	Area, ac
A	104,470	2.40
B	20,420	0.47
C	60,695	1.39
D	42,010	0.96
Total		5.22

PROPOSED DRAINAGE AREA		
	SQ ft area	Acres area
A	88,255	2.03
B	38,175	0.88
C	61,635	1.41
D	39,530	0.91
Total		5.22

EXISTING DRAINAGE AREAS**DRAINAGE AREA A**

Segment	Length	Start Elevation	End Elevation	Slope	tc
SA1	44	3661.8	3660.8	0.0225	0.62
SA2	11	3660.8	3660.3	0.0449	0.16
SA3	250	3660.3	3660.0	0.0010	7.84
SA4	305	3660.0	3659.8	0.0008	9.85
SA5	122	3659.8	3659.0	0.0061	2.24
SA6	72	3659.0	3658.0	0.0139	1.09
Total Length of the Segment, ft					805
Total tc along the longest length, min					22

Note: Using Kirpich Method

DRAINAGE AREA B

Segment	Length	Start Elevation	End Elevation	Slope	tc
SB1	44	3659.5	3655.0	0.1015	0.35
SB2	51	3655.0	3650.0	0.0974	0.40
SB3	51	3650.0	3645.0	0.0977	0.40
SB4	68	3645.0	3638.3	0.0994	0.49
Total Length of the Segment, ft					215
Total tc along the longest length, min					2

DRAINAGE AREA C

Segment	Length	Start Elevation	End Elevation	Slope	tc
SC1	88	3661.8	3661.0	0.0085	1.54
SC2	81	3661.0	3660.0	0.0123	1.25
SC3	87	3660.0	3659.0	0.0114	1.36
SC4	134	3659.0	3658.0	0.0074	2.24
SC5	96	3658.0	3657.3	0.0078	1.70
Total Length of the Segment, ft					487
Total tc along the longest length, min					8

DRAINAGE AREA D

Segment	Length	Start Elevation	End Elevation	Slope	tc
SD1	112	3661.8	3661.0	0.0067	2.03
SD2	82	3661.0	3660.0	0.0122	1.27
SD3	68	3660.0	3659.3	0.0110	1.15
Total Length of the Segment, ft					262
Total tc along the longest length, min					4

PROPOSED DRAINAGE AREAS

DRAINAGE AREA A

Segment	Length	Start Elevation	End Elevation	Slope	tc
SA1	44	3661.8	3660.8	0.02253	0.62
SA2	11	3660.8	3660.3	0.0449	0.16
SA3	250	3660.3	3660.0	0.0010	7.84
SA4	305	3660.0	3659.8	0.0008	9.85
SA5	122	3659.8	3659.0	0.0061	2.24
SA6	72	3659.0	3658.0	0.0139	1.09
Total Length of the Segment, ft					805
Total tc along the longest length, min					22

Note: Using Kirpich Method

DRAINAGE AREA B

Segment	Length	Start Elevation	End Elevation	Slope	tc
SB1	44	3659.5	3655.0	0.1018	0.35
SB2	50	3655.0	3650.0	0.0992	0.39
SB3	50	3650.0	3645.0	0.1005	0.38
SB4	64	3645.0	3638.3	0.1061	0.45
Total Length of the Segment, ft					208
Total tc along the longest length, min					2

DRAINAGE AREA C

Segment	Length	Start Elevation	End Elevation	Slope	tc
SC1	66	3661.5	3661.0	0.0076	1.29
SC2	37	3661.0	3660.0	0.0270	0.51
SC3	42	3660.0	3659.0	0.0239	0.58
SC4	187	3659.0	3658.0	0.0054	3.28
SC5	104	3658.0	3657.3	0.0072	1.87
Total Length of the Segment, ft					436
Total tc along the longest length, min					8

DRAINAGE AREA D

Segment	Length	Start Elevation	End Elevation	Slope	tc
SD1	52	3661.5	3661.0	0.0096	0.98
SD2	90	3661.0	3660.0	0.0111	1.42
SD3	67	3660.0	3659.3	0.0112	1.12
Total Length of the Segment, ft					210
Total tc along the longest length, min					4

EXISTING DRAINAGE AREA
CALCULATING Q FOR VARIOUS WATER SHED AREAS

STEP 1

DETERMINING AREA AND THE LONGEST TRAVEL PATH FOR WATER IN EACH WATERSHED AREA

	SQ ft area	Acres area
A	104470	2.398
B	20420	0.469
C	60695	1.393
D	42010	0.964
Total	227595	5.22

	Path length (ft)
A	805.1962
B	214.7451
C	487.06978
D	262.3483

STEP 2

DETERMINING TIME OF CONCENTRATION FOR EVERY AREA

Kirpich Method

$$t_c = 0.0078 * (\text{Max. length of flow})^{0.77} * (\text{Slope(ft/ft)})^{-0.385}$$

	Time of Concentration (min)
A	22
B	10
C	10
D	10

Note: if calculated t_c is less than 10 minutes, t_c is set to 10 minutes.

STEP 3

OBTAINING THE RAINFALL INTENSITIES FOR POTTER COUNTY FOR THE 25 AND 100 YEAR STORM

	INTENSITIES, in/hr	
	i_{25} (25 year event)	i_{100} (100 year event)
A	5	6.1
B	7.4	9
C	7.4	9
D	7.4	9

STEP 4

DETERMINATION OF RUNOFF COEFFICIENT (C)

Based on data from TXDOT hydraulic manual on Pg 5-33 a C value is assumed for Asphalt.

C = 0.9

STEP 5

CALCULATING THE PEAK DISCHARGE, Q IN cfs

Q = CIA

(cfs)	Based on i_{25}	Based on i_{100}
Q1	10.8	13.2
Q2	3.1	3.8
Q3	9.3	11.3
Q4	6.4	7.8
Total	29.62	36.1

PROPOSED DRAINAGE AREA
CALCULATING Q FOR VARIOUS WATERSHED AREAS

STEP 1

DETERMINING AREA AND THE LONGEST TRAVEL PATH FOR WATER IN EACH WATERSHED AREA

	SQ ft area	Acres area		Path length (ft)
A	88255	2.026	A	805.1962
B	38175	0.876	B	208.0137
C	61635	1.415	C	436.1853
D	39530	0.907	D	209.9445
	227595	5.22		

STEP 2

DETERMINING TIME OF CONCENTRATION FOR EVERY AREA

Kirpich Method

$$t_c = 0.0078 * (\text{Max. length of flow})^{0.77} * (\text{Slope}(\text{ft/ft}))^{-0.385}$$

	Time of Concentration (min)
A	22
B	10
C	10
D	10

STEP 3

OBTAINING THE RAINFALL INTENSITIES FOR DALLAS COUNTY FOR THE 25 AND 100 YEAR STORM

Using the values in the spread sheet given in tab "Texas 3b&d" values for rainfall intensities are obtained.

	INTENSITIES	
	i_{25} (25 year event, in/hour)	i_{100} (100 year event, in/hour)
A	5	6.1
B	7.4	9
C	7.4	9
D	7.4	9

STEP 4

DETERMINATION OF RUNOFF COEFFICIENT (C)

Based on data from TXDOT hydraulic manual on Pg 5-33 a C value is assumed for Asphalt.

C =

0.9

STEP 5

CALCULATING THE PEAK DISCHARGE, Q IN cfs

Q = CiA

(cfs)	Based on i_{25}	Based on i_{100}
Q1	9.1	11.1
Q2	5.8	7.1
Q3	9.4	11.5
Q4	6.0	7.4
Total	30.42	37.0

APPENDIX III-C

FINANCIAL ASSURANCE DOCUMENTATION



CITY OF AMARILLO

DIRECTOR OF FINANCE

LETTER FROM CHIEF FINANCIAL OFFICER

Executive Director
Texas Commission on Environmental Quality

Dear Sir:

I am the chief financial officer of City of Amarillo, P.O. Box 1971, Amarillo, TX 79105. This letter is in support of this local government's use of the financial test to demonstrate financial assurance, as specified in 30 Texas Administrative Code (TAC) Chapter 37.

1. This local government is the owner or operator of the following facilities for which financial assurance for closure, post closure, or corrective action is demonstrated through the financial test specified in 30 TAC §37.271. The current cost estimates covered by the test are shown for each facility:

	Solid Waste Transfer Station	Landfill	Satellite Site	Total
Petroleum Underground Tanks 03268	800 SE 23 rd Street Amarillo, TX	16250 Bezner Amarillo, TX	609 S. Pierce Amarillo, TX	
Permit Number	0076	0073	0005165	
Estimated Closure Costs	\$69,725	\$8,608,418		\$8,678,143
Estimated Post Closure Costs	0	1,881,285		1,881,285
Total	\$69,725	\$10,489,703		\$10,559,428

2. This local government guarantees, through the guarantee specified in 30 TAC §37.281 the current closure, post closure, or corrective action cost estimates of the following facilities owned or operated by (insert owner's name or operator's name). The current cost estimates so guaranteed are shown for each facility: NONE .

