

**EXHIBIT D**

Pintail Landfill Waller County, Texas

TCEQ Permit Application

and

Pintail Landfill Transfer Station,

Type V Registration Application

**PINTAIL LANDFILL  
WALLER COUNTY, TEXAS  
TCEQ PERMIT APPLICATION NO. MSW \_\_\_\_\_**

**PERMIT APPLICATION**

**PART I FORM, CORE DATA FORM  
PART I – APPLICANT INFORMATION  
PART II – EXISTING CONDITIONS AND CHARACTER OF THE FACILITY  
AND SURROUNDING AREA**

**Volume 1**

Prepared for

**PINTAIL LANDFILL, LLC**

July 2011

Prepared by

**BIGGS & MATHEWS ENVIRONMENTAL**

1700 Robert Road, Suite 100 • Mansfield, Texas 76063 • 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
FIRM REGISTRATION No. F-256

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS  
FIRM REGISTRATION No. 50222



## **BIGGS & MATHEWS ENVIRONMENTAL**

*Consulting Engineers • Hydrogeologists*

Mansfield • Wichita Falls

July 20, 2011

Mr. Mark Vickery  
Executive Director  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, TX 78711-3087

Attn: Ms. Christine Bergren  
MSW Permits Section  
MC-124

Re: Pintail Landfill  
TCEQ Permit No. MSW \_\_\_\_\_  
Waller County, Texas  
Permit Application – Land-Use Only

Dear Mr. Vickery:


This permit application for the proposed Pintail Landfill, a Type I municipal solid waste facility to be located in Waller County, Texas, is filed on behalf of Pintail Landfill, LLC. This application consists of Parts I and II in support of a separate determination regarding land use compatibility, as provided for in Health & Safety Code, Section 361.069 and 30 TAC §330.57(a). Included are four copies (one signed original and three copies) of the application for your review and approval.

Pintail Landfill, LLC is fully committed to operating this landfill site consistent with applicable TCEQ regulations, which will protect human health and the environment while providing necessary waste disposal capacity for the residents, communities and businesses in and around Waller County, Texas.

We appreciate your review of this permit application. If you or your staff have any questions please do not hesitate to call me.

Sincerely,

BIGGS & MATHEWS ENVIRONMENTAL  
TBPE No. F-256 • TBPG No. 50222

  
Kenneth J. Welch, P.E.  
Principal Engineer

Attachments: Part I Form  
Core Data Form  
Permit Application, Parts I and II (four copies)  
CD – Electronic Copy of Land Owners List

cc: Mr. Ernest Kaufmann, President, Pintail Landfill, LLC, Green Group Holdings, LLC

M:\Proj\129\01\101\PI\Transmit\ail.Ltr.doc

**PINTAIL LANDFILL  
WALLER COUNTY, TEXAS  
TCEQ PERMIT APPLICATION NO. MSW \_\_\_\_\_**

**PERMIT APPLICATION**

Prepared for  
**PINTAIL LANDFILL, LLC**  
July 2011



Prepared by  
**BIGGS & MATHEWS ENVIRONMENTAL**  
1700 Robert Road, Suite 100 • Mansfield, Texas 76063 • 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
FIRM REGISTRATION No. F-256

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS  
FIRM REGISTRATION No. 50222

**PINTAIL LANDFILL  
WALLER COUNTY, TEXAS  
TCEQ PERMIT APPLICATION NO. MSW \_\_\_\_\_**

**PERMIT APPLICATION**

**VOLUME 1 OF 1**

Prepared for

**PINTAIL LANDFILL, LLC**

July 2011



Prepared by

**BIGGS & MATHEWS ENVIRONMENTAL**

1700 Robert Road, Suite 100 • Mansfield, Texas 76063 • 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
FIRM REGISTRATION NO. F-266

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS  
FIRM REGISTRATION NO. 50222

**PINTAIL LANDFILL  
WALLER COUNTY, TEXAS  
TCEQ PERMIT APPLICATION NO. MSW \_\_\_\_\_**

**PERMIT APPLICATION**

**VOLUME 1 OF 1**

**CONTENTS**

---

**TCEQ PART I FORM**

**TCEQ CORE DATA FORM**

**PART I SITE AND APPLICANT INFORMATION**

**PART II EXISTING CONDITIONS AND CHARACTER OF THE FACILITY AND  
SURROUNDING AREA**





# Texas Commission on Environmental Quality

## Permit or Registration Application for Municipal Solid Waste Facility

### Part I

**A. General Information**

Facility Name:	Pintail Landfill			
Physical or Street Address (if available):	24644 Highway 6			
(City) (County) (State) (Zip Code):	Hempstead	Waller	TX	77445
(Area Code) Telephone Number:	770-720-2717			
Charter Number:				

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:	Pintail Landfill, LLC			
Mailing Address:	24644 Highway 6			
(City) (County) (State) (Zip Code):	Hempstead	Waller	TX	77445
(Area Code) Telephone Number:	770-720-2717			
(Area Code) FAX Number:	NA			
Charter Number:	801294765			

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):				
(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:	CT Corporation System			
Mailing Address:	350 North St., Suite 2900			
(City) (County) (State) (Zip Code):	Dallas	Dallas	TX	75201-4234
(Area Code) Telephone Number:	214-979-1172			
(Area Code) FAX Number:	214-754-0922			

**Application Type:**

<input checked="" type="checkbox"/> Permit	<input 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

<sup>1</sup> 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 checked="" type="checkbox"/> Type I	<input type="checkbox"/> Type IV	<input 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 checked="" 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 checked="" 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 type="checkbox"/> Other (Specify)		<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 332?

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.

A new Type I Municipal Solid Waste Disposal facility to provide long-term waste disposal capacity for the individuals, businesses, and communities in Waller County and surrounding areas.

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."

**Alternative Language 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 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 an alternative language 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.



Alternative Language Notice Application Form:

Alternative language 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 189.1205(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? **Spanish**

Note: Applicants for new permits and major amendments must make a copy of the administratively complete application available at a public place 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 courthouse, city hall, etc.):	Waller County Library		
Mailing Address:	2331 11th St.		
(City)/(County)/(State)/(Zip Code):	Hempstead	Waller	TX 77445
(Area Code) Telephone Number:	979-826-7658		

Except for Type I AB 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.
<a href="http://www.biggsandmathews.com/permits.php">http://www.biggsandmathews.com/permits.php</a>

**B. Facility Location**

Local Government Jurisdiction:	Waller County
Within City Limits of:	N/A
Within Extraterritorial Jurisdiction of City of:	N/A
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.
Located southeast of the intersection of Highway 6 and Kelley Road in Waller County, Texas approximately one mile north from Hempstead, Texas.

Detail the access routes from the nearest United States or state highway to the facility.
Located southeast of the intersection of Highway 6 and Kelley Road in Waller County, Texas approximately one mile north from Hempstead, Texas.

Provide the latitudinal and longitudinal geographic coordinates of the facility.

Latitude:	N 30° 08' 03"
Longitude:	W 96° 03' 40"
Elevation (above msl):	Between 200' and 270' above mean sea level

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:	Houston District			
District Engineer's Name:	Delvin Dennis, P.E.			
Street or P. O. Box:	7600 Washington Avenue			
(City) (County) (State) (Zip Code):	Houston	Harris	TX	77007
(Area Code) Telephone Number:	713-802-5000			
(Area Code) FAX Number:				

The local governmental authority or agency responsible for road maintenance:

Agency Name:	TXDOT Waller/West-Central Harris Area Office			
Contact Person's Name:	Gregory A. Ranft, Area Engineer			
Street or P. O. Box:	14838 NW Freeway			
(City) (County) (State) (Zip Code):	Houston	Harris	TX	77040
(Area Code) Telephone Number:	713-934-5900			
(Area Code) FAX Number:				

State Representative:

District Number:	Texas House of Representatives District 28			
State Representative's Name:	The Honorable John Zerwas			
District Office Address:	P.O. Box 434 (9315 FM 1489, Suite C)			
(City) (County) (State) (Zip Code):	Simonton	Waller	TX	77476
(Area Code) Telephone Number:	281-533-9042			
(Area Code) FAX Number:	281-533-9049			

State Senator:

District Number	Texas Senate District 18			
State Senator's Name	The Honorable Glenn Hegar			
District Office Address	P.O. Box 1008			
(City)/(County)/(State)/(Zip Code)	Katy	Waller	TX	77492
(Area Code) Telephone Number	281-391-8883			
(Area Code) FAX Number	281-391-8818			

COC Name	Houston-Galveston Area Council			
COC Representative's Name	Jack Steele			
COC Representative's Title	Executive Director			
Street or P.O. Box	3555 Timmons Lane, Suite 120			
(City)/(County)/(State)/(Zip Code)	Houston	Harris	TX	77027
(Area Code) Telephone Number	713-993-4509			
(Area Code) FAX Number	713-993-2414			

River Basin Information:

River Authority	Brazos River Authority			
Contact Person's Name	Phil Ford, General Manager/CEO			
Watershed/Sub-Basin Name	Lower Watershed of the Brazos River			
Street or P.O. Box	P.O. Box 7555 (4600 Cobbs Drive)			
(City)/(County)/(State)/(Zip Code)	Waco	McLennan	TX	76714
(Area Code) Telephone Number	1-888-922-6272			
(Area Code) FAX Number	254-761-3207			

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 checked="" type="checkbox"/> Galveston, TX	<input type="checkbox"/> Tulsa, OK	

C. Maps

The maps referenced are provided in Parts I and II of this permit amendment application. The drawings depicting the information requested are referenced below.

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;  
(See Part I, Appendix IA, Drawing IA.3 – General Topographic Map and Part II, Appendix IIA, Drawing IIA.2 – General Topographic Map and Drawing IIA.3 – Land Use Map.)

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; (See Part I, Appendix IA, Drawing IA.3 – General Topographic Map and Part II, Appendix IIA, Drawing IIA.2 – General Topography and IIA.3 – Land Use Map)

the location of any waste disposal activities conducted on the tract not included in the application;  
(See Part I, Appendix IA, Drawing IA.3 – General Topographic Map) 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. (See Part I, Appendix IB, Drawing IB.1 – Land Ownership Map)

General location maps (See Part I, Appendix IA, Drawing IA.1 – General Highway Map and Drawing IA.2 – Detailed Highway Map).

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 (See Part I, Appendix IB, Drawing IB.1 – 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 1/4 mile of the facility, on-site facility easement holders, and all mineral interest ownership under the facility.

**Landowners list (See Part I, Appendix IB, page IB-1)**

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

#### **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; (See Part I, Appendix IC – Legal Description)

- (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. (See page 9 of this form)

#### **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. (See Part I, Section 5 and Appendix ID – Legal Authority)

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 type="checkbox"/>	Municipal	<input checked="" type="checkbox"/>	Other (Specify)	Limited Liability Company			

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:	Marengo Family Properties Ltd			
Street or P.O. Box:	P.O. Box 260903			
(City)(County)(State)(Zip Code):	Corpus Christi	Nueces	TX	78426-8426
(Area Code) Telephone Number:	361-387-9223			
(Area Code) FAX Number:	NA			
Charter Number:	NA			

**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
See Part I, Section 6 – Evidence of Competency				

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)
See Part I, Section 6 – Evidence of Competency			

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
See Part I, Section 6 – Evidence of Competency		

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
See Part I, Section 6 – Evidence of Competency	See Part I, Section 6 – Evidence of Competency

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
Not Applicable	

**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. (See Part I, Section 7 – Appointments)

**H. Application Fees**

For a new permit, registration, amendment, modification, or temporary authorization, submit a \$150 application fee. (See Part I, Section 8 – Application Fees)

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 may be made online using TCEQ e-pay at <a href="http://www.tceq.state.tx.us/epay/">www.tceq.state.tx.us/epay/</a>	
E-pay confirmation number:	582EAO00100633

PROPERTY OWNER AFFIDAVIT

I, Harvey Family Properties Ltd.  
(Property Owner)

acknowledge that the State of Texas may hold Pintail Landfill, LLC 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 Pintail Landfill, LLC, 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."

Ronald co-trustee of David Ronald & Deborah Anne  
(Signature) Management Trust-9002 7-13-11  
(Date)  
General Partner  
(Title)

Signature Page

I, Ernest Kaufmann  
(Operator)

President, Green Group Holdings, LLC,  
Manager of Pintall Landfill, LLC  
(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: Ernest C Kaufmann Date: 7/20/11

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 Ernest Kaufmann

On this 20<sup>th</sup> day of July, 2011

My commission expires on the 25<sup>th</sup> day of July, 2012



Jeana Matetzschik  
Notary Public in and for  
Travis County, Texas





# TCEQ Core Data Form

TCEQ Use Only

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

## SECTION I: General Information

1. Reason for Submission <i>(If other is checked please describe in space provided)</i>		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization <i>(Core Data Form should be submitted with the program application)</i>		
<input type="checkbox"/> Renewal <i>(Core Data Form should be submitted with the renewal form)</i>	<input checked="" type="checkbox"/> Other	
2. Attachments Describe Any Attachments: <i>(ex. Title V Application, Waste Transporter App)</i>		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Municipal Solid Waste Permit Application		
3. Customer Reference Number <i>(If issued)</i>	Follow this link to search for CN or RN numbers in Central Registry**	4. Regulated Entity Reference Number <i>(if issued)</i>
CN		RN