The fiscal year of this local government ends on September 30, 2007. The figures for the following items marked with an asterisk are derived from this local government's independently audited, year-end financial statements for the latest completed fiscal year, ended September 30, 2007.

RATIO INDICATORS OF FINANCIAL STRENGTH

1. Sum of current cost estimates
(total of all cost estimates shown in the paragraphs above) \$ N/A
- *2. Sum of cash and marketable securities \$ N/A
- *3. Total expenditures \$ N/A
- *4. Annual debt service \$ N/A

G:\Finance\Reports\Landfill fin test 2005

5. Environmental obligations assured by a financial test to demonstrate financial assurance in the following amounts under commission regulations and the Code of Federal Regulations (CFR) or state equivalent rules:

- (a) Municipal Solid Waste under 30 TAC Chapter 330 and 40 CFR Part 258 \$
- (b) Hazardous waste treatment, storage and disposal facilities under 30 TAC Chapter 335 and 40 CFR Parts 264 and 265 \$
- (c) Petroleum underground storage tanks under 30 TAC Chapter 334 and 40 CFR Part 280 \$
- (d) Underground Injection Control System facilities under 30 TAC Chapter 331 and 40 CFR Part 144 \$
- (e) PCB commercial storage facilities under 40 CFR Part 761 \$
- (f) Additional environmental obligations not shown above \$

Total (a)-(f) \$ N/A

*6. Total Annual Revenue \$ N/A

Indicate either "yes" or "no" to the following questions.

- 7. Is line 2 divided by line 3 greater than or equal to 0.05? (yes/no)
- 8. Is line 4 divided by line 3 less than or equal to 0.20? (yes/no)
- 9. Is line 5 divided by line 6 less than or equal to 0.43? (yes/no)

BOND RATING INDICATOR OF FINANCIAL STRENGTH

- 1. Sum of current cost estimates
(total of all cost estimates shown in the paragraphs above) \$ 10,559,428 (permits 0073 & 0076)
- 2. List the following information on all the outstanding, rated, unsecured general obligation bonds issued to the local government:
Current bond rating of most recent issuance and name of rating service AA + S&P
Date of issuance of bond: September 25, 2007
Date of maturity of bond: May 15, 2027
- 3. Environmental obligations assured by a financial test to demonstrate financial assurance in the following amounts under commission regulations and the Code of Federal Regulations (CFR) or state equivalent rules:
 - (a) Municipal Solid Waste under 30 TAC Chapter 330 and 40 CFR Part 258 \$ 10,559,428 (permits 0073 & 0076)
 - (b) Hazardous waste treatment, storage and disposal facilities under 30 TAC Chapter 335 and 40 CFR Parts 264 and 265 \$
 - (c) Petroleum underground storage tanks under 30 TAC Chapter 334 and 40 CFR Part 280 \$ 1,000,000
 - (d) Underground Injection Control System facilities under 30 TAC Chapter 331 and 40 CFR Part 144 \$
 - (e) PCB commercial storage facilities under 40 CFR Part 761 \$
 - (f) Additional environmental obligations not shown above \$

Total (a)-(f) \$ 11,559,428 (includes permits 0073, 0076 & underground tanks)
- *4. Total Annual Revenue \$ 204,994,998

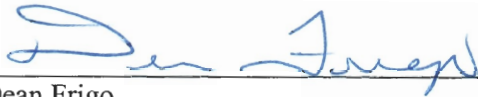
Indicate either "yes" or "no" to the following question.

5. Is line 3 divided by line 4 less than or equal to 0.43?

(yes/no)

I hereby certify that the wording of this letter is identical to the wording specified in 30 TAC §37.371 as such regulations were constituted on the date shown immediately below. I further certify the following: that the local government's financial statements are prepared in conformity with Generally Accepted Accounting Principles for governments, including conformance with General Accounting Standards Board Statement 18, and its financial statements have been audited by an independent Certified Public Accountant (CPA); that the local government has not operated at a deficit equal to 5.0% or more of total annual revenue in each of the past two fiscal years; that the local government is not in default on any outstanding general obligations bonds; that the local government does not have outstanding general obligations rated lower than Baa as issued by Moody's or BBB as issued by Standard and Poor's; and that the local government has not received an adverse opinion, disclaimer of opinion, or other qualified opinion from the independent CPA.

(Signature)



(Name) Dean Frigo

(Title) Finance Director

(Date) December 18, 2008



INDEPENDENT ACCOUNTANT'S REPORT

To the Honorable Mayor and
Members of the City Commission
City of Amarillo, Texas

We have examined the City of Amarillo's compliance with Chapter 37, Sub Chapter C, Rule §37.271, paragraph (1)(c)(i), (ii) and (v), of the Texas Administrative Code, with the Texas Commission on Environmental Quality insofar as they relate to the financial test required of the local government, during the year ended September 30, 2007. Management is responsible for the City of Amarillo's compliance with those requirements. Our responsibility is to express an opinion on the City of Amarillo's compliance based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants and, accordingly, included examining, on a test basis about the City of Amarillo's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our examination provides a reasonable basis for our opinion. Our examination does not provide a legal determination on the City of Amarillo's compliance with specified requirements.

In our opinion, the City of Amarillo complied, in all material aspects, with the aforementioned requirements for the year ended September 30, 2007.

This report is intended solely for the information and use of management of the City of Amarillo, Texas and the Texas Natural Resources Conservation Commission and is not intended to be and should be used by anyone other than these specified parties.

Connor, McMillon, Mitchell & Shennum, PLLC

Amarillo, Texas
December 22, 2008



December 18, 2008

Mr. Van E. Hagan, P.E.
Assistant Director of Public Works
City of Amarillo
P.O. Box 1971
Amarillo, TX 79105-1971

Re: Solid Waste Transfer Station Closure Cost Estimate

Dear Mr. Hagan:

In response to your request for documentation supporting the increased cost of closure for the City's Solid Waste Transfer station, I am enclosing a copy of our Closure Cost Estimate. Our estimate for cost of closure is \$69,725.

Should you need more information, or have any questions regarding the estimate, please give me a call at 214-589-6903.

Sincerely,
CP&Y, Inc.

A handwritten signature in blue ink that reads 'Frank E. Pugsley, P.E.'.

Frank E. Pugsley, P.E.

Cc: Michael Rice, P.E.

Chiang, Patel & Yerby, Inc.

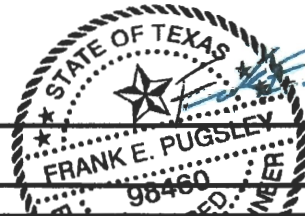
1820 Regal Row, Suite 200
Dallas, Texas 75235

214.638.0500 • 214.638.3723 fax
www.cpyi.com



01/05/2009

**CLOSURE COST ESTIMATE
AMARILLO TRANSFER STATION**



Description	Quantity	Unit	Unit Cost	Total Costs
1.0 Administration				
Site Survey and Review Closure Requirements	20	HR	\$ 85	\$ 1,700
Prepare Plans and Specs	32	HR	\$ 90	\$ 2,880
Bid/Contract Administration	32	HR	\$ 125	\$ 4,000
Clerical	10	HR	\$ 55	\$ 550
2.0 Dismantling Process Units				
State Administration	16	HR	\$ 125	\$ 2,000
Partial and full dismantling of equipment, signage, offices, shops sorters, conveyors, compactors.	80	HR	\$ 100	\$ 8,000
3.0 General clean-up				
Clean-up/Removal of waste stored on site	700	TONS	\$ 15	\$ 10,500
Transport and disposal of waste at an approved facility	700	TONS	\$ 24	\$ 16,800
Generally clean-up to include wash down, rinsing and disinfection of facility, removal, transport, treatment, and disposal of all wash down water/media, and vector control procedures	16	HR	\$ 65	\$ 1,040
Removal, treatment, and disposal of any contaminated soils, concrete, stormwater, or other contaminated materials on-site	24	HR	\$ 100	\$ 2,400
State administration of general clean-up of the site and process area	16	HR	\$ 125	\$ 2,000
4.0 Sign Installation and Security				
Sign manufacturing and installation	8	HR	\$ 50	\$ 400
Sign	1	EA	\$ 500	\$ 500
Secure access and barrier installation	16	HR	\$ 50	\$ 800
State Administration of sign installation	4	HR	\$ 125	\$ 500
5.0 Certification				
Sampling/testing/classification of waste (ash, liquids, sludge, other waste not readily identifiable as garbage, trash, refuse) including lab reports, chain of custody, quality assurance and quality control.	24	HR	\$ 65	\$ 1,560
Perform site Inspection and prepare certification of closure	8	HR	\$ 125	\$ 1,000
State Administration of Certification of Abandonment and completion of clean-up	32	HR	\$ 125	\$ 4,000
Closure Subtotal				\$ 60,630
Contingency fee	1	LS	15%	\$ 9,095
TOTAL ESTIMATED CLOSURE COST				\$ 69,725

Partners for a Better Quality of Life



**STANDARD
& POOR'S**

PUBLIC FINANCE

City of Amarillo, Texas

Primary Credit Analysts:

Paul Jasin
Dallas
(1) 214-871-1424
paul_jasin@
standardandpoors.com

Secondary Credit Analysts:

Sarah Smaardyk
Dallas
(1) 214-871-1428
sarah_smaardyk@
standardandpoors.com

Credit Profile

US\$25. mil Combination Tax and Revenue Certificates of Obligation, Series 2007
dated 08/15/2007, due 02/15/2027

<i>Long Term Rating</i>	AA+/Stable	New
Outstanding GO Bonds, Various Series (FGIC)		
<i>Unenhanced Rating</i>	AA+(SPUR)/Stable	Affirmed

Rationale

Standard & Poor's Ratings Services assigned its 'AA+' standard long-term rating, and stable outlook, to Amarillo, Texas' series 2007 combination tax and revenue certificates of obligation and affirmed its 'AA+' Standard & Poor's underlying rating (SPUR), with a stable outlook, on the city's parity debt.

The ratings reflect the city's:

- Regional retail, medical, and service center;
- Stable and diversifying economic base;
- Steady property tax base growth;
- Consistently strong financial performance and position; and
- Low overall debt burden, coupled with limited additional capital needs.

Below-average income levels, offset, in part, by a lower cost of living and a low tax rate, mitigate these strengths.

The city's full faith and credit pledge secures the bonds.

Amarillo, with a population of about 188,000, is in the Texas Panhandle. The city acts as the retail, medical, and service center for areas of Texas, Oklahoma, and New Mexico. Lubbock, Texas, the nearest large city, is 119 miles to the south. Agriculture — including cattle, feedlot operations, wheat, and feed grains — dominate Amarillo's economy, making the city more susceptible to economic variables directly related to the agribusiness sector. The city.

**RatingsDirect
Publication Date**
Aug. 14, 2007

Amarillo, Texas

however, developed a substantial regional service component over time. Interstate 40 intersects with I-27 in the city, producing substantial trade and services demand. In addition, a diverse group of manufacturers helps provide a cushion against the agriculture industry's cyclical nature. Leading employers include:

- IBP Inc. Tyson Foods (3,700 employees),
- Baptist/St. Anthony's Health Systems (2,900),
- Northwest Texas Healthcare (1,797), and
- Wal-Mart Stores Inc. supercenters (1,605).

In 2006, Bell Helicopter Textron completed the fourth phase of construction on its Tiltrotor Assembly Center, bringing its total facilities in Amarillo to more than 380,000 square feet. The company currently employs about 1,100, which management expects to increase to 1,700 by 2011. Bell Helicopter received formal authorization from the Pentagon's Defense Acquisition Board to proceed with the H-1 Helicopter Upgrade program, which will result in the construction of about 280 new aircraft by the company through 2020. Furthermore, the company will perform the aircraft's final assembly at its V-22 assembly center in Amarillo, which will require a 113,000-square-foot expansion for an estimated \$8.5 million.

Property tax base growth has been steady; the tax base has increased by 31% since fiscal 2003 to \$9.14 billion for fiscal 2008. Growth of more than 9% was due primarily to the addition of nearly \$300 million of new property to the tax rolls. The 10 leading taxpayers are diverse and account for just 6% of the total tax base. Income levels are below average: Median effective buying income is 88% and 86% of state and national averages, respectively. A low cost of living offsets, in part, below-average income levels. Market value, an indication of wealth, is below average at nearly \$48,000 per capita. At 3% through May 2007, unemployment was below state and national rates.

Amarillo's financial performance has been strong; the city maintains sound reserves and tax flexibility. In fiscal 2006, the city incurred a \$638,730 budgeted operating deficit surplus after transfers out of \$13.0 million into the capital improvement fund, which decreased the ending general fund balance to \$38.2 million, or a high 32% of total expenditures. Furthermore, unreserved fund balance has averaged 35% of total expenditure over the past five years. Currently, the city's formal policy is to maintain a general fund balance of at least three months' general fund expenditures, which it has historically exceeded. The city adopts a five-year capital improvement plan (CIP) annually and budgets roughly \$7 million-\$10 million for pay-as-you-go capital projects. Due to the city's strong regional retail draw, it primarily derives revenues from sales taxes (37%). Year-to-date sales tax revenues are up by about 5.0% year over year and are well ahead of the city's conservative 1.5% growth estimate. At 29 cents per \$100 of assessed valuation, the property tax rate remains very low, providing further revenue-raising flexibility. The tax rate impact for this issuance should reflect a modest increase of about two cents based on conservative property tax base growth estimates.

Standard & Poor's deems Amarillo's management practices "good" under its Financial Management Assessment (FMA) methodology, indicating financial management practices exist in most areas, though not all might be formalized or regularly monitored by governance officials.

The net overall burden is a below-average \$1,020 per capita and 3.3% of market value. Debt service expenditures are low at less than 1.5% of the annual budget, and they should increase slightly due to this issuance. This is the city's first GO issuance since the series 2001 bonds. Officials will primarily use series 2007 certificate proceeds to finance police, fire, and parks and recreation improvements.

Amarillo, Texas

Amortization is below average with just 40% of debt service being retired over 10 years. The CIP is manageable; management will primarily use pay-as-you-go financing to fund the plan. The city's additional debt plans are currently limited.

Outlook

The stable outlook reflects the city's stable economic base and the expectation that management will sustain its strong financial position and maintain its low overall debt levels.

Financial Management Assessment: 'Good'

Standard & Poor's deems Amarillo's management practices "good" under its FMA methodology, indicating financial management practices exist in most areas, though not all might be formalized or regularly monitored by governance officials.

Highlights of the city's practices and policies include monthly budget reports by management to the city council, which approves budget amendments typically at midyear, if necessary. Revenue and expenditure assumptions are typically conservative based on historical trend analysis. The city council reviews its adopted investment policy annually, and management provides the council with quarterly investment reports. The city's five-year, annually updated CIP is linked to the operating budget.

The city council has adopted a debt policy that includes savings targets for refunding and matching bond terms to the useful life of the assets financed with debt. Management performs some long-range financial planning, including an informal five-year utility plan and general operations linked to the CIP. The city council has adopted a minimum operating reserve policy equal to three months' general fund expenditures; the city has traditionally maintained balances well above this policy.

Credit Profile

US\$25. mil comb tax & rev certs of oblig ser 2007 dtd 08/15/2007 due 02/15/2027

<i>Long Term Rating</i>	AA+/Stable	New
Amarillo GO (FGIC)		
<i>Unenhanced Rating</i>	AA+(SPUR)/Stable	Affirmed

Published by Standard & Poor's, a Division of The McGraw-Hill Companies, Inc. Executive offices: 1221 Avenue of the Americas, New York, NY 10020
Editorial offices: 55 Water Street, New York, NY 10041. Subscriber services: (1) 212-438-7280. Copyright 2007 by The McGraw-Hill Companies, Inc.
Reproduction in whole or in part prohibited except by permission. All rights reserved. Information has been obtained by Standard & Poor's from sources believed to be reliable. However, because of the possibility of human or mechanical error by our sources, Standard & Poor's or others, Standard & Poor's does not guarantee the accuracy, adequacy, or completeness of any information and is not responsible for any errors or omissions or the result obtained from the use of such information. Ratings are statements of opinion, not statements of fact or recommendations to buy, hold, or sell any securities.

Standard & Poor's uses billing and contact data collected from subscribers for billing and order fulfillment purposes, and occasionally to inform subscribers about products or services from Standard & Poor's, our parent, The McGraw-Hill Companies, and reputable third parties that may be of interest to them. All subscriber billing and contact data collected is stored in a secure database in the U.S. and access is limited to authorized persons. If you would prefer not to have your information used as outlined in this notice, if you wish to review your information for accuracy, or for more information on our privacy practices, please call us at (1) 212-438-7280 or write us at: privacy@standardandpoors.com. For more information about The McGraw-Hill Companies Privacy Policy please visit www.mcgraw-hill.com/privacy.html

Analytic services provided by Standard & Poor's Ratings Services ("Ratings Services") are the result of separate activities designed to preserve the independence and objectivity of ratings opinions. Credit ratings issued by Ratings Services are solely statements of opinion and not statements of fact or recommendations to purchase, hold, or sell any securities or make any other investment decisions. Accordingly, any user of credit ratings issued by Ratings Services should not rely on any such ratings or other opinion issued by Ratings Services in making any investment decision. Ratings are based on information received by Ratings Services. Other divisions of Standard & Poor's may have information that is not available to Ratings Services. Standard & Poor's has established policies and procedures to maintain the confidentiality of non-public information received during the ratings process.

Ratings Services receives compensation for its ratings. Such compensation is normally paid either by the issuers of such securities or by the underwriters participating in the distribution thereof. The fees generally vary from US\$2,000 to over US\$1,500,000. While Standard & Poor's reserves the right to disseminate the rating, it receives no payment for doing so, except for subscriptions to its publications.

Permissions: To reprint, translate, or quote Standard & Poor's publications, contact: Client Services, 55 Water Street, New York, NY 10041; (1) 212-438-9823; or by e-mail to: research_request@standardandpoors.com.