## SECTION II: Customer Information

5. Effective Date for Customer Information Updates <i>(mm/dd/yyyy)</i>		
6. Customer Role <i>(Proposed or Actual) -- as it relates to the Regulated Entity listed on this form. Please check only one of the following:</i>		
<input type="checkbox"/> Owner	<input type="checkbox"/> Operator	<input checked="" type="checkbox"/> Owner & Operator
<input type="checkbox"/> Occupational Licensee	<input type="checkbox"/> Responsible Party	<input type="checkbox"/> Voluntary Cleanup Applicant
7. General Customer Information		
<input checked="" type="checkbox"/> New Customer		<input type="checkbox"/> Update to Customer Information
<input type="checkbox"/> Change in Legal Name <i>(Verifiable with the Texas Secretary of State)</i>		<input type="checkbox"/> Change in Regulated Entity Ownership
		<input checked="" type="checkbox"/> No Change**
**If "No Change" and Section I is complete, skip to Section III - Regulated Entity Information.		
8. Type of Customer:		
<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	<input type="checkbox"/> Sole Proprietorship- D.B.A
<input type="checkbox"/> City Government	<input type="checkbox"/> County Government	<input type="checkbox"/> Federal Government
<input type="checkbox"/> State Government	<input type="checkbox"/> Other Government	<input type="checkbox"/> General Partnership
<input type="checkbox"/> Limited Partnership	<input checked="" type="checkbox"/> Other: Limited Liability Company	
9. Customer Legal Name <i>(If an Individual, print last name first: ex: Doe, John)</i>		<i>If new Customer, enter previous Customer End Date:</i>
Pintail Landfill LLC		
10. Mailing Address:		
24644 Highway 6		
City	Hempstead	State TX ZIP 77445 ZIP + 4 7234
11. Country Mailing Information <i>(if outside USA)</i>		12. E-Mail Address <i>(if applicable)</i>
		jhammonds@greenfirsilc.com
13. Telephone Number	14. Extension or Code	15. Fax Number <i>(if applicable)</i>
770-720-2717		
16. Federal Tax ID <i>(9 digits)</i>	17. TX State Franchise Tax ID <i>(11 digits)</i>	18. DUNS Number <i>(if applicable)</i>
	32042253453	
19. TX SOS Filing Number <i>(if applicable)</i>		
801294765		
20. Number of Employees		21. Independently Owned and Operated?
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

## SECTION III: Regulated Entity Information

22. General Regulated Entity Information <i>(If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)</i>	
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information <input checked="" type="checkbox"/> No Change** <i>(See below)</i>	
**If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.	
23. Regulated Entity Name <i>(name of the site where the regulated action is taking place)</i>	
Pintail Landfill LLC	

24. Street Address of the Regulated Entity: (No P.O. Boxes)	24644 Highway 6							
	City	Hempstead	State	TX	ZIP	77445	ZIP + 4	7234
25. Mailing Address:	24644 Highway 6							
	City	Hempstead	State	TX	ZIP	77445	ZIP + 4	7234
26. E-Mail Address:	jhammonds@greenfirstllc.com							
27. Telephone Number	28. Extension or Code		29. Fax Number (if applicable)					
770-720-2717								
30. Primary SIC Code (4 digits)	31. Secondary SIC Code (4 digits)	32. Primary NAICS Code (5 or 6 digits)		33. Secondary NAICS Code (5 or 6 digits)				
4953	N/A	562212		N/A				
34. What is the Primary Business of this entity? (Please do not repeat the SIC or NAICS description.)								
Municipal Solid Waste Disposal Facility								

Questions 34 - 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:	Located southeast of the intersection of Highway 6 and Kelley Road in Waller County, Texas.				
36. Nearest City	County		State	Nearest ZIP Code	
Hempstead	Waller		TX	77445	
37. Latitude (N) In Decimal:	30.134167		38. Longitude (W) In Decimal:	-96.061111	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	08	03	-96	03	40

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the dates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance.

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

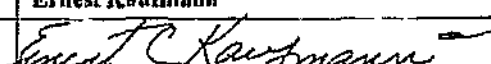
**SECTION IV: Preparer Information**

40. Name:	Kenneth J. Welch, P.E.	41. Title:	Principal
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
817-563-1144		817-563-1224	kwelch@BiggsAndMathews.com

**SECTION V: Authorized Signature**

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	Pintail Landfill, LLC	Job Title:	President, Green Group Holdings, LLC, Manager of Pintail Landfill, LLC
Name (in Print):	Ernest Kaufmann	Phone:	770-720-2717
Signature:		Date:	7/20/11

**PINTAIL LANDFILL  
WALLER COUNTY, TEXAS  
TCEQ PERMIT APPLICATION NO. MSW \_\_\_\_\_**

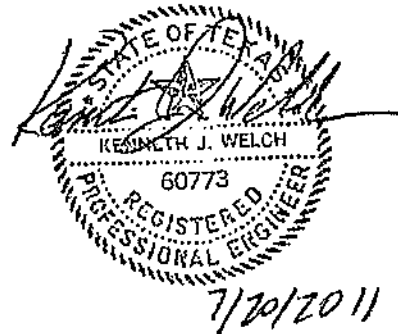
**PERMIT APPLICATION**

**PART I  
SITE AND APPLICANT INFORMATION**

Prepared for

**PINTAIL LANDFILL, LLC**

July 2011



Prepared by

**BIGGS & MATHEWS ENVIRONMENTAL**  
1700 Robert Road, Suite 100 • Mansfield, Texas 76063 • 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
FIRM REGISTRATION No. F-256

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS  
FIRM REGISTRATION No. 50222

# CONTENTS

---

<b>1</b>	<b>GENERAL</b> .....	<b>I-1</b>
1.1	Site History .....	I-1
1.2	Supplementary Technical Report.....	I-2
<b>2</b>	<b>FACILITY LOCATION</b> .....	<b>I-4</b>
2.1	Location Description .....	I-4
2.2	Access Routes.....	I-4
2.3	Geographic Coordinates .....	I-4
<b>3</b>	<b>MAPS</b> .....	<b>I-5</b>
3.1	General Location Maps .....	I-5
3.2	Land Ownership Map and Land Owners List.....	I-5
<b>4</b>	<b>PROPERTY OWNER INFORMATION</b> .....	<b>I-6</b>
4.1	Legal Description .....	I-6
4.2	Drainage, Pipeline, and Utility Easements .....	I-6
4.3	Property Owner Affidavit .....	I-6
<b>5</b>	<b>LEGAL AUTHORITY</b> .....	<b>I-7</b>
<b>6</b>	<b>EVIDENCE OF COMPETENCY</b> .....	<b>I-8</b>
6.1	Management and Personnel .....	I-8
6.2	Equipment Dedicated to the Pintail Landfill .....	I-9
<b>7</b>	<b>APPOINTMENTS</b> .....	<b>I-10</b>
7.1	Engineer's Appointment.....	I-11
<b>8</b>	<b>APPLICATION FEES</b> .....	<b>I-12</b>

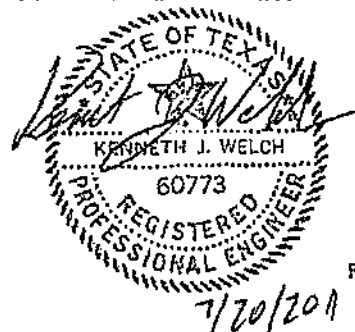
APPENDIX IA – GENERAL LOCATION MAPS

APPENDIX IB – LAND OWNERSHIP MAP AND LAND OWNERS LIST

APPENDIX IC – LEGAL DESCRIPTION AND PROPERTY BOUNDARY MAP

APPENDIX ID – LEGAL AUTHORITY

APPENDIX IE – DOCUMENTATION OF APPLICATION FEE PAYMENT



# 1 GENERAL

30 TAC §330.59(a)(1)

Pintail Landfill, LLC intends to permit and operate a new municipal solid waste disposal facility in northwest Waller County off State Highway 6. The Pintail Landfill will be a Type I Municipal Solid Waste Disposal Facility. The site entrance will be located about 1 ½ miles north of the intersection of State Highway 6 and US Highway 290, on the east side of State Highway 6. The proposed facility is intended to provide waste disposal for the City of Hempstead, Waller County, and the surrounding areas. The facility will be designed to protect the health and safety of the people in the region.

This application has been prepared consistent with 30 TAC Chapter 330 Municipal Solid Waste Management Regulations (MSWMR) adopted by the Texas Commission on Environmental Quality (TCEQ), effective March 27, 2006 and May 29, 2008.

Part I of this permit application contains information about the site and the applicant as required in 30 TAC §§281.5, 305.45, and 330.59. Part II of the permit application describes the existing conditions and character of the facility and surrounding area as required in §330.61.

A subsequent submittal, following the land use compatibility determination, will include Parts III and IV. Part III of the permit application will present engineering information, detailed investigative reports, the schematic designs of the facility, and the required plans as required in §330.63. Part IV of the permit application will contain the Site Operating Plan, which includes specific information regarding the daily operations of the site, as required in §330.65.

## 1.1 Site History

Pintail Landfill, LLC has entered into an agreement with Merango Family Properties, Ltd. for the purchase of a tract of land consisting of 723.077 (approximately 723) acres. Pintail Landfill, LLC will locate the proposed Pintail Landfill consisting of a permit boundary of approximately 434 acres within this tract of land. Refer to Drawing IA.6 – General Site Plan for the property boundary and permit boundary. The overall property consists of gently undulating grasslands with limited forest cover. The property generally slopes to the south and southeast to three unnamed tributaries of Clear Creek. These tributaries are located in the west, central, and east portions of the property. Clear Creek is located approximately 150 feet southeast of the site, and generally flows in a north to south direction.

Merango Family Properties, Ltd. purchased the land in 2005 and has since used the property as rangeland for grazing cattle. The property has been historically used as rangeland dating back at least to the mid-1950s. No waste disposal activities have

occurred on the site and no permitting or construction permit approvals have been received or applied for.

## **1.2 Supplementary Technical Report**

The proposed Pintail Landfill permit boundary will encompass about 434 acres out of the approximately 723-acre property boundary. An industrial park will be located along the State Highway 6 frontage to the property and will be home to local businesses. Pintail Landfill LLC intends to donate land for an area volunteer fire station on the property outside the permit boundary. The landfill facility will be accessed from State Highway 6 through an entrance road. A gatehouse and scales will be provided within the permit boundary. Additional facilities will include an office, maintenance area, citizen convenience center, construction and demolition materials recycling and re-use area, and composting area.

The landfill footprint will cover approximately 250 acres and is intended to provide about 41 years of site life. The landfill method will be below-grade fill with 3H:1V liner sidewall slopes and aerial fill with 4H:1V final cover side slopes, with a maximum 6 percent final cover top slope. The drainage system will be designed to meet or exceed TCEQ and EPA requirements for runoff and runoff. The landfill liner, leachate collection, final cover, gas monitoring, and groundwater monitoring systems will be designed to meet the Subtitle D and TCEQ requirements, whichever are more stringent.

The proposed landfill will have a waste disposal capacity of approximately 30 million cubic yards of waste and daily/intermediate cover, or approximately 24 million tons of waste capacity.

It is estimated that the landfill will receive about 429,000 tons of waste (approximately 1,500 tons per day) in the initial year following construction of the facility. The waste acceptance rate will vary over the life of the facility depending on market conditions. The maximum rate of waste disposal is expected to be approximately 809,500 tons per year (approximately 2,830 tons per day). The waste acceptance rate per day is based on the facility being authorized to accept waste six days per week.

The following table provides a summary of the current proposed permit conditions:

**PERMIT CONDITION SUMMARY**

	Proposed Condition
Permitted Area	434 acres
Waste Disposal Unit Area	250 acres
Buffer / Other Areas	184 acres
Total Permitted Capacity	30 million cy
Total Projected Site Life	41 years
Maximum Elevation of Final Cover (msl)	410 ft
Elevation of Deepest Excavation (msl)	175 ft

The major classifications of solid waste to be accepted at the Pintail Landfill include municipal solid waste, special waste, and Class 2 and 3 industrial wastes. Special wastes accepted at the facility authorized by §330.171(c) include regulated asbestos-containing materials (RACM), nonregulated asbestos-containing materials (non-RACM), and empty containers. In addition, other special wastes may be accepted based on a waste-specific approval as authorized by §330.171(b) and the facility.

The Pintail Landfill will not accept medical waste, sewage, dead animals and/or slaughterhouse waste, sludge, grease trap waste, grit trap waste, liquid waste from municipal sources, municipal hazardous waste from conditionally exempt small quantity generators, Class 1 nonhazardous industrial waste, or out-of-state wastes. The waste classifications are defined in §330.3.

Consistent with §330.15, the facility will not accept for disposal lead acid storage batteries; used motor vehicle oil; used oil filters; whole used or scrap tires; refrigerators, freezers, air conditioners or other items containing chlorinated fluorocarbons (CFC); bulk or noncontainerized liquid waste from nonhousehold sources; regulated hazardous waste; polychlorinated biphenyls (PCB) waste; radioactive materials; or other wastes prohibited by TCEQ regulations.

## **2 FACILITY LOCATION**

30 TAC §330.59(b)(1)-(3)

### **2.1 Location Description**

The Pintail Landfill is a proposed Type I Municipal Solid Waste Disposal Facility located in northwest Waller County, Texas. The Pintail Landfill is approximately one mile north of the intersection of State Highway 6 and US Highway 290, east of State Highway 6. The next nearest community is the City of Hempstead, which is centered about 2 1/2 miles to the south. The proposed landfill location is inside the extraterritorial jurisdiction of the City of Hempstead and outside the City of Hempstead city limits.

The U.S. Postal Service address for the proposed facility location is 24644 Highway 6, Hempstead, Texas, 77445.

### **2.2 Access Routes**

The entrance to the Pintail Landfill site is located on State Highway 6, approximately 1 1/2 miles north of the intersection of State Highway 6 and US Highway 290. State Highway 6 is the primary north-south regional access route. The primary east-west regional access routes for the facility will be provided by US Highway 290.

Refer to Part II, Section 9 – Transportation for more detailed transportation information. Refer to Drawing IA.1 – General Highway Map – Waller County for the location of the facility in relation to the surrounding roads.

### **2.3 Geographic Coordinates**

The latitudinal and longitudinal geographic coordinates of the facility are:

Latitude: N 30°08'03"

Longitude: W 96°03'40"



### **3 MAPS**

30 TAC §§305.45(a)(6), 330.59(c)(1)-(3)

#### **3.1 General Location Maps**

The following maps, collectively as a group, comply with the rule requirements of §330.59(c)(1)-(2) and §305.45. Drawing IA.4 depicts the information required by 30 TAC §305.45(a)(6)(A). These general location maps are included in Appendix IA – General Location Maps.