The McGraw-Hill Companies

APPENDIX III-D

SUPPLEMENTARY TECHNICAL REPORT

CITY OF AMARILLO
CITY OF AMARILLO TRANSFER STATION
POTTER COUNTY, TEXAS
SUPPLEMENTARY TECHNICAL REPORT

PERMIT AMENDMENT
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
PERMIT NO.: MSW 76

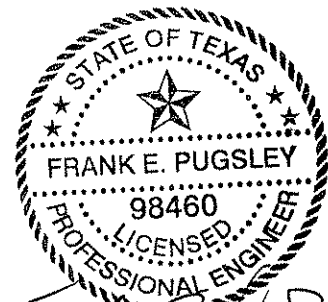
September 2008

Applicant:

City of Amarillo
P.O Box 1971
Amarillo, Texas 79105

Prepared by:

Chiang, Patel & Yerby, Inc.
1820 Regal Row, Suite 200
Dallas, Texas 75235



Frank E. Pugsley, P.E.
09.16.2008

INTRODUCTION

This Supplementary Technical report is submitted in conjunction with the City of Amarillo's Municipal Solid Waste Type V Transfer Station Permit Amendment Application, dated September, 2008, to expand the capacity of the facility to serve the City into the future.

GENERAL DESCRIPTION

The City of Amarillo owns and operates a Type V Municipal Solid Waste Transfer Station, Permit No. MSW 76. The City of Amarillo has owned and operated the site since its original permitting in 1965. The municipal solid waste transfer station is located on property owned by the City of Amarillo at the intersection of the East 26th Avenue and Grant Street within the City of Amarillo. The property also contains the City's Municipal Service center and serves many other municipal functions.

The site is located approximately 0.35 miles east of the intersection of Interstate Highway 27 and SE 26th Avenue. From this intersection, proceed east one block. SE 26th Avenue becomes SE 27th Avenue. The site is approximately 0.30 miles ahead on the north side of SE 27th Avenue.

WASTE CHARACTERISTICS**Volumes and Rates of Transfer**

The transfer station will receive a maximum of 1600 tons per day of waste, an average of 1350 TPD at operational capacity, and a maximum of 700 tons of waste to be stored at any one point in time, for an average length of time of 24 hours up to a maximum length of time not to exceed 72 hours.

Waste Acceptance Projection

Year or Quarter	Waste Acceptance Rate
FY 2005	162,826 tons (626 tpd)
FY 2006	153,126 tons (590 tpd)
FY 2007	159,355 tons (613 tpd)
5-year Projection	
FY 2008	631 tpd
FY 2009	650 tpd
FY 2010	670 tpd
FY 2011	690 tpd
FY 2012	711 tpd

Waste Properties

The transfer station will receive the following wastes for transfer:

- Residential or household municipal solid waste
- Commercial or municipal solid waste
- Industrial Non-hazardous waste (e.g. Prison system)

The Transfer Station will not receive:

- Special Waste
- Class 1 industrial hazardous waste

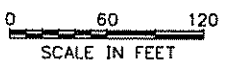
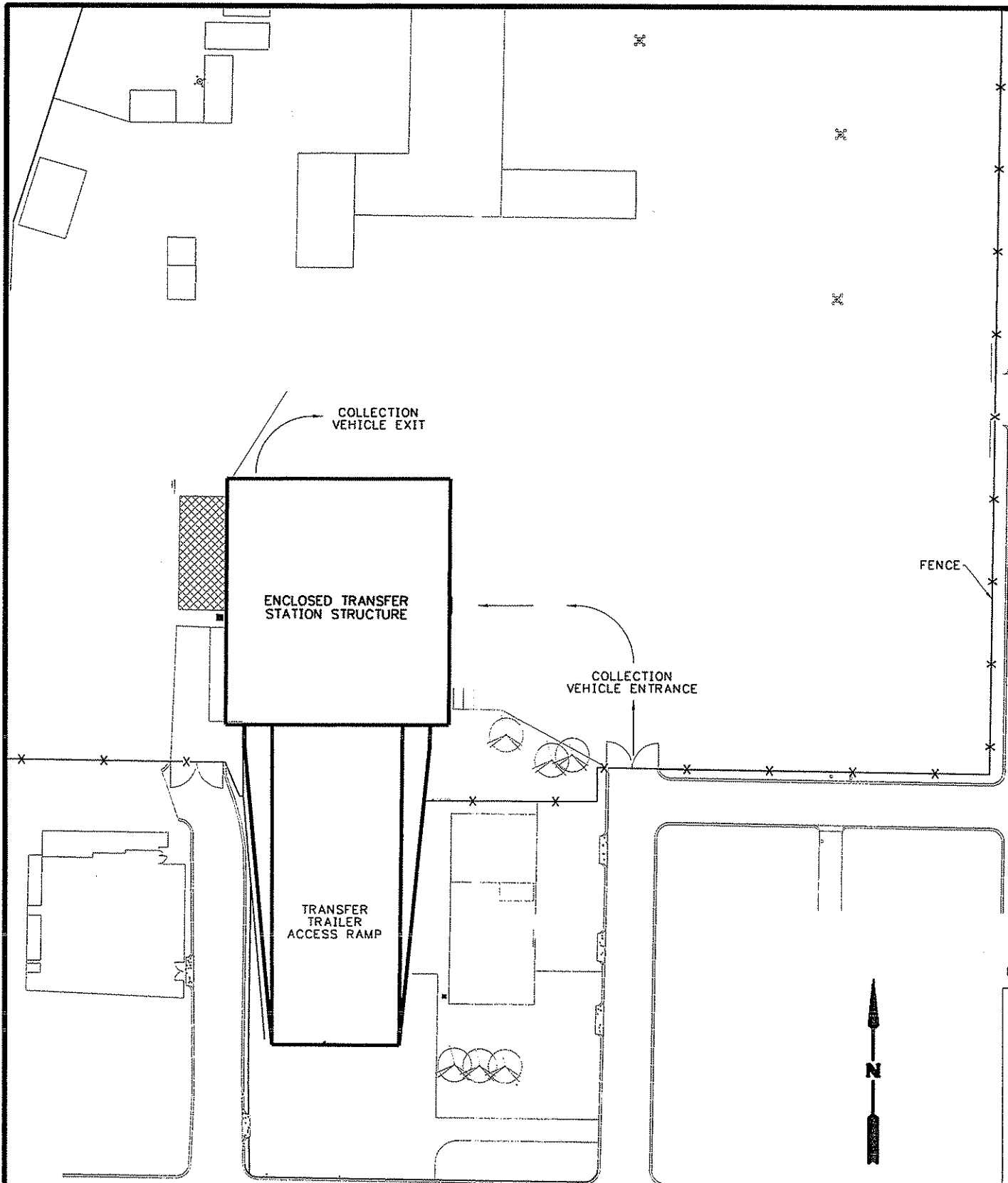
OTHER PERMITS OR CONSTRUCTION APPROVALS

The Transfer Station is covered under the co-located facility provision in the City's Industrial Storm Water General Permit (TXR050000) for the City Service Center, Permit No. TXR05M356.

Permits or construction approvals which are not applicable to this site include:

- Hazardous Waste Management Program under the Texas Solid Waste Disposal Act
- Underground Injection Control Program under the Texas Injection Well Act
- NPDES Program under the Clean Water Act
- 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 FCAA
- Licenses under the Texas Radiation Control Act
- Subsurface drip dispersal system permits under Texas Water Code, Chapter 32
- Other environmental permits