- Drawing IA.1 – General Highway Map – Waller County
- Drawing IA.2 – Detailed Highway Map – Waller County (Texas Department of Transportation, General Highway Map for Waller County, Texas)
- Drawing IA.3 – General Topographic Map (USGS General Topographic Map for the Howth and Hempstead, Texas Quadrants)
- Drawing IA.4 – Water Wells and Springs Within One-Mile Radius
- Drawing IA.5 – Aerial Photograph
- Drawing IA.6 – General Site Plan

#### **3.2 Land Ownership Map and Land Owners List**

A Land Ownership Map and Land Owners List are included in Appendix IB, and reflect current property ownership within a 1/4-mile radius of the proposed permit boundary and mineral interest ownership beneath the facility property, as shown in records of the Waller County Appraisal District, and holders of on-site easements. The map and list meet the requirements of 30 TAC §305.45(a), §330.59(c)(3), and §281.5. The list is also provided in electronic format on the enclosed CD per the requirements of 30 TAC §330.59(c)(3)(B).

## **4 PROPERTY OWNER INFORMATION**

*30 TAC §330.59(d)(1)-(2); 330.61(c)(10)*

### **4.1 Legal Description**

The legal description for the Pintail Landfill, LLC property boundary and the Waller County Clerk's file number are included in Appendix IC. The metes and bounds description of the proposed permit boundary and a drawing of that description are included in Appendix IC, Drawing IC.1 – Permit Boundary Map.

### **4.2 Drainage, Pipeline, and Utility Easements**

There are three utility easements on the site. A 15-foot-wide easement granted to San Bernard Electric Cooperative, Inc, and a 50-foot-wide easement granted to Gulf States Utility Company (now Entergy Texas, Inc.) cross the site entrance area near State Highway 6. A 12-foot-wide easement granted to Gulf States Utility Company enters the site from the west near State Highway 6 south of the site entrance area. The locations of these easements are shown on Drawing IIA.8 – General Site Plan. There are no drainage or pipeline easements on or adjacent to the site..

### **4.3 Property Owner Affidavit**

The property owner affidavit for this permit application found on page 9 of the Part I Form meets the requirements of §330.59(d)(2).

## **5 LEGAL AUTHORITY**

---

*30 TAC §330.59(e)*

The legal authority and status of the applicant has been verified as required by §330.59(e) and §281.5 and is included in Appendix ID – Legal Authority. Pintail Landfill, LLC will own and operate the Pintail Landfill. The current owner of the site is Marengo Family Properties, Inc. No other person or entity owns more than 20 percent of the facility.

## 6 EVIDENCE OF COMPETENCY

30 TAC §330.59(f)(1)-(6)

The evidence of competency for this permit applicant follows and meets the requirements of §330.59(f).

Pintail Landfill LLC, a Texas limited liability company, will own and operate the permitted municipal solid waste landfill facility. Pintail Landfill, LLC does not own or operate other landfill facilities in Texas.

Pintail Landfill, LLC has no financial interests outside the state of Texas.

### 6.1 Management and Personnel

Consistent with §330.59(f)(4), the names of the Pintail Landfill, LLC principals and supervisors are provided below along with previous affiliations with other organizations engaged in solid waste activities.

**Ernest Kaufmann** – Mr. Kaufmann has spent the last 20 years as a solid waste professional, including as an elected member of the City of Huntsville, Alabama City Council, and as an executive and manager with BFI. Mr. Kaufmann has led groups of professionals in permitting and developing environmental infrastructure projects in the southern United States. These projects have included MSW landfills, stream mitigation banks, water distribution, sanitary sewage facilities, and industrial parks. Mr. Kaufmann is now President of Green Group Holdings, LLC, a development company focusing on solid waste landfills and the manager of Pintail Landfill, LLC. Mr. Kaufmann has participated in numerous waste industry groups including SWANA and NSWMA.

**Oscar Allen** – Mr. Allen has worked for 30 years in both the power and waste management fields. After starting as an engineer in the nuclear energy field, he moved to coal fired generation and then on to the Waste to Energy business where he was an engineer and executive for over 15 years. Mr. Allen has permitted and operated numerous waste to energy facilities around the United States with Covanta. Operation of these facilities included overseeing the residuals and bypass landfills associated with each. Mr. Allen joined Green Group Holdings, LLC in 2010 as Executive Vice President.

### **Landfill Manager**

The landfill manager, at a minimum, will have experience in earthmoving operations, and will have a minimum of one year of landfill operational experience. The landfill manager will have and maintain a MSW Facility Class A license as a municipal solid waste facility supervisor in accordance with 30 TAC, Chapter 30, Subchapter F: Municipal Solid Waste Facility Supervisors.

The aforementioned staff will provide oversight and training for employees at the facility. Individual experience of on-site operators will be provided to the TCEQ officials upon request.

## **6.2 Equipment Dedicated to the Pintail Landfill**

Sufficient equipment will be provided to conduct site operations in accordance with the landfill design and permit conditions. The equipment requirements for this facility will be based on anticipated solid waste volume and field conditions consistent with §330.127(2).

## **7 APPOINTMENTS**

---

*30 TAC §330.59(g)*

The appointments prepared for this permit application meet the requirements of §330.59(g) and §305.44. The Engineer's Appointment is provided on the following page.

## 7.1 Engineer's Appointment

### NOTICE OF APPOINTMENT Engineer's Appointment

Mr. Mark R. Vickery, P.G.  
Executive Director  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, Texas 78711-3087

Dear Mr. Vickery:

This is to advise you that officials at Pintail Landfill, LLC have duly appointed Biggs and Mathews Environmental, Inc., as consulting and designing engineers for the purpose of submitting engineering reports and planning material for a permit application for the Pintail Landfill.

Biggs and Mathews Environmental, Inc. is an engineering firm employing professional engineers in good standing in accordance with State statutes, and the firm has experience in the design and construction of similar facilities. Kenneth J. Welch, P.E., Principal, with Biggs and Mathews Environmental, Inc. is Engineer of Record for this permit application. He is registered in the state of Texas and has more than 25 years of experience in engineering.

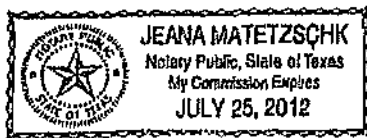
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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

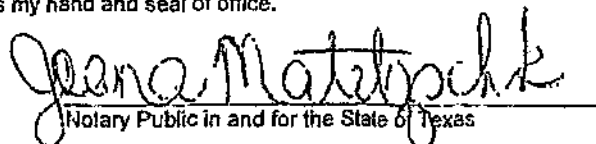
We herewith authorize you to review and comment on such reports, planning material, and data on this proposed project as Biggs and Mathews Environmental, Inc., may submit to you.

ATTEST:

  
Ernest Kaufmann,  
President, Green Group Holdings, LLC,  
Manager of Pintail Landfill, LLC

SWORN TO AND SUBSCRIBED BEFORE ME by Ernest Kaufmann on this 30<sup>th</sup> day  
of July, 2011, which witness my hand and seal of office.



  
Notary Public in and for the State of Texas  
Jeana Matetzschk  
Printed Name  
My Commission Expires: 7/25/2012

## **8 APPLICATION FEES**

---

*30 TAC §330.59(h)(1)-(2)*

On behalf of Pintali Landfill, LLC, Biggs and Mathews Environmental, Inc. has made payment of the \$150 permit application fee in accordance with §330.59(h). This fee was paid online using TCEQ e-pay at [www.tceq.state.tx.us/epay](http://www.tceq.state.tx.us/epay).

The e-pay confirmation number is **582EA000100633**. The e-pay receipt is provided in Appendix IE – Documentation of Application Fee Payment.

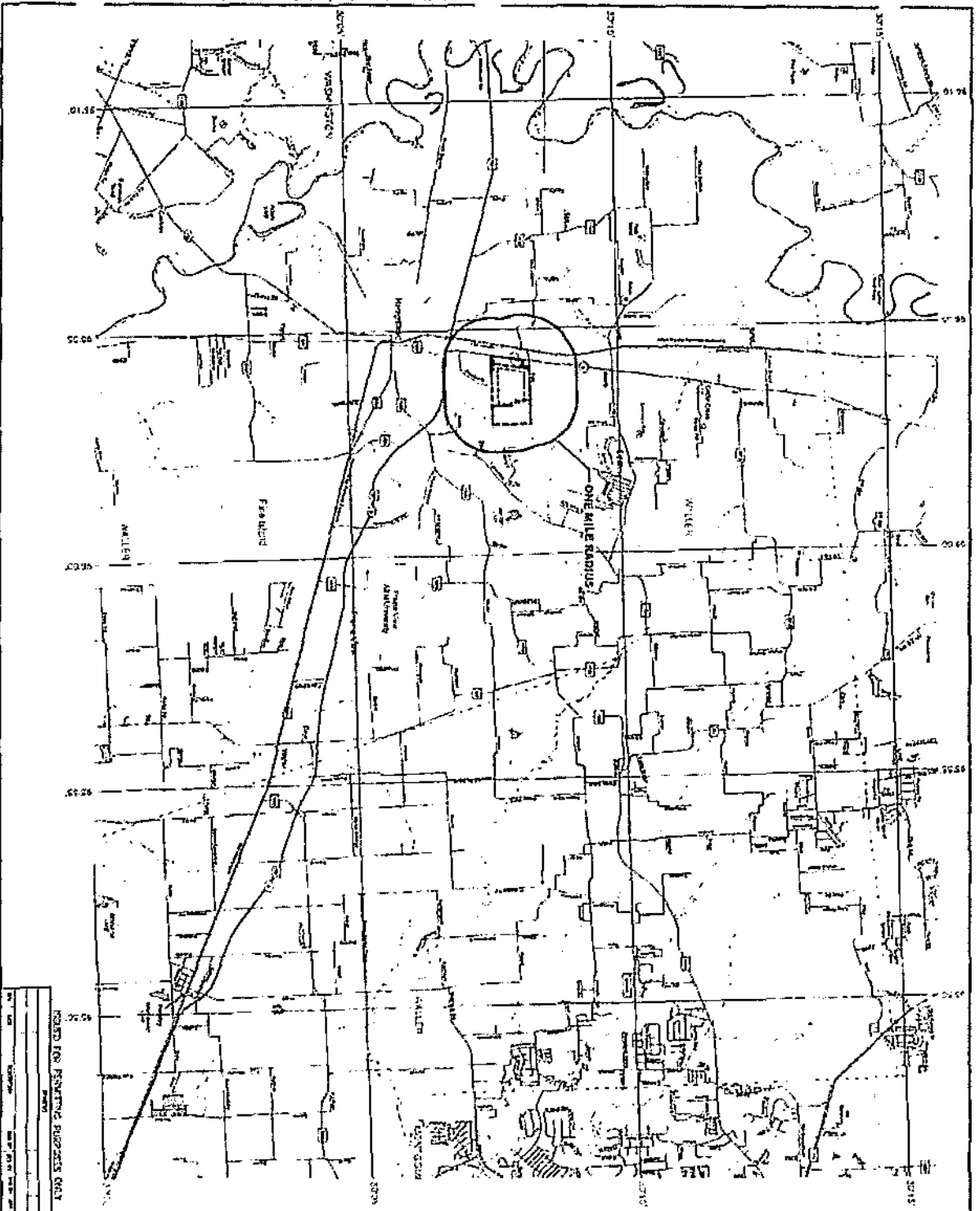


**PINTAIL LANDFILL**  
**APPENDIX IA**  
**GENERAL LOCATION MAPS**

## **CONTENTS**

---

- IA.1 General Highway Map – Waller County
- IA.2 Detailed Highway Map – Waller County
- IA.3 General Topographic Map
- IA.4 Water Wells and Springs Within One-Mile Radius
- IA.5 Aerial Photograph
- IA.6 General Site Plan



BOARD FOR PERMITTING DISAPPEARS ONLY

**GENERAL HIGHWAY MAP**  
**PRYAL LANDFILL, LLC**  
**PRYAL LANDFILL**  
**PERMIT APPLICATION**

**EADES & MATHEWS**  
 ENVIRONMENTAL  
 CONSULTING AND ENGINEERING  
 1500 W. 14TH ST., SUITE 100  
 WACO, TEXAS 76798-1405  
 (817) 870-1405

DATE: 07/29/2011  
 TIME: 10:00 AM  
 DRAWN BY: JLM  
 CHECKED BY: JLM  
 SCALE: AS SHOWN  
 SHEET NO.: 1A.1



TEXAS DEPARTMENT OF TRANSPORTATION  
 TRANSPORTATION CENTER, AUSTIN, TEXAS 78755

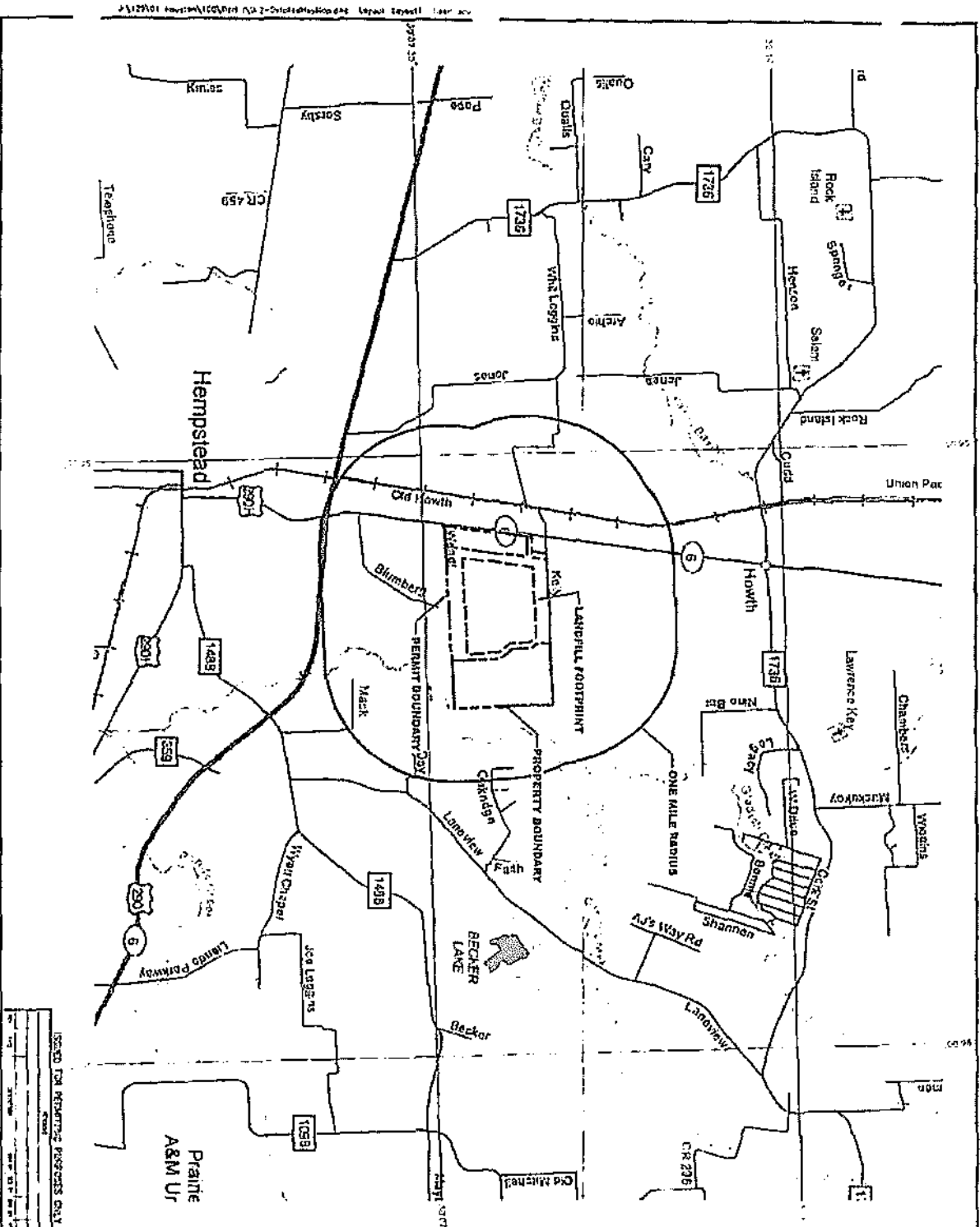
**NOTE:**  
 1. GENERAL HIGHWAY MAP DERIVED FROM  
 1:50,000 SCALE MAP OF PART OF THE COUNTY  
 APPROVED AND DATED JANUARY 15, 1971.