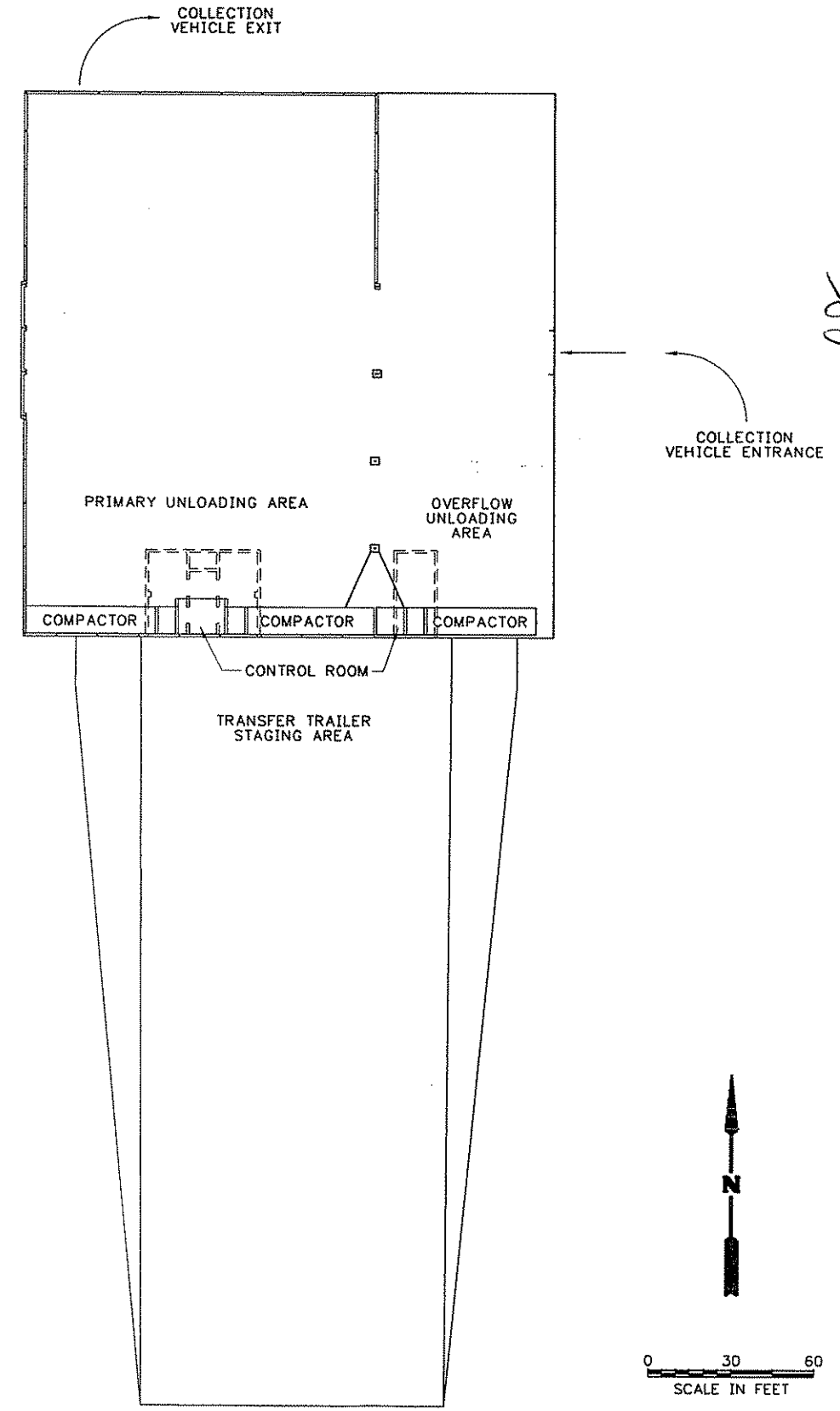
PART III ATTACHMENTS



LEGEND

	TREE
	LIGHT POLE
	VEHICLE DIRECTION
	EXISTING BUILDING
	TRANSFER STATION
	FENCE

PLAN - SITE PROCESS DESIGN



PLAN - INTERIOR PROCESS DESIGN

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REGULATORY REVIEW ONLY AND IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.

CITY OF AMARILLO, TEXAS
 CP&Y Chiang, Patel & Yerby, Inc.

Handwritten signature and date: J.E. Pugsley, 1/6/09

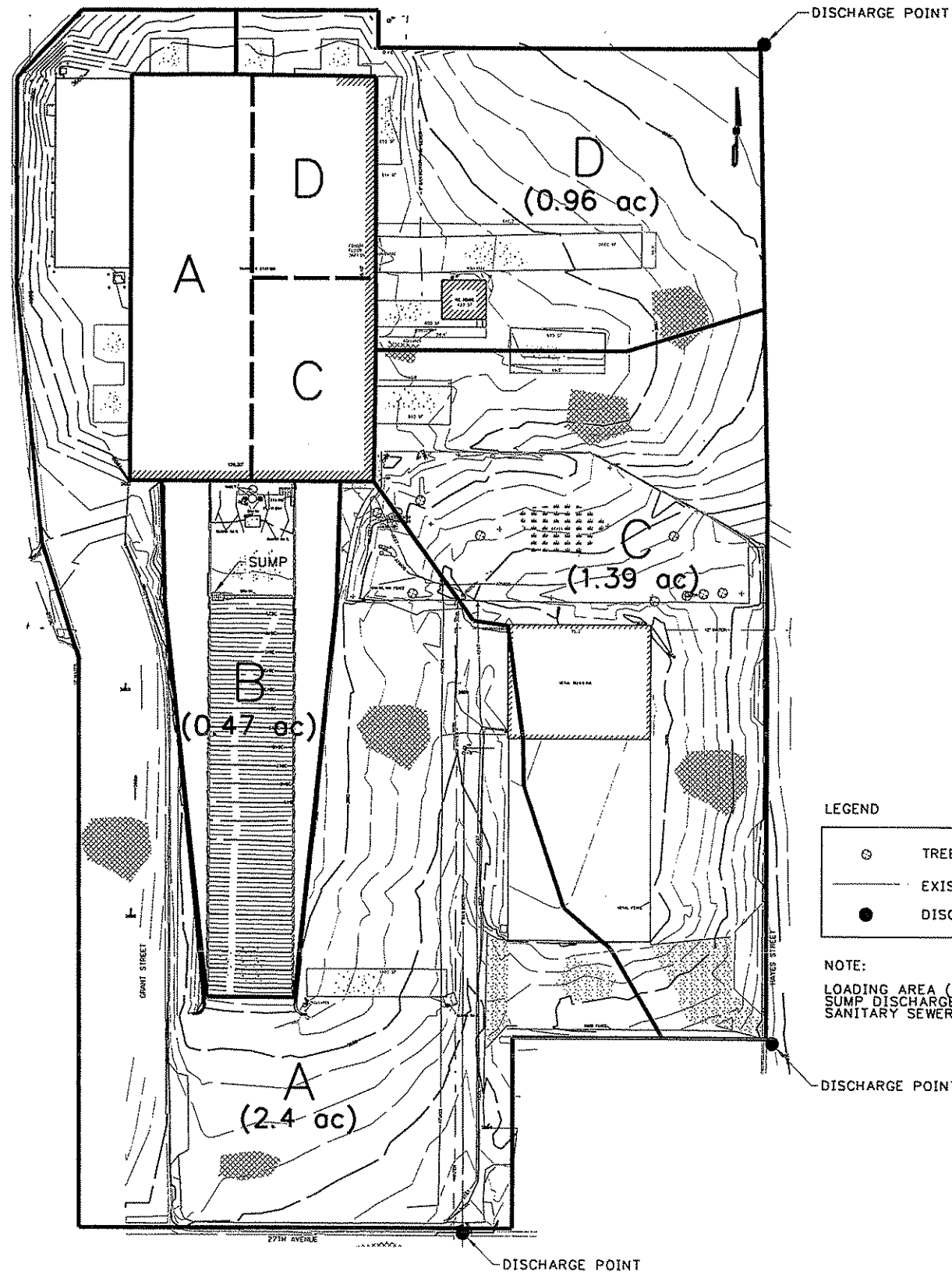
NO.	REVISION	BY	DATE

VERIFY SCALE: 1" = 60' (0 to 60 feet scale bar)
 BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE.

CITY OF AMARILLO
 SOLID WASTE TRANSFER STATION
 PERMIT AMENDMENT
 PROCESS DESIGN

Date:	DECEMBER 2008
Designed:	F. PUGSLEY, P.E.
Drawn:	S. SATYANARAYAN
Reviewed:	W. HINDMAN, P.E.
CP&Y Project No.	07051