**GENERAL HIGHWAY MAP**  
**WALLER COUNTY**  
**TEXAS**

PROPERTY BOUNDARY  
 ROAD BOUNDARY  
 VARIETAL DISTRICT

LEGEND

SCALE: 1" = 1 MILE



ISSUED FOR PERMITTING PURPOSES ONLY

DATE	BY	REVISION
12/15/11	WJ	ISSUE
12/15/11	WJ	REVISED
12/15/11	WJ	REVISED
12/15/11	WJ	REVISED
12/15/11	WJ	REVISED

DETAILED HIGHWAY MAP  
 PRINCE LANDFILL, LLC  
 PRINCE LANDFILL  
 PERMIT APPLICATION

ROBERT J. WELSH  
 COUNTY ENGINEER  
 WALLER COUNTY, TEXAS



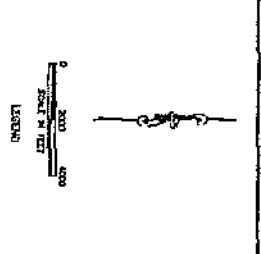
1. GENERAL HIGHWAY MAP OBTAINED FROM TEXAS DEPARTMENT OF TRANSPORTATION MAPBOOK 2010 ON JANUARY 13, 2011.

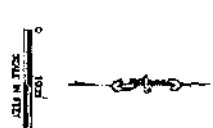
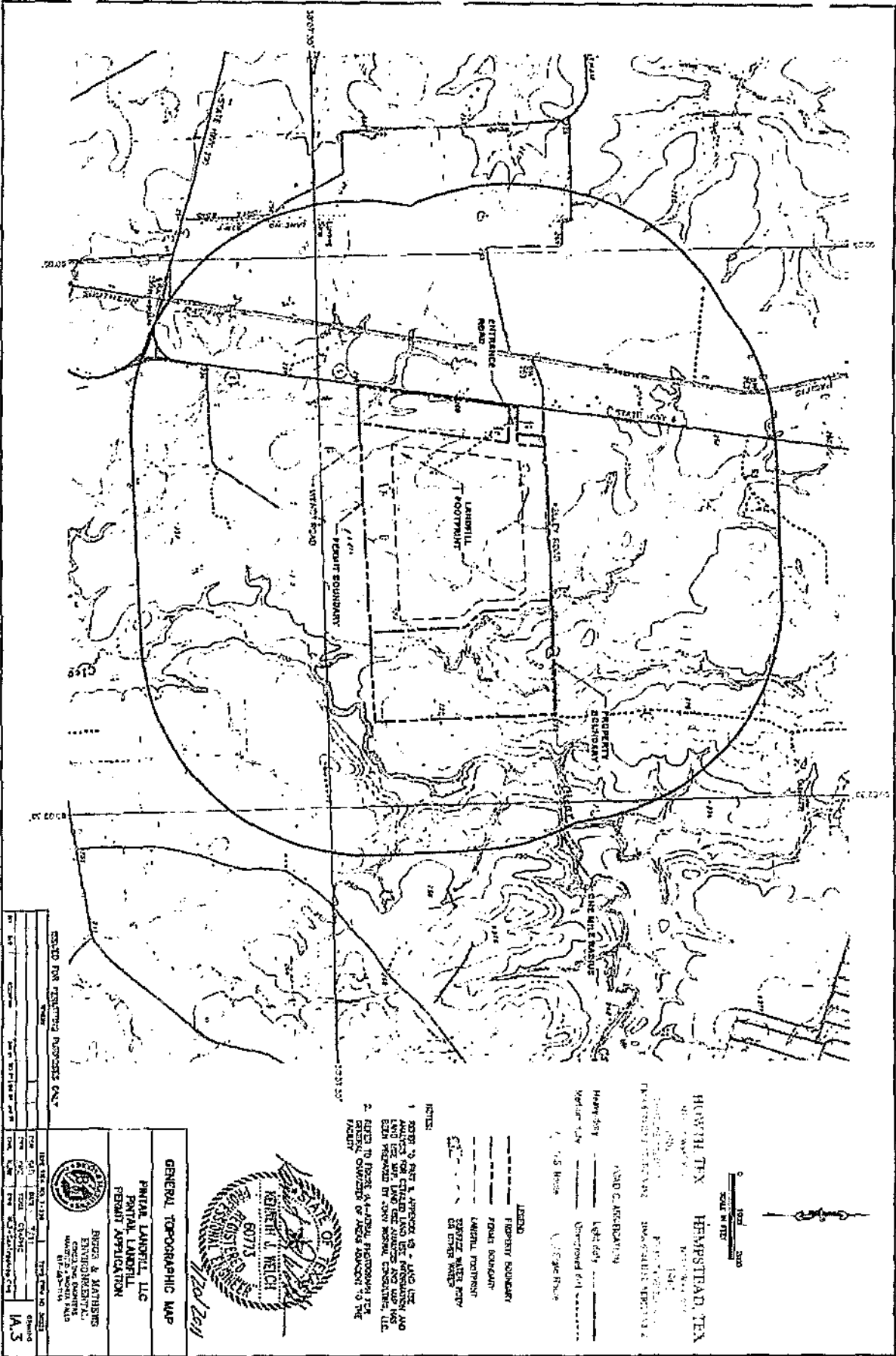
GENERAL HIGHWAY MAP  
 WALLER COUNTY  
 TEXAS

REVISED BY THE  
 TEXAS DEPARTMENT OF TRANSPORTATION  
 TRANSPORTATION DIVISION AND PRODUCTION DIVISION  
 TRANSPORTATION MAPBOOK 2010

LEGEND

- PROPERTY BOUNDARY
- PERMIT BOUNDARY
- LANDFILL FOOTPRINT
- CR 459
- CR 201
- CR 259
- CR 236
- CR 206
- CR 207
- CR 208
- CR 209
- CR 210
- CR 211
- CR 212
- CR 213
- CR 214
- CR 215
- CR 216
- CR 217
- CR 218
- CR 219
- CR 220
- CR 221
- CR 222
- CR 223
- CR 224
- CR 225
- CR 226
- CR 227
- CR 228
- CR 229
- CR 230
- CR 231
- CR 232
- CR 233
- CR 234
- CR 235
- CR 236
- CR 237
- CR 238
- CR 239
- CR 240
- CR 241
- CR 242
- CR 243
- CR 244
- CR 245
- CR 246
- CR 247
- CR 248
- CR 249
- CR 250
- CR 251
- CR 252
- CR 253
- CR 254
- CR 255
- CR 256
- CR 257
- CR 258
- CR 259
- CR 260
- CR 261
- CR 262
- CR 263
- CR 264
- CR 265
- CR 266
- CR 267
- CR 268
- CR 269
- CR 270
- CR 271
- CR 272
- CR 273
- CR 274
- CR 275
- CR 276
- CR 277
- CR 278
- CR 279
- CR 280
- CR 281
- CR 282
- CR 283
- CR 284
- CR 285
- CR 286
- CR 287
- CR 288
- CR 289
- CR 290
- CR 291
- CR 292
- CR 293
- CR 294
- CR 295
- CR 296
- CR 297
- CR 298
- CR 299
- CR 300





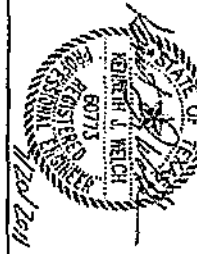
HOWYTH TEX HERBSTAD TEX  
 PROJECT NO. 121193  
 PROJECT NAME: ...  
 DATE: ...

LAND & ASSOCIATION  
 ...  
 ...

- LEGEND
- PROPERTY BOUNDARY
  - FRONT BOUNDARY
  - LANDRILL FOOTPRINT
  - SWEET WATER POND OR OTHER WATS
  - ENTRANCE ROAD
  - PERMIT BOUNDARY
  - VEGETATION
  - STATE HIGHWAY
  - ROAD
  - RAILROAD
  - STREAM
  - CONTOUR
  - SPOT ELEVATION

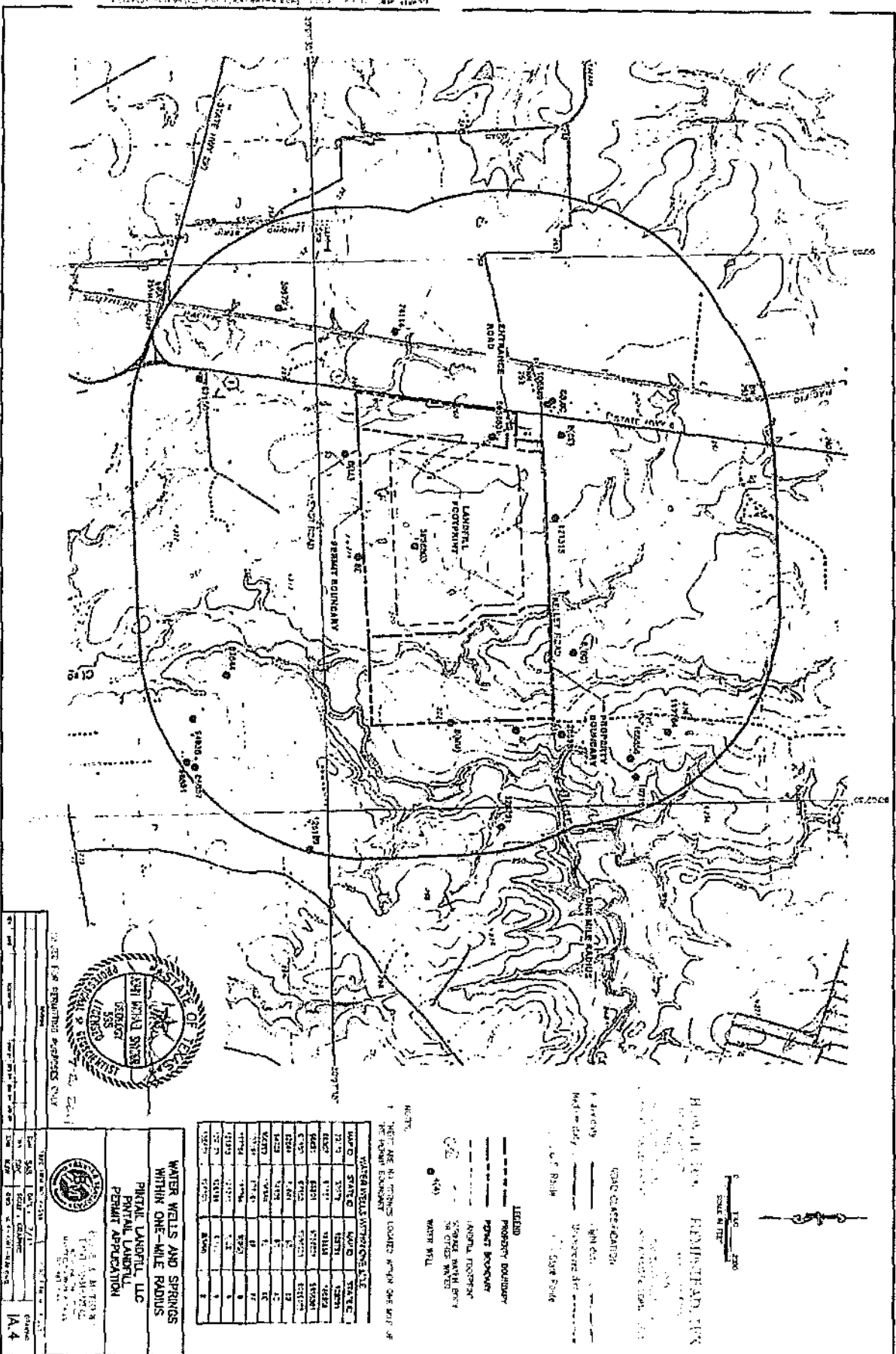
NOTES:

- NOTE TO PART 1 APPROVE AS SHOWN AND USE FOR PERMIT APPLICATIONS FOR CONSTRUCTION AND EXCAVATION WORK. THIS MAP WAS PREPARED BY JOHN MORGAN CONSULTING, LLC. UNDER THE SUPERVISION OF JASON MORGAN, THE SENIOR SURVEYOR OF JOHN MORGAN CONSULTING, LLC.
- REFER TO PART 4 FOR A DETAILED DESCRIPTION OF THE PROPERTY BOUNDARY.



GENERAL TOPOGRAPHIC MAP  
 PRIMA LANDRELL, LLC  
 PRIMA LANDRELL  
 PERMIT APPLICATION  
 ENGINE & MATHEWS  
 ENVIRONMENTAL  
 CONSULTING COMPANY  
 1777 WEST 17TH ST  
 DALLAS, TEXAS 75244

DATE	BY	DESCRIPTION
12/15/2011	JM	INITIAL DESIGN
12/16/2011	JM	REVISED DESIGN
12/17/2011	JM	FINAL DESIGN



STATE OF TEXAS

COUNTY OF ...

...



WATER WELLS AND SPRINGS  
WITHIN ONE-MILE RADIUS

PINJAL LANDFILL, LLC  
PINJAL LANDFILL  
PERMIT APPLICATION

...

WATER WELLS WITHIN ONE-MILE RADIUS

WELL NO.	STATUS	DEPTH	DATE	TYPE
1000	...	...	...	...
1001	...	...	...	...
1002	...	...	...	...
1003	...	...	...	...
1004	...	...	...	...
1005	...	...	...	...
1006	...	...	...	...
1007	...	...	...	...
1008	...	...	...	...
1009	...	...	...	...
1010	...	...	...	...
1011	...	...	...	...
1012	...	...	...	...
1013	...	...	...	...
1014	...	...	...	...
1015	...	...	...	...
1016	...	...	...	...
1017	...	...	...	...
1018	...	...	...	...
1019	...	...	...	...
1020	...	...	...	...
1021	...	...	...	...
1022	...	...	...	...
1023	...	...	...	...
1024	...	...	...	...
1025	...	...	...	...
1026	...	...	...	...
1027	...	...	...	...
1028	...	...	...	...
1029	...	...	...	...
1030	...	...	...	...

NOTE: ALL WELLS LOCATED WITHIN ONE-MILE RADIUS OF THE PROPOSED FACILITY.

...

LEGEND

- PROPERTY BOUNDARY
- PROPOSED FACILITY
- ADJACENT PROPERTY
- ADJACENT WELLS
- WATER WELLS

ROAD CLASSIFICATION

- ...
- ...
- ...

SCALE IN FEET

1" = 200'

...

...

IA.4



QUANTIFIED AIR POLLUTANT EMISSIONS ONLY

Source	CO	NOx	PM10	PM2.5	SOx
1.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25.0000	0.0000	0.0000	0.0000	0.0000	0.0000
26.0000	0.0000	0.0000	0.0000	0.0000	0.0000
27.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0000	0.0000	0.0000	0.0000	0.0000	0.0000
29.0000	0.0000	0.0000	0.0000	0.0000	0.0000
30.0000	0.0000	0.0000	0.0000	0.0000	0.0000
31.0000	0.0000	0.0000	0.0000	0.0000	0.0000
32.0000	0.0000	0.0000	0.0000	0.0000	0.0000
33.0000	0.0000	0.0000	0.0000	0.0000	0.0000
34.0000	0.0000	0.0000	0.0000	0.0000	0.0000
35.0000	0.0000	0.0000	0.0000	0.0000	0.0000
36.0000	0.0000	0.0000	0.0000	0.0000	0.0000
37.0000	0.0000	0.0000	0.0000	0.0000	0.0000
38.0000	0.0000	0.0000	0.0000	0.0000	0.0000
39.0000	0.0000	0.0000	0.0000	0.0000	0.0000
40.0000	0.0000	0.0000	0.0000	0.0000	0.0000
41.0000	0.0000	0.0000	0.0000	0.0000	0.0000
42.0000	0.0000	0.0000	0.0000	0.0000	0.0000
43.0000	0.0000	0.0000	0.0000	0.0000	0.0000
44.0000	0.0000	0.0000	0.0000	0.0000	0.0000
45.0000	0.0000	0.0000	0.0000	0.0000	0.0000
46.0000	0.0000	0.0000	0.0000	0.0000	0.0000
47.0000	0.0000	0.0000	0.0000	0.0000	0.0000
48.0000	0.0000	0.0000	0.0000	0.0000	0.0000
49.0000	0.0000	0.0000	0.0000	0.0000	0.0000
50.0000	0.0000	0.0000	0.0000	0.0000	0.0000

**AERIAL PHOTOGRAPH**

**PINTAL LANDFILL, LLC**

**PINTAL LANDFILL**

**PERMIT APPLICATION**

**THOMAS & MCFARLANE**

**ENGINEERS & ARCHITECTS**

**1000 WEST 10TH STREET**

**AMARILLO, TEXAS 79121**

**NO. 15133-A**

DATE: 01/11/14

SCALE: AS SHOWN

PROJECT NO: 15133

Drawing: **A.5**



1. AERIAL PHOTOGRAPH AT AND ABOUT JANUARY 2014, CORRECTED FROM 10:00:27:00 TO 10:00:28:00 ON JANUARY 13, 2014 FOR THE FOLLOWING TO MAKE DIMENSIONS CORRECT.

HOUSTON, TEXAS

2. DATE OF AERIAL PHOTOGRAPH: 01/11/14

3. DATE OF PERMIT APPLICATION: 01/11/14

4. DATE OF PERMIT DECISION: 01/11/14

5. DATE OF PERMIT ISSUANCE: 01/11/14

6. DATE OF PERMIT EXPIRATION: 01/11/15

7. DATE OF PERMIT RENEWAL: 01/11/15

8. DATE OF PERMIT CANCELLATION: 01/11/15

9. DATE OF PERMIT REINSTATEMENT: 01/11/15

10. DATE OF PERMIT REVOCATION: 01/11/15

11. DATE OF PERMIT SUSPENSION: 01/11/15

12. DATE OF PERMIT RESCINDMENT: 01/11/15

13. DATE OF PERMIT WITHDRAWAL: 01/11/15

14. DATE OF PERMIT REINSTATEMENT: 01/11/15

15. DATE OF PERMIT REVOCATION: 01/11/15

16. DATE OF PERMIT SUSPENSION: 01/11/15

17. DATE OF PERMIT RESCINDMENT: 01/11/15

18. DATE OF PERMIT WITHDRAWAL: 01/11/15

19. DATE OF PERMIT REINSTATEMENT: 01/11/15

20. DATE OF PERMIT REVOCATION: 01/11/15

21. DATE OF PERMIT SUSPENSION: 01/11/15

22. DATE OF PERMIT RESCINDMENT: 01/11/15

23. DATE OF PERMIT WITHDRAWAL: 01/11/15

24. DATE OF PERMIT REINSTATEMENT: 01/11/15

25. DATE OF PERMIT REVOCATION: 01/11/15

26. DATE OF PERMIT SUSPENSION: 01/11/15

27. DATE OF PERMIT RESCINDMENT: 01/11/15

28. DATE OF PERMIT WITHDRAWAL: 01/11/15

29. DATE OF PERMIT REINSTATEMENT: 01/11/15

30. DATE OF PERMIT REVOCATION: 01/11/15

31. DATE OF PERMIT SUSPENSION: 01/11/15

32. DATE OF PERMIT RESCINDMENT: 01/11/15

33. DATE OF PERMIT WITHDRAWAL: 01/11/15

34. DATE OF PERMIT REINSTATEMENT: 01/11/15

35. DATE OF PERMIT REVOCATION: 01/11/15

36. DATE OF PERMIT SUSPENSION: 01/11/15

37. DATE OF PERMIT RESCINDMENT: 01/11/15

38. DATE OF PERMIT WITHDRAWAL: 01/11/15

39. DATE OF PERMIT REINSTATEMENT: 01/11/15

40. DATE OF PERMIT REVOCATION: 01/11/15

41. DATE OF PERMIT SUSPENSION: 01/11/15

42. DATE OF PERMIT RESCINDMENT: 01/11/15

43. DATE OF PERMIT WITHDRAWAL: 01/11/15

44. DATE OF PERMIT REINSTATEMENT: 01/11/15

45. DATE OF PERMIT REVOCATION: 01/11/15

46. DATE OF PERMIT SUSPENSION: 01/11/15

47. DATE OF PERMIT RESCINDMENT: 01/11/15

48. DATE OF PERMIT WITHDRAWAL: 01/11/15

49. DATE OF PERMIT REINSTATEMENT: 01/11/15

50. DATE OF PERMIT REVOCATION: 01/11/15

51. DATE OF PERMIT SUSPENSION: 01/11/15

52. DATE OF PERMIT RESCINDMENT: 01/11/15

53. DATE OF PERMIT WITHDRAWAL: 01/11/15

54. DATE OF PERMIT REINSTATEMENT: 01/11/15

55. DATE OF PERMIT REVOCATION: 01/11/15

56. DATE OF PERMIT SUSPENSION: 01/11/15

57. DATE OF PERMIT RESCINDMENT: 01/11/15

58. DATE OF PERMIT WITHDRAWAL: 01/11/15

59. DATE OF PERMIT REINSTATEMENT: 01/11/15

60. DATE OF PERMIT REVOCATION: 01/11/15

61. DATE OF PERMIT SUSPENSION: 01/11/15

62. DATE OF PERMIT RESCINDMENT: 01/11/15

63. DATE OF PERMIT WITHDRAWAL: 01/11/15

64. DATE OF PERMIT REINSTATEMENT: 01/11/15

65. DATE OF PERMIT REVOCATION: 01/11/15

66. DATE OF PERMIT SUSPENSION: 01/11/15

67. DATE OF PERMIT RESCINDMENT: 01/11/15

68. DATE OF PERMIT WITHDRAWAL: 01/11/15

69. DATE OF PERMIT REINSTATEMENT: 01/11/15

70. DATE OF PERMIT REVOCATION: 01/11/15

71. DATE OF PERMIT SUSPENSION: 01/11/15

72. DATE OF PERMIT RESCINDMENT: 01/11/15

73. DATE OF PERMIT WITHDRAWAL: 01/11/15

74. DATE OF PERMIT REINSTATEMENT: 01/11/15

75. DATE OF PERMIT REVOCATION: 01/11/15

76. DATE OF PERMIT SUSPENSION: 01/11/15

77. DATE OF PERMIT RESCINDMENT: 01/11/15

78. DATE OF PERMIT WITHDRAWAL: 01/11/15

79. DATE OF PERMIT REINSTATEMENT: 01/11/15

80. DATE OF PERMIT REVOCATION: 01/11/15

81. DATE OF PERMIT SUSPENSION: 01/11/15

82. DATE OF PERMIT RESCINDMENT: 01/11/15

83. DATE OF PERMIT WITHDRAWAL: 01/11/15

84. DATE OF PERMIT REINSTATEMENT: 01/11/15

85. DATE OF PERMIT REVOCATION: 01/11/15

86. DATE OF PERMIT SUSPENSION: 01/11/15

87. DATE OF PERMIT RESCINDMENT: 01/11/15

88. DATE OF PERMIT WITHDRAWAL: 01/11/15

89. DATE OF PERMIT REINSTATEMENT: 01/11/15

90. DATE OF PERMIT REVOCATION: 01/11/15

91. DATE OF PERMIT SUSPENSION: 01/11/15

92. DATE OF PERMIT RESCINDMENT: 01/11/15

93. DATE OF PERMIT WITHDRAWAL: 01/11/15

94. DATE OF PERMIT REINSTATEMENT: 01/11/15

95. DATE OF PERMIT REVOCATION: 01/11/15

96. DATE OF PERMIT SUSPENSION: 01/11/15

97. DATE OF PERMIT RESCINDMENT: 01/11/15

98. DATE OF PERMIT WITHDRAWAL: 01/11/15

99. DATE OF PERMIT REINSTATEMENT: 01/11/15

100. DATE OF PERMIT REVOCATION: 01/11/15

**LEGEND**

- PROPERTY BOUNDARY
- EASEMENT BOUNDARY
- LANDFILL FOOTPRINT

**SCALE & FEET**

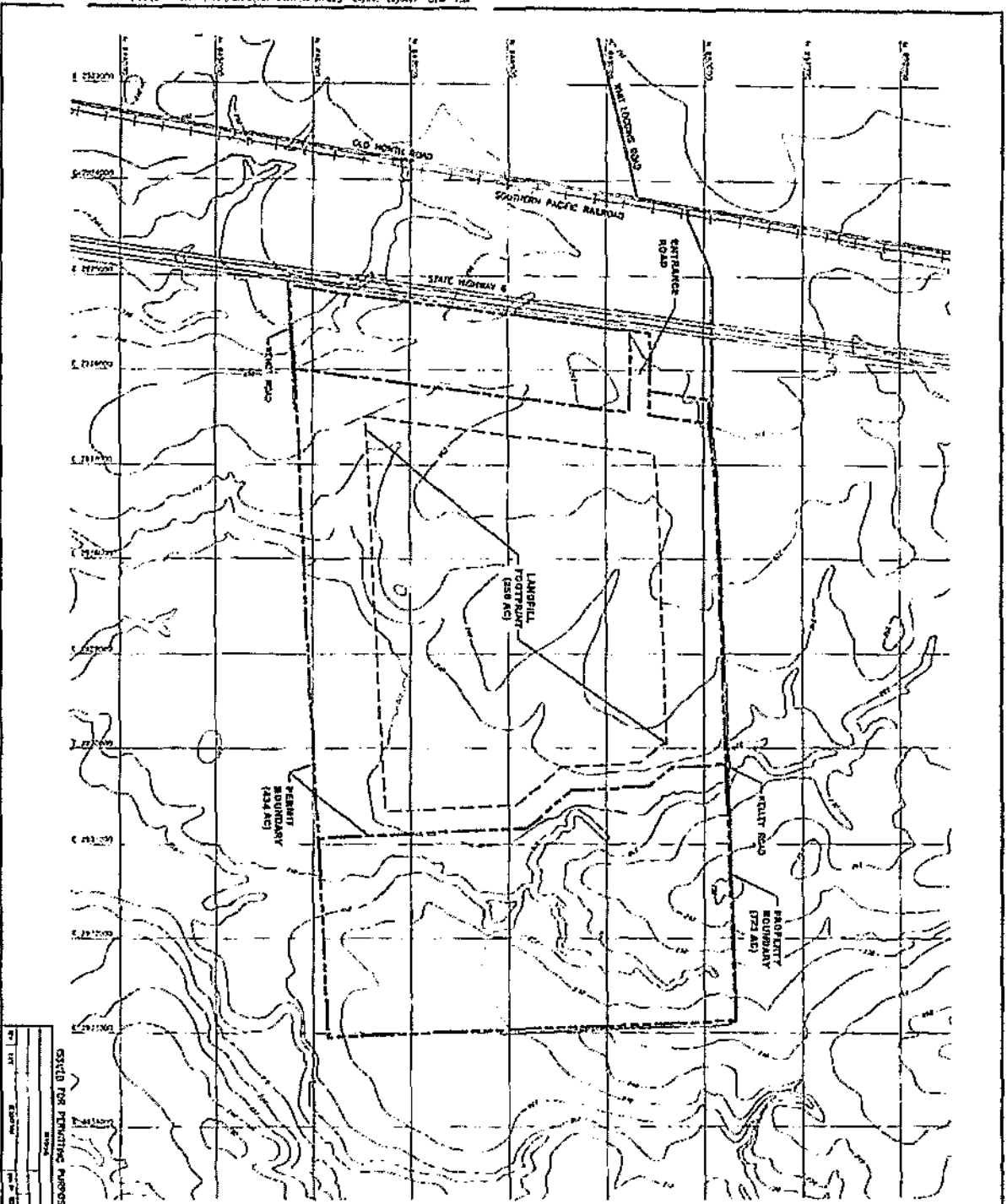
1" = 200'

0 100 200

**NOTES**

1. AERIAL PHOTOGRAPH AT AND ABOUT JANUARY 2014, CORRECTED FROM 10:00:27:00 TO 10:00:28:00 ON JANUARY 13, 2014 FOR THE FOLLOWING TO MAKE DIMENSIONS CORRECT.