ATTACHMENT
 III-1



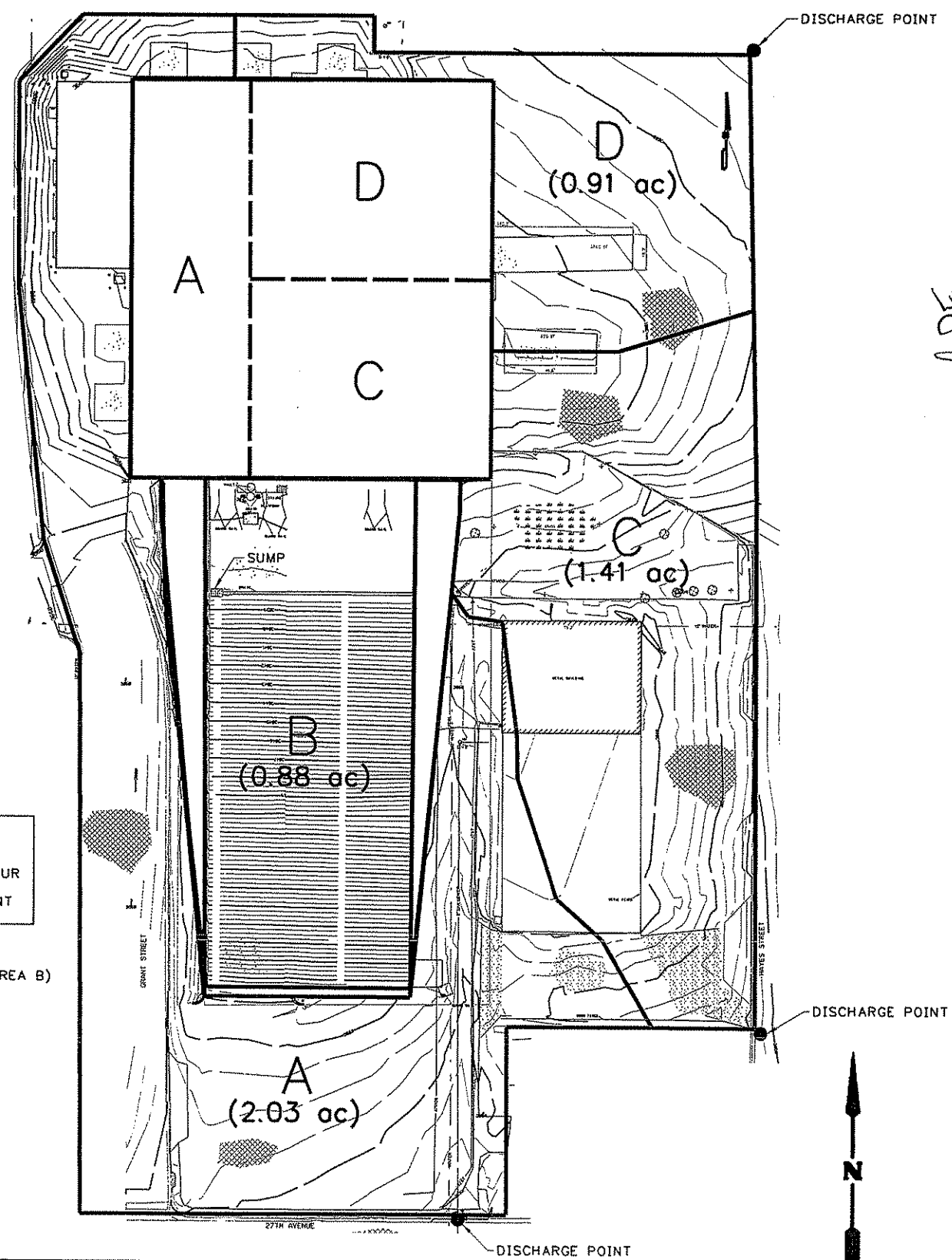
EXISTING DRAINAGE AREAS

DRAINAGE AREA	EXISTING DISCHARGE (CFS)	PROPOSED DISCHARGE (CFS)
A	10.8	9.1
B	3.1	5.8
C	9.3	9.4
D	6.4	6.0

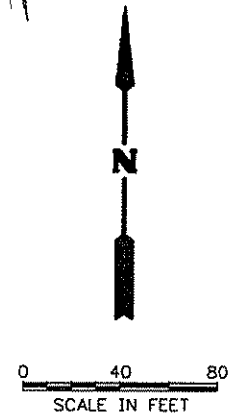
LEGEND

- ⊙ TREE
- EXISTING CONTOUR
- DISCHARGE POINT

NOTE:
 LOADING AREA (DRAINAGE AREA B)
 SUMP DISCHARGES INTO
 SANITARY SEWER.



PROPOSED DRAINAGE AREAS



D.E.
1/6/09

NO.	REVISION	BY	DATE

CITY OF AMARILLO
 SOLID WASTE TRANSFER STATION
 PERMIT AMENDMENT
 EXISTING DRAINAGE

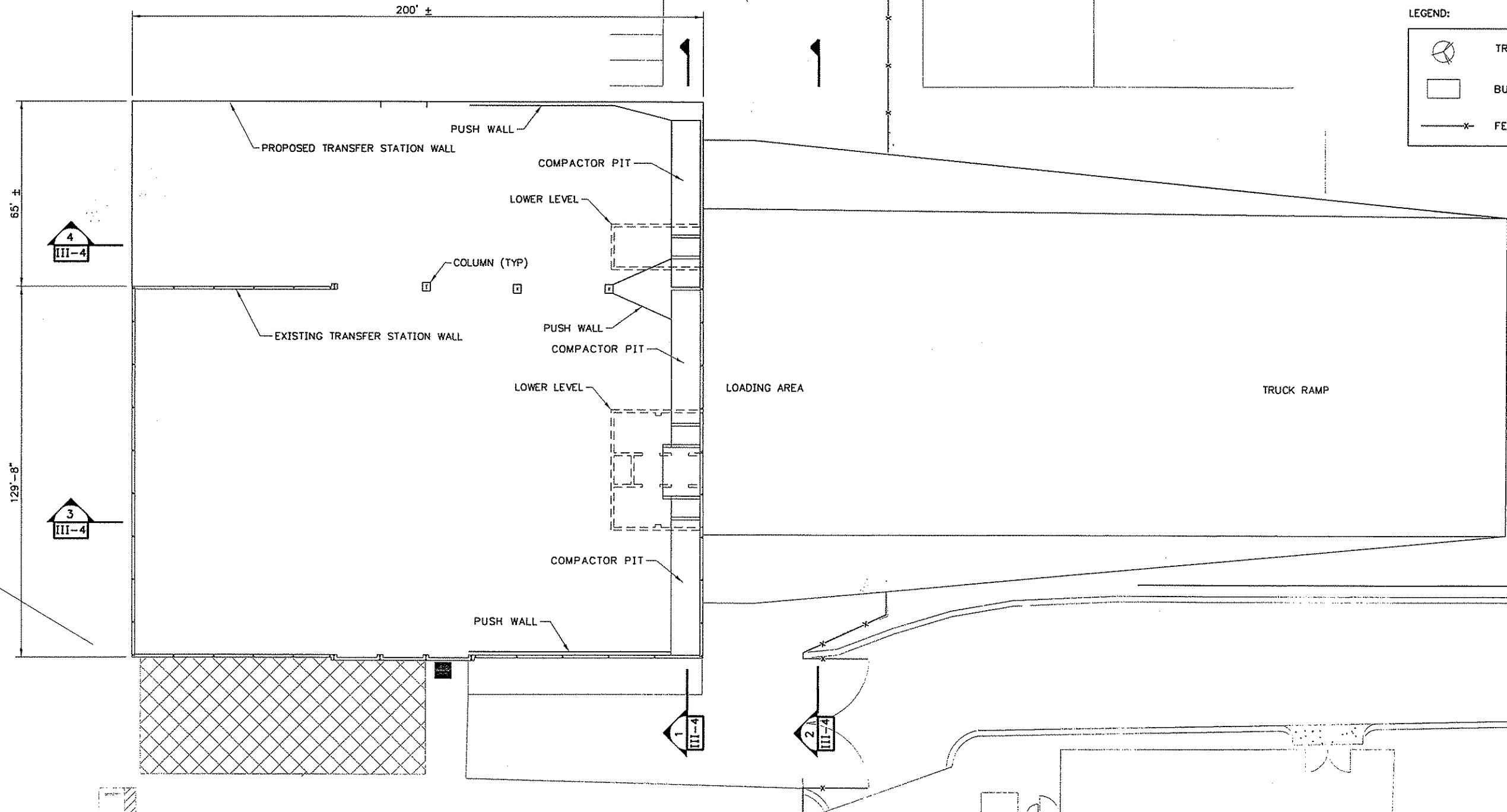
Date: DECEMBER 2008
 Designed: F. PUGSLEY, P.E.
 Drawn: F. PUGSLEY, P.E.
 Reviewed: W. HINDMAN, P.E.
 CP&Y Project No. 07051

ATTACHMENT
 III-2

CITY OF AMARILLO, TEXAS
 CP&Y Chiang, Patel & Yerby, Inc.



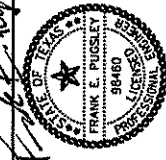
THIS DOCUMENT IS RELEASED FOR THE
 PURPOSE OF REGULATORY REVIEW ONLY
 AND IS NOT INTENDED FOR BIDDING
 OR CONSTRUCTION PURPOSES.



LEGEND:

- TREE
- BUILDING
- FENCE

Handwritten signature and date:
 F.E. Sulby 1/6/09



NO.	REVISION	BY	DATE

VERIFY SCALE: 1" = 10' (NOT ONE INCH ON THIS SHEET, ADJUST SCALE)
 BAR IS ONE INCH ON ORIGINAL DRAWING, IF ADJUST SCALE

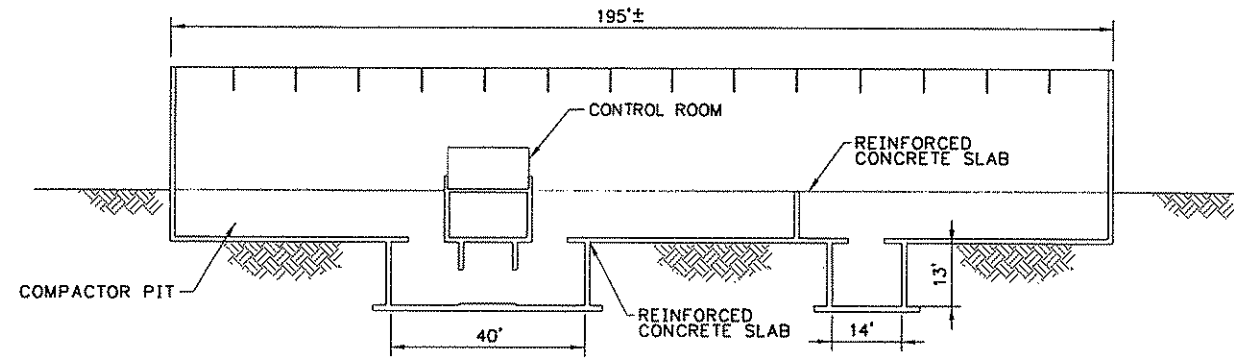
CITY OF AMARILLO
 SOLID WASTE TRANSFER STATION
 PERMIT AMENDMENT

GENERAL CONSTRUCTION DETAILS I

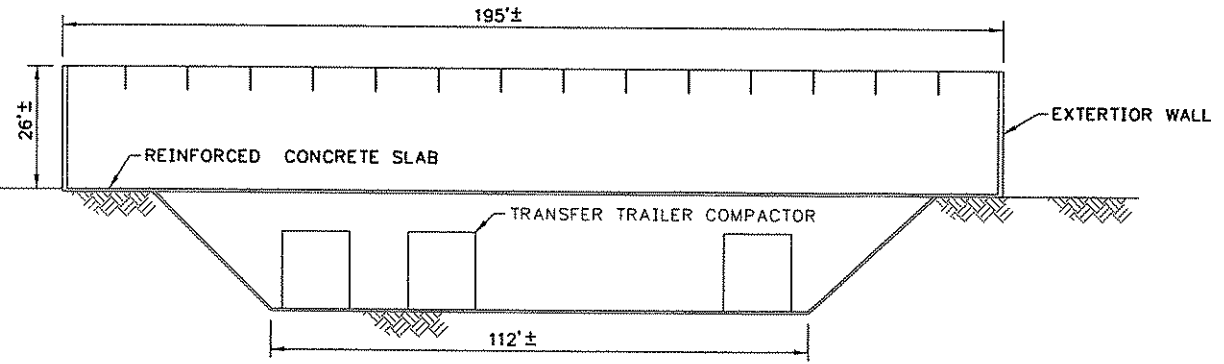
Date: DECEMBER 2008
 Designed: F. PUGSLEY, P.E.
 Drawn: B. WALTEBURG
 Reviewed: W. HINDMAN, P.E.
 CP&Y Project No. 07051

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REGULATORY REVIEW ONLY AND IS NOT INTENDED FOR BIDDING OR CONSTRUCTION PURPOSES.

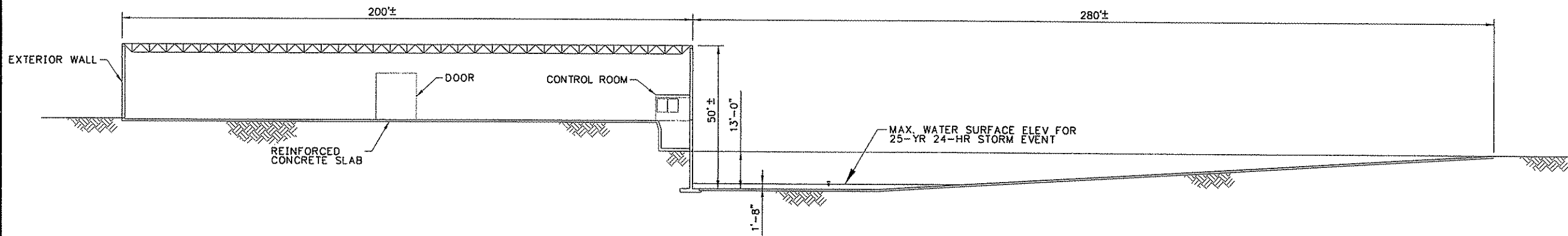
1/6/2009 11:01:51 AM
 pw:/Active Projects/CAM07051/8.00 Plans and Drawings/8.30 Cut Sheets/Permit Attachments/07051 ATT III-4.dgn



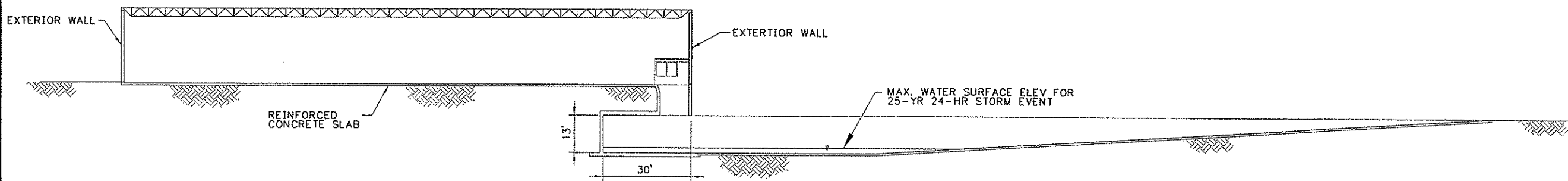
SECTION 1
 III-2 SCALE IN FEET



SECTION 2
 III-2 SCALE IN FEET

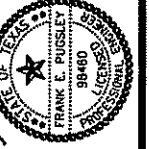


SECTION 3
 III-2 SCALE IN FEET



SECTION 4
 III-2 SCALE IN FEET

Handwritten signature and date: F.E. Pugsley, P.E. 1/6/09



CITY OF AMARILLO, TEXAS
 CP&Y Chiang, Patel & Yerby, Inc.

NO.	REVISION	BY	DATE

VERIFY SCALE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE.

CITY OF AMARILLO
 SOLID WASTE TRANSFER STATION
 PERMIT AMENDMENT
 GENERAL CONSTRUCTION DETAILS II

Date: DECEMBER 2008
 Designed: F. PUGSLEY, P.E.
 Drawn: B. WALTEBURG
 Reviewed: W. HINDMAN, P.E.
 CP&Y Project No. 07051

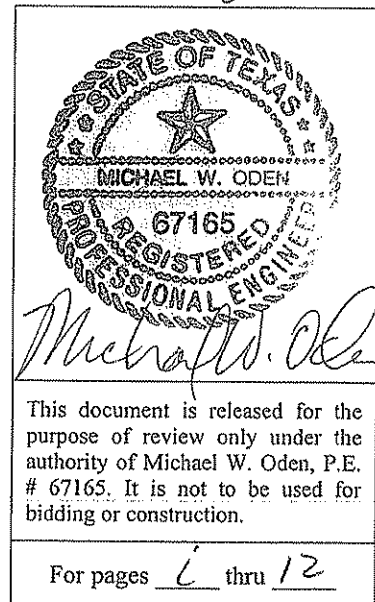
Part IV
Site Operating Plan

City of Amarillo Transfer Station
Permit Modification -- MSW No. 76

City of Amarillo,
Potter County, Texas

June 2007

6-12-2007



City of Amarillo
City of Amarillo Transfer Station – Part IV
Site Operating Plan

Table of Contents

§330.203 Waste Acceptance and Analysis	1
§330.205 Facility-Generated Wastes	4
§330.207 Contaminated Water Management	4
§330.209 Storage Requirements	5
§330.211 Approved Containers	5
§330.213 Citizen's Collection Stations	5
§330.219 Recordkeeping and Reporting Requirements	5
§330.221 Fire Protection.....	6
§330.223 Access Control.....	8
§330.225 Unloading of Waste	8
§330.227 Spill Prevention and Control.....	9
§330.229 Facility Operating Hours.....	9
§330.231 Facility Sign.....	10
§330.233 Control of Windblown Material and Litter	10
§330.235 Materials Along the Route to the Facility.....	10
§330.237 Facility Access Roads.....	10
§330.239 Noise Pollution and Visual Screening	11
§330.241 Overloading and Breakdown	11
§330.243 Sanitation	11
§330.245 Ventilation and Air Pollution Control.....	12
§330.247 Health and Safety.....	12
§330.249 Employee Sanitation Facilities	12

Part IV Site Operating Plan

City of Amarillo Transfer Station

MSW-76

The Site Operating Plan (SOP) contains information about how the City of Amarillo 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 Municipal Solid Waste (MSW) permit and consists of the information required by Title 30, Texas Administrative Code (TAC), Chapter 330, Subchapter E: Operational Standards for Municipal Solid Waste Storage and Processing Units, 30 TAC §330.201–§330.249.

§330.203 Waste Acceptance and Analysis

Authorized Wastes

The transfer station will receive the following wastes for transfer:

- residential or household municipal solid waste
- commercial municipal solid waste
- special wastes may include the following as long as it is delivered as part of the residential or commercial MSW:
 - hazardous waste from conditionally exempt small-quantity generators that may be exempt from full controls under 30 TAC 335, Subchapter N, Household Materials Which Could Be Classified as Hazardous Wastes,
 - empty pesticide (insecticide, herbicide, fungicide, or rodenticide) containers.

Special Waste Receipt

There is no separate collection for hazardous waste from conditionally exempt small quantity generators (CESQG) or empty pesticide containers. If these are received, they come in with the residential and commercial MSW and are processed as such.

Receipt of Industrial Wastes

Class 1 industrial solid waste will not be accepted at the Transfer Station. Class 2 and 3 non-hazardous industrial waste is accepted in small quantities, and it is processed as part of the MSW waste and is not separated out. This waste will not be received unless it can be handled with the other Municipal Solid Waste (MSW).