HOUSTON, TEXAS



GRID FOR REMEDIATION PURPOSES ONLY

Grid	Easting	Northing
10	1000	1000
11	1100	1000
12	1200	1000
13	1300	1000
14	1400	1000
15	1500	1000
16	1600	1000
17	1700	1000
18	1800	1000
19	1900	1000
20	2000	1000
21	2100	1000
22	2200	1000
23	2300	1000
24	2400	1000
25	2500	1000
26	2600	1000
27	2700	1000
28	2800	1000
29	2900	1000
30	3000	1000
31	3100	1000
32	3200	1000
33	3300	1000
34	3400	1000
35	3500	1000
36	3600	1000
37	3700	1000
38	3800	1000
39	3900	1000
40	4000	1000
41	4100	1000
42	4200	1000
43	4300	1000
44	4400	1000
45	4500	1000
46	4600	1000
47	4700	1000
48	4800	1000
49	4900	1000
50	5000	1000
51	5100	1000
52	5200	1000
53	5300	1000
54	5400	1000
55	5500	1000
56	5600	1000
57	5700	1000
58	5800	1000
59	5900	1000
60	6000	1000
61	6100	1000
62	6200	1000
63	6300	1000
64	6400	1000
65	6500	1000
66	6600	1000
67	6700	1000
68	6800	1000
69	6900	1000
70	7000	1000
71	7100	1000
72	7200	1000
73	7300	1000
74	7400	1000
75	7500	1000
76	7600	1000
77	7700	1000
78	7800	1000
79	7900	1000
80	8000	1000
81	8100	1000
82	8200	1000
83	8300	1000
84	8400	1000
85	8500	1000
86	8600	1000
87	8700	1000
88	8800	1000
89	8900	1000
90	9000	1000
91	9100	1000
92	9200	1000
93	9300	1000
94	9400	1000
95	9500	1000
96	9600	1000
97	9700	1000
98	9800	1000
99	9900	1000
100	10000	1000

**GENERAL SITE PLAN**

**PHINAL LANDFILL, LLC**  
PHINAL LANDFILL  
PERMIT APPLICATION

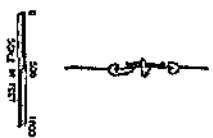
**BRIGGS & MATHEWS**  
ENVIRONMENTAL  
DIVISION  
1100 N. 10TH STREET  
DENVER, CO 80202  
TEL: 303.733.1100  
FAX: 303.733.1101

DATE: 08/08/2008  
TIME: 10:00 AM  
SCALE: 1" = 500'

**A.S.**



- LEGEND**
- PROPERTY BOUNDARY
  - PERMIT BOUNDARY
  - LANDFILL FOOTPRINT
  - EXISTING CONTOUR
  - STATE PLANT CANAL
- NOTES**
1. STRIPMAP CONTOUR DATA OBTAINED FROM TEXAS NATURAL RESOURCES INFORMATION SYSTEM (TNMS) WEDSITE ON 04/15/2011.
  2. PERMITS AND PERMITS CONTINGENT DOCUMENTS FILED IN DENVER, CO ARCHIVE, FILE NO. 10000.





**PINTAIL LANDFILL  
APPENDIX IB  
LAND OWNERSHIP MAP AND LAND OWNERS LIST**

**Pintail Landfill  
Land Owners List**

(From Waller County Appraisal District Records, July 15, 2011)

- |    |                                                                                         |    |                                                                                                                                                    |
|----|-----------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | MARENGO FAMILY PROPERTIES LTD<br>P O BOX 260903<br>CORPUS CHRISTI, TX 78426-8426        | 13 | FRANCES K BROUNKOWSKI<br>41703 BLUMBERG ROAD<br>HEMPSTEAD, TX 77445-7445                                                                           |
| 2  | S D DAVID JR TRUSTEE<br>c/o ALLEN D DAVID<br>5408 AUSTRAL LOOP<br>AUSTIN, TX 78739-8739 | 14 | DELBERT W VAN CLEVE<br>& GREGORY MARK MANCINO<br>P O BOX 691001<br>HOUSTON, TX 77269-7269                                                          |
| 3  | DORIS CANNAN EWING INTERESTS LTD<br>9311 DIAMANTE<br>MAGNOLIA, TX 77354-4451            | 15 | LW LEVANDOWSKI<br>41746 WENDT ROAD<br>HEMPSTEAD, TX 77445-7445                                                                                     |
| 4  | RUSSELL K & IVY F KOLAJA<br>41968 KELLEY RD<br>HEMPSTEAD, TX 77445-7819                 | 16 | LUCILLE B GARNER<br>P O BOX 788<br>HEMPSTEAD, TX 77445-7445                                                                                        |
| 5  | JAMES E & DONNA DISHROON<br>41924 KELLEY ROAD<br>HEMPSTEAD, TX 77445-7445               | 17 | THE LAURINE GROUP<br>c/o RUSTY TEMPLET<br>8111 GREEN DEVON<br>HOUSTON, TX 77095-7095                                                               |
| 6  | ARNOLD & NORMA HOLLOWAY<br>41838 KELLEY ROAD<br>HEMPSTEAD, TX 77445-7445                | 18 | DESPINA K PAPPAS<br>2018 GREENGRASS<br>HOUSTON, TX 77008-7008                                                                                      |
| 7  | DAVID ALLEN & DIANNE BOLIN<br>18319 HARNETT DRIVE<br>CYPRESS, TX 77429-7429             | 19 | MELVIN DWIGHT ROBY<br>17500 JEANIE DRIVE<br>TOMBALL, TX 77375-8862                                                                                 |
| 8  | KROLCZYK FAMILY PARTNERSHIP LTD<br>P O BOX 539<br>HEMPSTEAD, TX 77445-0539              | 20 | SHAWN & WAYNE KNOX<br>P O BOX 907<br>HEMPSTEAD, TX 77445-7445                                                                                      |
| 9  | WILLIAM ROBERT JR & REBECCA GAGE<br>41230 KELLEY ROAD<br>HEMPSTEAD, TX 77445            | 21 | ROBERT M FIFE<br>24437 HIGHWAY 6<br>HEMPSTEAD, TX 77445-7445                                                                                       |
| 10 | MINNIE RUTH DAY ESTATE<br>c/o DEBBY SCHIEL<br>P O BOX 35<br>HEMPSTEAD, TX 77445-7445    | 22 | RAFAEL & MARIA ESTELA SAUCEDO<br>SANCHEZ, ISRAEL & GRISELDA & FLORENTINO<br>& GUADALUPE ORTEGA<br>19611 HOLLINGTON DRIVE<br>TOMBALL, TX 77375-7375 |
| 11 | LARRY D SR & MARIE L WEBB<br>42047 BLUMBERG ROAD<br>HEMPSTEAD, TX 77445-7445            | 23 | SAMANTHA JANE VIGNERI<br>24891 HWY 6 SOUTH<br>HEMPSTEAD, TX 77445                                                                                  |
| 12 | ESIDOR J BROUNKOWSKI FAMILY TRUST<br>41703 BLUMBERG ROAD<br>HEMPSTEAD, TX 77445-7445    |    |                                                                                                                                                    |

**Pintail Landfill  
Land Owners List**

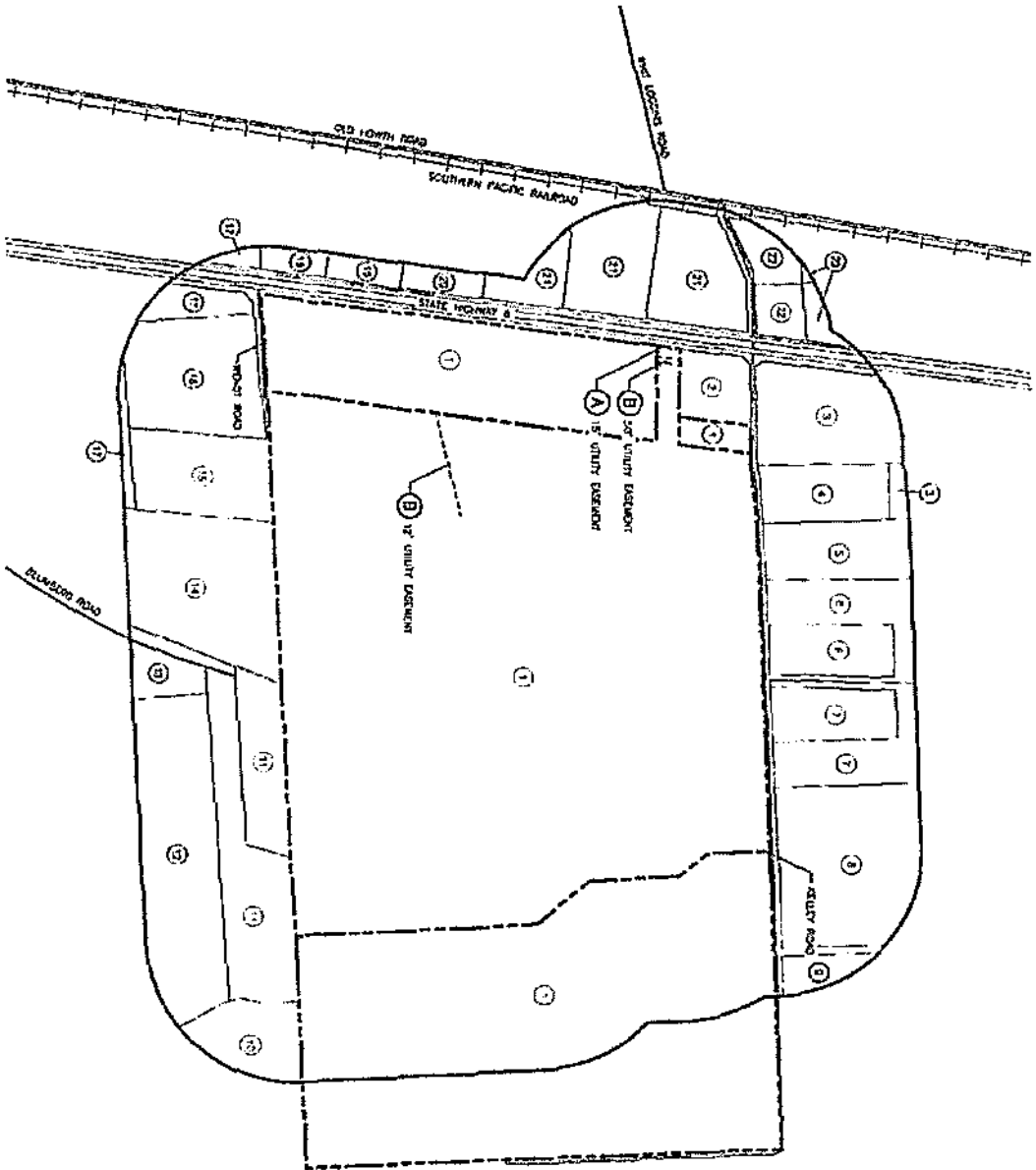
(From Waller County Appraisal District Records, July-15, 2011)

**MINERAL INTEREST OWNERSHIP UNDER THE FACILITY:**

The Waller County Appraisal District records were searched for mineral interest ownership beneath the facility. No mineral interest ownership information was available within the appraisal district online records for the facility.

**ON-SITE EASEMENT HOLDERS**

- A. SAN BERNARD ELECTRIC COOPERATIVE, INC.  
PO BOX 1208  
BELLVILLE, TX 77418
  
- B. ENTERGY TEXAS, INC.  
350 PINE STREET  
BEAUMONT TX 77701



ISSUED FOR PERMITTING PURPOSES ONLY

DATE	DESCRIPTION	BY	APP'D

**LAND OWNERSHIP MAP**

**PATROL LANDFILL, LLC**  
**PERMIT APPLICATION**

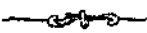
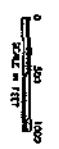
**BRYCES & HATHENS**  
**ENVIRONMENTAL**  
 4100 W. WYOMING AVE.  
 DENVER, CO 80214  
 303.733.1144



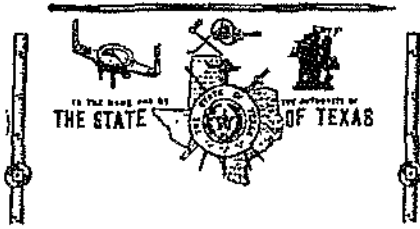
7/20/2011

- NOTES:**
1. ROADS AND RAILROAD CORPARED ON BASELINE HORIZONTAL, T&E AND NORTH 12E.
  2. ADJACENT PROPERTY OWNERSHIP INFORMATION OBTAINED FROM ZONING DEPARTMENT ONLINE RECORDS ON OCT 15, 2011.
  3. REFER TO SHEET 18-1 FOR LAND OWNERS LIST.