Prohibited Wastes

Wastes authorized above shall not contain, or the transfer station will not knowingly accept the following wastes. Should any of these items be delivered with the MSW, it will be removed provided it can be easily and safely accomplished. The items will then be handled in accordance with §330.225.

- Regulated Hazardous Waste other than from Conditionally Exempt Small Quantity Generators (CESQG).
- Polychlorinated Biphenyls (PCBs) wastes, as defined under 40 Code of Federal Regulations, Part 761
- Lead acid storage batteries
- Do-it-Yourself (DIY) used motor vehicle oil
- Used-oil filters from internal combustion engines; unless meeting the following criteria:
 - crushed to less than 20% of its original volume to remove all free-flowing used oil; or
 - processed by a method other than crushing to remove all free-flowing used oil. A filter is considered to have been processed if:

- the filter has been separated into component parts and the free-flowing used oil has been removed from the filter element by some means of compression in order to remove free-flowing used oil;
 - the used filter element of a filter consisting of a replaceable filtration element in a reusable or permanent housing has been removed from the housing and pressed to remove free-flowing used oil; or
 - the housing is punctured and the filter is drained for at least 24 hours.
- Bulk whole used or scrap tires
 - Items containing chlorinated fluorocarbons (CFC's), such as refrigerators, freezers, and air conditioners.
 - Liquid waste (any waste material that is determined to contain "free liquids" as deemed by EPA Method 9095 (Paint Filter Test), as described in "Test Methods for Evaluating Solid Wastes, Physical Chemical Methods" (EPA Publication Number SW-846)) shall not be accepted unless it is:
 - Bulk or non-containerized liquid waste that is household waste other than septic waste; or contained liquid waste where:
 1. the container is a small container similar in size to that normally found in the household waste; or
 2. the container is designated to hold liquids for use other than storage; or the waste is a household waste.
 - Regulated Asbestos Containing Materials
 - Class I Industrial Solid Waste

The transfer station will receive a maximum of 1600 tons of waste daily, and a maximum of 1600 tons of waste to be stored at any one point in time, for an average length of time of 24 hours up to a maximum length of time not to exceed 72 hours.

Transfer Station personnel will be trained in site safety and equipment operation.

§330.205 Facility-Generated Wastes

Wastes generated by the transfer station will be processed or disposed at the City of Amarillo Landfill (MSW Permit #73).

Wastewaters generated by the transfer station will be managed in accordance with §330.207, Contaminated Water Management. Wastewater is sent to the City's wastewater treatment plant for treatment.

§330.207 Contaminated Water Management

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 off site to an authorized facility via a connection to a public sewer system.
- Discharge contaminated waters off-site 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

The daily effluent design standard for oil and grease concentration leaving the facility and entering a public sewer system will not exceed 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.

§330.209 Storage Requirements

All solid waste will 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 so as not to result in litter.

§330.211 Approved Containers

Because no waste is separated or stored, other than awaiting transfer, there is no need for waste storage containers. Any white goods, large metals, and/or tires discovered in the waste stream that can be easily and safely removed will be stored temporary inside the building and removed within 24 hours after deposition.

§330.213 Citizen's Collection Stations

Only City waste collection vehicles are allowed at the transfer station. There are no provisions for a Citizen's Collection Station.

§330.219 Recordkeeping and Reporting Requirements

A copy of the permit, the approved application, and any other required plan or other related document will be maintained at the City of Amarillo Transfer Station/Service Center at all times. 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 information listed in Table 1 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 1: 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. Any other document(s) as specified by the approved permit/registration or by the executive director	§330.219(b)(7)
7. Alternative schedules and notification requirements if applicable	§330.219(g)
8. Inspection records and training procedures relating to fire prevention and facility safety	§330.221
9. Access control breach and repair notices	§330.223
10. Waste unloading/ prohibited waste discovery	§330.225
11. Record of alternative operating hours if applicable	§330.229(b)

§330.221 Fire Protection

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.
- Equipment used to move waste will be routinely cleaned through the use of high pressure water or steam cleaners. The high pressure water or steam cleaning will remove combustible waste and caked material which can cause equipment overheating and increase fire potential.

- Smoking is not permitted near waste management areas.

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 fire fighting 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 onsite.

Water Supply

A pressurized water supply will be maintained on-site.

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. All extinguishers will display a current inspection tag. Inspection and recharging will be performed following each use. All transfer station vehicles will be equipped with fully charged fire extinguishers.

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, on an annual basis. Personnel will be familiar with the use and limitations of firefighting equipment available onsite. Records of this training will be included in the operating record for the facility.

§330.223 Access Control

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 a 6-foot chain link fence, masonry walls, and locking doors.

Vehicle Access

There is no public access to the facility, only city vehicle access.

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.

§330.225 Unloading of Waste

The unloading of solid waste will be confined to as small an area as practical. The maximum size of the unloading area will be 200 feet in length by 200 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 station at all times during operating hours to monitor all incoming loads of waste, and will direct traffic to the appropriate unloading area.

Equipment operators will monitor the incoming waste. 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 facility is not required to accept any solid waste that may cause problems in maintaining full and continuous compliance with the permit.

Certain wastes are prohibited from management at the facility. Prohibited wastes are described in Waste Acceptance and Analysis section (§330.203) 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, or to have the unauthorized material removed and otherwise properly managed. Any prohibited waste not discovered until after unloading will be returned promptly to the generator of the waste, when possible. The generator 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.

§330.227 Spill Prevention and Control

Processing areas will be designed to control and contain spills and contaminated water from leaving the facility. All processing areas are covered and are therefore not subject to runoff from direct rainfall.

The tipping floor is designed to control any contaminated runoff by collection in the sanitary sewer system and then conveyed to an authorized wastewater treatment facility via a connection to a public sewer system.

§330.229 Facility Operating Hours

The facility is authorized to accept waste and operate during the following timeframes:

Normal hours of operation and waste acceptance are from 5:00 a.m. to 9:00 p.m., Monday through Friday and from 5:00 a.m. to 5:00 p.m. on Saturday.

Alternate waste acceptance hours and alternate operating hours may be required for special occasions, special purpose events, holidays, or other special occurrences. For these days, City of Amarillo collection / transfer vehicle acceptance times will be extended by 2 hours.

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.

§330.231 Facility Sign

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

Type of MSW Facility: Type V

Authorized by TCEQ Permit Number: 76

Hours of Operation: CLOSED TO THE PUBLIC

Local Emergency Fire Department Number: 911

§330.233 Control of Windblown Material and Litter

Windblown material and litter will be controlled through several methods, including proper unloading procedures, perimeter fences, walls, the orientation of the facility to the prevailing wind direction, 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 such other litter control measures, as necessary.

§330.235 Materials Along the Route to the Facility

The facility operator will encourage vehicles hauling waste to the facility to enclose or provide 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. All vehicles are operated by City employees that have been instructed in this requirement. On days when the facility is in operation, the operator will be responsible for at least daily cleanup of waste materials spilled along and within the right-of-way of Hayes Street and 26th Street on days that the facility is in operation, for a distance of two miles in either direction from the entrance.

§330.237 Facility Access Roads

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

- Access roadways are paved and maintained by the City.
- Tracking of mud and trash onto public roadways is minimized by the use of paved roads.
- All on-site and other access roadways will be maintained on a regular basis to minimize

depressions, ruts, and potholes.

§330.239 Noise Pollution and Visual Screening

All Transfer Station operations occur within an enclosed building that provides adequate screening and minimizes noise pollution.

§330.241 Overloading and Breakdown

The design capacity of the solid waste facility will not be exceeded during operation. The facility will not accumulate solid waste 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 waste will not be received until the adverse conditions are abated.

In the event of a breakdown, wastes will be transported off-site within 72 hours of receipt and normally within 12 hours.

If a significant work stoppage should occur due to a mechanical breakdown or other causes, the facility will restrict additional solid waste receipt. Under such circumstances, incoming solid waste 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 waste from the facility to an approved backup storage, processing, or disposal facility within 72 hours.

Backup Provision:

In the event of equipment repairs or during equipment maintenance periods, that require closure of the facility, all vehicles will be rerouted to the City's landfill.

§330.243 Sanitation

All working surfaces that come in contact with wastes will be washed down on a weekly basis.

Wash waters will not be allowed to accumulate on-site and all wash waters will be collected and disposed of in an authorized manner.

§330.245 Ventilation and Air Pollution Control

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

The facility will obtain authorization, under Subchapter U of this chapter (relating to Standard Air Permits for Municipal Solid Waste Landfill Facilities and Transfer Stations), as applicable, from the Air Permits Division.

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.

The owner or operator will employ the following measures:

- on-site buffer zones for odor control
- building ventilation measures such as roof vents will be used for odor control.
- send odiferous waste directly to the landfill.

Any ponded water at the facility will be controlled to avoid its becoming a nuisance. In the event that objectionable odors do occur, appropriate measures will be taken to alleviate the condition such as the removal of ponded water.

§330.247 Health and Safety

Facility personnel will be trained in the proper procedures for maintaining health and safety.

§330.249 Employee Sanitation Facilities

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