- LEGEND**
- PROPERTY BOUNDARY
  - PERMIT BOUNDARY
  - 1/4 ACRE BLOCKS
  - ADJACENT PROPERTY OWNERS
  - EASEMENT HOLDER



**PINTAIL LANDFILL**  
**APPENDIX IC**  
**LEGAL DESCRIPTION AND PERMIT BOUNDARY MAP**



**HODDE & HODDE**  
**LAND SURVEYING, INC.**  
*Registered Professional Land Surveying*  
613 E. Blue Bell Road  
Brenham, Texas 77833-2411

OFFICE PHONE: (979) 836-5681  
FAX: (979) 836-5683  
www.hoddesurveying.com

W. O. No. 6188

THE STATE OF TEXAS

MARENGO FAMILY PROPERTIES, LTD.

COUNTY OF WALLER

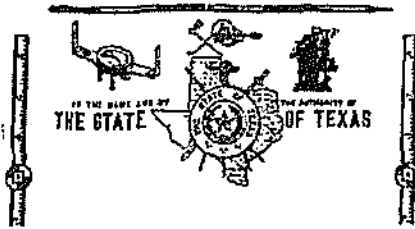
434.133 ACRES

**SURVEYOR'S LEGAL DESCRIPTION**

All that certain tract or parcel land, lying and being situated in Waller County, Texas, part of the Peter Harper Survey, A-137, being a resurvey of part of the same land described as 723.0317 acres in the deed from David Jesse Rainey, et al, to Marengo Family Properties, Ltd., dated July 27, 2005, as recorded in Volume 1259, Page 343, in the Official Public Records of Waller County, Texas, including 2.999 acres situated within the fenced margins of Kelley Road, and also including the following fence encroachment areas: "part of F" (0.191 acre) lying between an existing fence and the common deed line of said original tract, Volume 1259, Page 343, in said Official Public Records, and the Larry D. Webb, et ux, tract called 30.00 acres, Volume 562, Page 915, in said Official Public Records, said fence being North of the common deed line: "G" (0.002 acre) lying between an existing fence and a deed line of said original tract, Volume 1259, Page 343, in said Official Public Records, said fence being North of said deed line: "J" (0.029 acre) lying between an existing fence and the common deed line of said original tract, Volume 1259, Page 343, in said Official Public Records, and the L. W. Levandowski, et ux, tract called 20.00 acres, Volume 230, Page 297, in said Deed Records, said fence being North of the common deed line and "part of K" (0.008 acre) lying between an existing fence and the common deed line of said original tract, Volume 1259, Page 343, in said Official Public Records of Waller County, Texas and the Lee Roy Garner tract called 18.1150 acres, Volume 422, Page 801, in said Deed Records and the North margin of Wendt Road, said fence being North of the common deed line: also including Conflict Area "A" (0.005 acre) lying between a South deed line of said original tract, Volume 1259, Page 343, and a North deed line of the Larry D. Webb, Sr., et ux, tract called 15.155 acres as described in Volume 479, Page 797, in said Official Public Records of Waller County, Texas, said encroachment areas and conflict area being shown on a survey plat dated June 27, 2011, prepared in conjunction with the boundary survey of 723.077 acres, and being more fully described by metes and bounds as follows, To-Wit:

BEGINNING at a 5/8 inch iron rod set with plastic Id. cap (RPLS 5197) on or near the North line of the Isaac Donoho Survey, A-121, and the South line of said Harper Survey for the Southeast corner hereof, being on the South line of said original tract described as 723.0317 acres, Volume 1259, Page 343, in said Official Public Records, being on the North line of said Larry D. Webb, et ux, tract called 30.00 acres as described in Volume 562, Page 915, in said Official Public Records, being on the South line of said fence encroachment area "F" (included);

Page 1 of 4



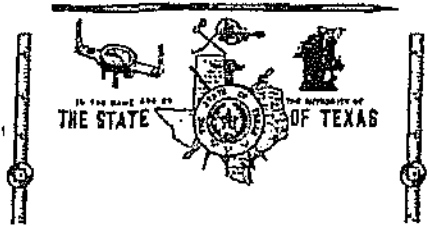
**HODDE & HODDE**  
**LAND SURVEYING, INC.**  
*Registered Professional Land Surveying*  
613 E. Blue Bell Road  
Brenham, Texas 77833-2411

OFFICE PHONE: (979) 836-5681  
FAX: (979) 836-5683  
www.hoddesurveying.com

THENCE along or near the division line of said Harper Survey and said Donoho Survey for South lines hereof, being along South lines of said original tract, being along a portion of the North line of said Larry D. Webb, et ux, tract called 30.00 acres as described in Volume 562, Page 915, in said Official Public Records, being partly South of a North deed line of the Larry D. Webb, Sr., et ux, tract called 15.155 acres as described in Volume 479, Page 797, in said Official Public Records and being partly North of a North deed line of said Webb tract called 15.155 acres, as follows: S 88°23'53" W 734.66 feet to a 1-1/4 inch iron pipe found at the base of a railroad tie fence corner post for the Northwest corner of said Webb tract called 30.00 acres, being the Northeast corner of said Webb tract called 15.155 acres, also being the West corner of said fence encroachment area "F" (included) and being the East corner of said fence encroachment area "G" (included), being the East corner of said Conflict Area "A", (included) being an angle point hereof and of said original tract and S 88°36'02" W at 244.04 feet pass the West corner of said fence encroachment area "G" (included), being the East corner of fence encroachment area "H" (0.052 acre) lying between an existing fence and the deed line of said original tract, Volume 1259, Page 343, (not included) said fence being South of said deed line, at 496.58 feet pass the West corner of said Conflict area "A" (0.002 acre), being the East corner of Area "B" (0.041 acre) lying between a South deed line of said original tract, Volume 1259, Page 343 and a North deed line of said Webb tract called 15.155 acres (not included) and at a total distance of 1513.24 feet to a 1-1/4 inch iron pipe found at the base of a railroad tie fence corner post for the Northwest corner of said Webb tract called 15.155 acres, being the Northeast corner of the Delbert W. Van Cleve and Gregory Mark Mancino tract called 56.101 acres as described in Volume 906, Page 776, in said Official Public Records, being at or near the Northwest corner of said Donoho Survey common with the Northeast corner of the Joseph Baker Survey, A-11, being on or near the South line of said Harper Survey, also being the West corner of said fence encroachment Area "H", being the East corner of fence encroachment area "I" (0.006 acre) lying between an existing fence and the common deed line of said original tract and said Van Cleve and Mancino tract called 56.101 acres, Volume 906, Page 776 in said Official Public Records (not included) said fence being South of the common deed line, being the West corner of said Area "B" (not included);

THENCE partly along or near the division line of said Harper Survey and said Baker Survey for South lines hereof and of said original tract, being along the North line of said Van Cleve and Mancino tract and along the North line of the L. W. Levandowski, et ux, tract called 20.00 acres as described in Volume 230, Page 297, in said Deed Records, as follows: S 88°52'20" W at 598.58 feet pass the West corner of said fence encroachment area "I" (not included) and at a total distance of 1537.47 feet to a 5/8 inch iron rod found, 1.5 feet below ground for the Northwest corner of said Van Cleve and Mancino tract, being the Northeast corner of said Levandowski tract, being an angle point hereof and of said original tract, being the East corner of said fence encroachment area "J" (included), and S 89°09'23" W 716.19 feet to a 1 inch iron pipe found for the Northwest corner of said Levandowski tract, being the Northeast corner of said Lee Roy Garner tract called 18.1150 acres, Volume 422, Page 801, being the Northeast corner of Wendt Road, also being the West corner of said fence encroachment area "J" (included) and being the East corner of said fence encroachment area "K" (included), being the Northeast corner of the right-of-way easement to Waller County, Volume 230, Page 301, in said Deed Records and being the Northeast corner of a sixty feet wide easement described in the deed to said L. W. Levandowski, et ux, Volume 230, Page 297;

Page 2 of 4



**HODDE & HODDE**  
**LAND SURVEYING, INC.**

*Registered Professional Land Surveying*

613 E. Blue Bell Road  
Brenham, Texas 77833-2411

OFFICE PHONE: (979) 836-5681

FAX: (979) 836-5683

www.hoddesurveying.com

THENCE along the North line of said Garner tract called 18.1150 acres and along the North margin of said Wendt Road for a South line hereof and of said original tract, being along a portion of the North line of said right of way easement, Volume 230, Page 301, being partly along or near the division line of said Harper Survey and said Baker Survey, S 87°49'27" W 525.94 feet to a 5/8 inch iron rod set with plastic Id. cap (RPLS 5197) on the North margin of said Wendt Road for a Southwest corner hereof, being on a South line of said original tract described as 723.0317 acres, also being on or near the division line of said Harper and Baker Surveys, being on the North line of said right of way easement, Volume 230, Page 301, and on the North line of said 60 foot easement, Volume 230, Page 297, in said Deed Records, a concrete monument (Highway R/W Marker) found on the North margin of said Wendt Road at its intersection with a flare of the Northeast right of way line of State Highway No. 6, and being on the North line of said sixty feet wide easement described in the deed to said L. W. Levandowski, et ux, Volume 230, Page 297, also being an exterior angle point of said original tract bears S 87°49'27" W 764.98 feet;

THENCE along a West line hereof, N 09°06'06" E 3462.19 feet to a 5/8 inch iron rod set with plastic Id. cap (RPLS 5197) for an interior corner hereof;

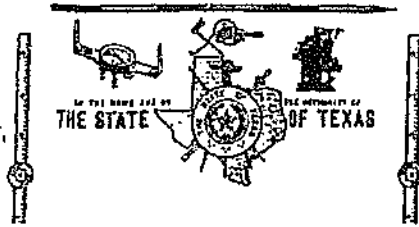
THENCE along a South line hereof, N 87°59'29" W 806.17 feet to a 5/8 inch iron rod set with plastic Id. cap (RPLS 5197) on the East right of way line of said State Highway No. 6 for a Southwest corner hereof;

THENCE along a portion of the East right of way line of said highway for a West line hereof, being along a West line of said original tract described as 723.0317 acres, N 09°06'06" E 201.54 feet to a 1/2 inch iron pipe found with Id. cap (Kalkomey Surveying) for a Northwest corner hereof and of said original tract, being on the South line of the (S. D. David, Jr., Trustee) Cemetery tract, being the residue of original tract called 10.000 acres as described in Volume 223, Page 130, in said Deed Records;

THENCE along a portion of the South line of said cemetery tract for a North line hereof and of said original tract, S 87°59'29" E at 617.73 feet pass a 1/2 inch iron pipe found with Id. cap (Kalkomey Surveying) for the Southeast corner of said Cemetery tract, being an interior corner of said original tract and at a total distance of 806.17 feet to a 5/8 inch iron rod set with plastic Id. cap (RPLS 5197) for an interior corner hereof;

THENCE along a West line hereof, N 09°06'06" E 634.23 feet to a PK nail set in asphalt in or near the center of said Kelley Road for the most Northern Northwest corner hereof, said Kelley Road being subject to a right of way easement to Waller County as recorded in Volume 260, Page 434, in said Deed Records of Waller County, Texas, a cotton spindle found in asphalt in or near said Kelley Road for the most Northern Northwest corner of said original 723.0317 acres tract bears N 89°08'33" W 190.26 feet;





**HODDE & HODDE**  
**LAND SURVEYING, INC.**  
*Registered Professional Land Surveying*  
613 E. Blue Bell Road  
Brenham, Texas 77833-2411

OFFICE PHONE: (979) 836-5681  
FAX: (979) 836-5683  
www.hoddesurveying.com

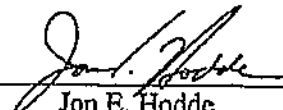
THENCE along or near the center of said Kelley Road for North lines hereof and of said original tract as follows: S 89°08'33" E 217.92 feet to a cotton spindle found in asphalt in said Kelley Road, N 85°38'03" E 191.00 feet to a cotton spindle found in asphalt in said Kelley Road, N 84°20'31" E 197.34 feet to a railroad spike set in asphalt in said Kelley Road, N 87°47'11" E 175.04 feet to a cotton spindle found in asphalt in said Kelley Road, and N 89°35'20" E 2899.09 feet to a PK nail set in asphalt in said Kelley Road for the Northeast corner hereof, being on a North line of said original tract described as 723.0317 acres;

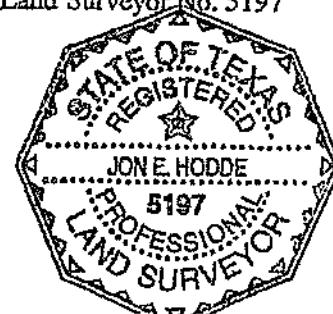
THENCE severing said original 723.0317 acres with East and Northeast lines hereof as follows: S 01°36'16" E 550.80 feet to a 5/8 inch iron rod set with plastic Id. cap (RPLS 5197), S 38°34'05" E 307.69 feet to a 5/8 inch iron rod set with plastic Id. cap (RPLS 5197), S 01°36'16" E 788.95 feet to a 5/8 inch iron rod set with plastic Id. cap (RPLS 5197), S 38°34'05" E 607.11 feet to a 5/8 inch iron rod set with plastic Id. cap (RPLS 5197), and S 01°36'16" E 2130.24 feet to the place of beginning and containing 434.133 acres of land, including said 2.999 acres situated within the fenced margins of said Kelley Road, and also including part of fence encroachment areas "F" (0.191 acre), and "K" (0.008 acre) and said fence encroachment areas "G" and "J", and said conflict area "A".

The bearing stated herein are relative to true North as obtained by GPS Observations, observed at Latitude: 30°08'10.68464" N – Longitude: 96°04'14.17677" W (NAD-83).

I, Jon E. Hodde, Registered Professional Land Surveyor No. 5197 of the State of Texas, do hereby certify that the foregoing legal description describing 434.133 acres of land is true and correct in accordance with an actual survey made on the ground under my personal direction and supervision.

Dated this the 19th day of July, 2011, A. D.

  
Jon E. Hodde  
Registered Professional  
Land Surveyor No. 5197



Page 4 of 4



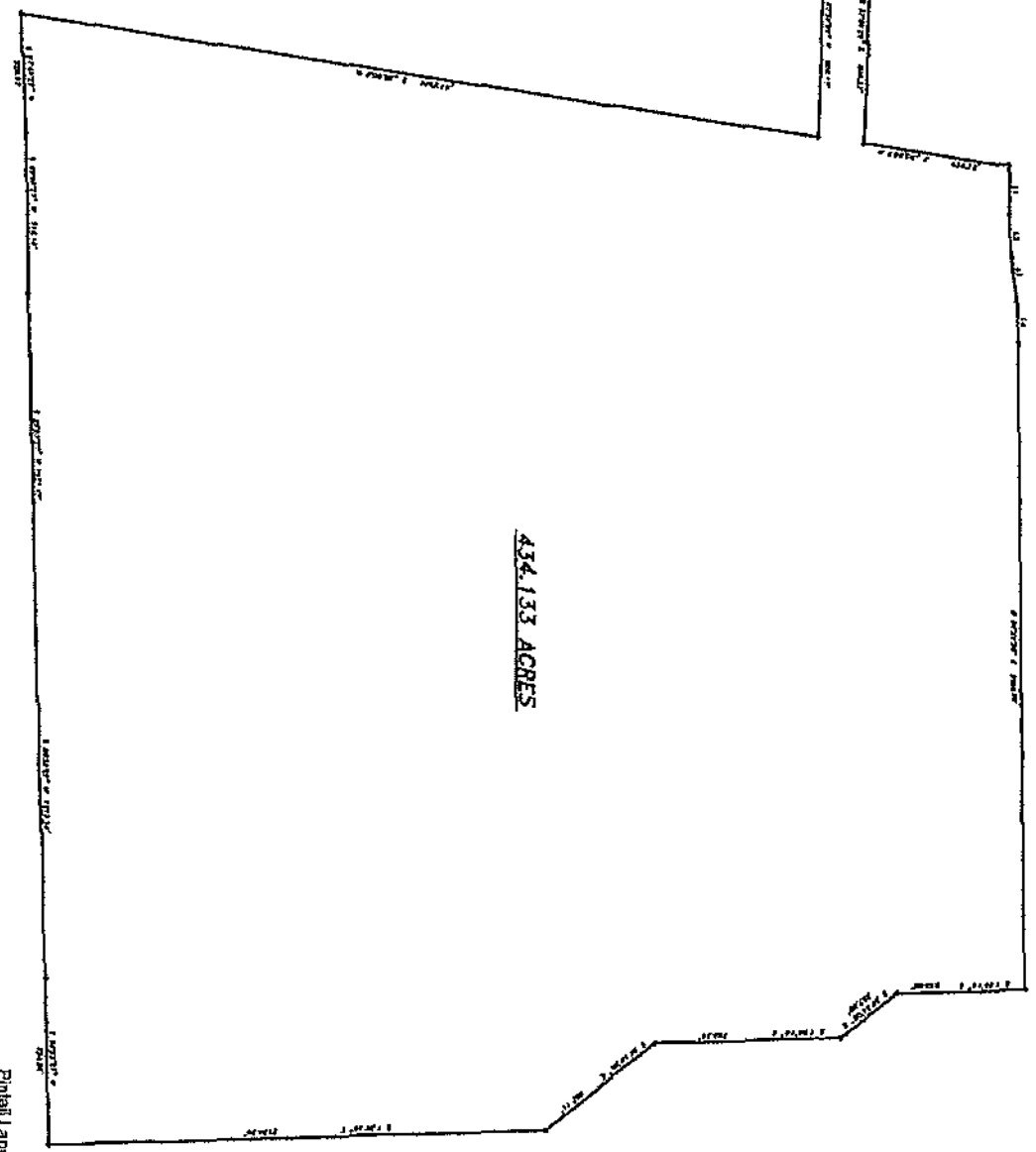
SCALE: 1" = 500'

**LINE TABLE**

LINE NO.	FROM	TO	BEARING	DISTANCE
1	111.000	111.000	N 89° 59' 59" W	111.000
2	111.000	111.000	N 89° 59' 59" W	111.000
3	111.000	111.000	N 89° 59' 59" W	111.000
4	111.000	111.000	N 89° 59' 59" W	111.000
5	111.000	111.000	N 89° 59' 59" W	111.000
6	111.000	111.000	N 89° 59' 59" W	111.000
7	111.000	111.000	N 89° 59' 59" W	111.000
8	111.000	111.000	N 89° 59' 59" W	111.000
9	111.000	111.000	N 89° 59' 59" W	111.000
10	111.000	111.000	N 89° 59' 59" W	111.000
11	111.000	111.000	N 89° 59' 59" W	111.000
12	111.000	111.000	N 89° 59' 59" W	111.000
13	111.000	111.000	N 89° 59' 59" W	111.000
14	111.000	111.000	N 89° 59' 59" W	111.000
15	111.000	111.000	N 89° 59' 59" W	111.000
16	111.000	111.000	N 89° 59' 59" W	111.000
17	111.000	111.000	N 89° 59' 59" W	111.000
18	111.000	111.000	N 89° 59' 59" W	111.000
19	111.000	111.000	N 89° 59' 59" W	111.000
20	111.000	111.000	N 89° 59' 59" W	111.000
21	111.000	111.000	N 89° 59' 59" W	111.000
22	111.000	111.000	N 89° 59' 59" W	111.000
23	111.000	111.000	N 89° 59' 59" W	111.000
24	111.000	111.000	N 89° 59' 59" W	111.000
25	111.000	111.000	N 89° 59' 59" W	111.000
26	111.000	111.000	N 89° 59' 59" W	111.000
27	111.000	111.000	N 89° 59' 59" W	111.000
28	111.000	111.000	N 89° 59' 59" W	111.000
29	111.000	111.000	N 89° 59' 59" W	111.000
30	111.000	111.000	N 89° 59' 59" W	111.000
31	111.000	111.000	N 89° 59' 59" W	111.000
32	111.000	111.000	N 89° 59' 59" W	111.000
33	111.000	111.000	N 89° 59' 59" W	111.000
34	111.000	111.000	N 89° 59' 59" W	111.000
35	111.000	111.000	N 89° 59' 59" W	111.000
36	111.000	111.000	N 89° 59' 59" W	111.000
37	111.000	111.000	N 89° 59' 59" W	111.000
38	111.000	111.000	N 89° 59' 59" W	111.000
39	111.000	111.000	N 89° 59' 59" W	111.000
40	111.000	111.000	N 89° 59' 59" W	111.000
41	111.000	111.000	N 89° 59' 59" W	111.000
42	111.000	111.000	N 89° 59' 59" W	111.000
43	111.000	111.000	N 89° 59' 59" W	111.000
44	111.000	111.000	N 89° 59' 59" W	111.000
45	111.000	111.000	N 89° 59' 59" W	111.000
46	111.000	111.000	N 89° 59' 59" W	111.000
47	111.000	111.000	N 89° 59' 59" W	111.000
48	111.000	111.000	N 89° 59' 59" W	111.000
49	111.000	111.000	N 89° 59' 59" W	111.000
50	111.000	111.000	N 89° 59' 59" W	111.000
51	111.000	111.000	N 89° 59' 59" W	111.000
52	111.000	111.000	N 89° 59' 59" W	111.000
53	111.000	111.000	N 89° 59' 59" W	111.000
54	111.000	111.000	N 89° 59' 59" W	111.000
55	111.000	111.000	N 89° 59' 59" W	111.000
56	111.000	111.000	N 89° 59' 59" W	111.000
57	111.000	111.000	N 89° 59' 59" W	111.000
58	111.000	111.000	N 89° 59' 59" W	111.000
59	111.000	111.000	N 89° 59' 59" W	111.000
60	111.000	111.000	N 89° 59' 59" W	111.000
61	111.000	111.000	N 89° 59' 59" W	111.000
62	111.000	111.000	N 89° 59' 59" W	111.000
63	111.000	111.000	N 89° 59' 59" W	111.000
64	111.000	111.000	N 89° 59' 59" W	111.000
65	111.000	111.000	N 89° 59' 59" W	111.000
66	111.000	111.000	N 89° 59' 59" W	111.000
67	111.000	111.000	N 89° 59' 59" W	111.000
68	111.000	111.000	N 89° 59' 59" W	111.000
69	111.000	111.000	N 89° 59' 59" W	111.000
70	111.000	111.000	N 89° 59' 59" W	111.000
71	111.000	111.000	N 89° 59' 59" W	111.000
72	111.000	111.000	N 89° 59' 59" W	111.000
73	111.000	111.000	N 89° 59' 59" W	111.000
74	111.000	111.000	N 89° 59' 59" W	111.000
75	111.000	111.000	N 89° 59' 59" W	111.000
76	111.000	111.000	N 89° 59' 59" W	111.000
77	111.000	111.000	N 89° 59' 59" W	111.000
78	111.000	111.000	N 89° 59' 59" W	111.000
79	111.000	111.000	N 89° 59' 59" W	111.000
80	111.000	111.000	N 89° 59' 59" W	111.000
81	111.000	111.000	N 89° 59' 59" W	111.000
82	111.000	111.000	N 89° 59' 59" W	111.000
83	111.000	111.000	N 89° 59' 59" W	111.000
84	111.000	111.000	N 89° 59' 59" W	111.000
85	111.000	111.000	N 89° 59' 59" W	111.000
86	111.000	111.000	N 89° 59' 59" W	111.000
87	111.000	111.000	N 89° 59' 59" W	111.000
88	111.000	111.000	N 89° 59' 59" W	111.000
89	111.000	111.000	N 89° 59' 59" W	111.000
90	111.000	111.000	N 89° 59' 59" W	111.000
91	111.000	111.000	N 89° 59' 59" W	111.000
92	111.000	111.000	N 89° 59' 59" W	111.000
93	111.000	111.000	N 89° 59' 59" W	111.000
94	111.000	111.000	N 89° 59' 59" W	111.000
95	111.000	111.000	N 89° 59' 59" W	111.000
96	111.000	111.000	N 89° 59' 59" W	111.000
97	111.000	111.000	N 89° 59' 59" W	111.000
98	111.000	111.000	N 89° 59' 59" W	111.000
99	111.000	111.000	N 89° 59' 59" W	111.000
100	111.000	111.000	N 89° 59' 59" W	111.000

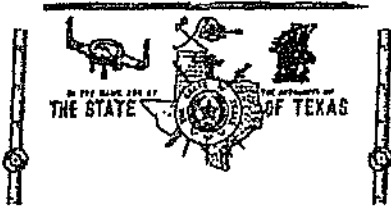
HODDGE & HODDGE LAND SURVEYING, INC.  
 PROFESSIONAL LAND SURVEYING  
 615 E. BIRD ROAD, BURBANK, TEXAS 77333  
 979-435-5981 • 979-435-5983 (FAX)  
 WWW.HODDGEANDHODDGE.COM

**(PRELIMINARY)**  
 JOB E. 8000C 2015 AC 5197  
 DATED MAY 20, 2017  
 THE PURPOSE OF THIS DOCUMENT IS FOR  
 PRELIMINARY REFERENCE ONLY.  
 FOR A COMPLETE AND ACCURATE SURVEY,  
 PLEASE REFER TO THE FINAL SURVEY.



Pinball Landfill  
 IC.1  
 10-5

**PROPERTY BOUNDARY LEGAL DESCRIPTION**



**HODDE & HODDE**  
**LAND SURVEYING, INC.**  
*Registered Professional Land Surveying*  
613 E. Blue Bell Road  
Brenham, Texas 77833-2411

OFFICE PHONE: (979) 836-5681  
FAX: (979) 836-5683  
www.hoddesurveying.com

W. O. No. 6188

THE STATE OF TEXAS

MARENGO FAMILY PROPERTIES, LTD.

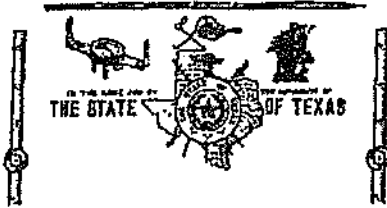
COUNTY OF WALLER

723.077 ACRES

**SURVEYOR'S LEGAL DESCRIPTION**

All that certain tract or parcel land, lying and being situated in Waller County, Texas, part of the Peter Harper Survey, A-137 and part of the Lancelot Abbott Survey, A-1, being a resurvey of the same land described as 723.0317 acres in the deed from David Jesse Rainey, et al, to Marengo Family Properties, Ltd., dated July 27, 2005, as recorded in Volume 1259, Page 343, in the Official Public Records of Waller County, Texas, including 5.877 acres situated within the fenced margins of Kelley Road, and also including the following fence encroachment areas: "A" (0.025 acre) lying between an existing fence and the common deed line of said original tract, Volume 1259, Page 343, in said Official Public Records and the A. Anderson residue of original tract called 50 acres, Volume 35, Page 189, in the Deed Records of Waller County, Texas, said fence being West of the common deed line: "C" (0.008 acre) lying between an existing fence and the common deed line of said original tract, Volume 1259, Page 343, and the Minnie Ruth Day tract called 241 acres, Volume 47, Page 42, in said Deed Records of Waller County, Texas, said fence being North of the common deed line: "E" (0.118 acre) lying between an existing fence and the common deed line of said original tract, Volume 1259, Page 343, and said Day tract, Volume 47, Page 42, in said Deed Records and the Larry D. Webb tract called 30.00 acres, Volume 562, Page 915, in said Official Public Records, said fence being North of the common deed line: "F" (0.350 acre) lying between an existing fence and the common deed line of said original tract, Volume 1259, Page 343, in said Official Public Records, and said Webb tract called 30.00 acres, Volume 562, Page 915, in said Official Public Records, said fence being North of the common deed line: "G" (0.002 acre) lying between an existing fence and a deed line of said original tract, Volume 1259, Page 343, in said Official Public Records, said fence being North of said deed line: "J" (0.029 acre) lying between an existing fence and the common deed line of said original tract, Volume 1259, Page 343, in said Official Public Records, and the L. W. Levandowski, et ux, tract called 20.00 acres, Volume 230, Page 297, in said Deed Records, said fence being North of the common deed line and "K" (0.017 acre) lying between an existing fence and the common deed line of said original tract, Volume 1259, Page 343, in said Official Public Records of Waller County, Texas and the Lee Roy Garner tract called 18.1150 acres, Volume 422, Page 801, in said Deed Records and the North margin of Wendt Road, said fence being North of the common deed line, also including Conflict Area "A" (0.005 acre) lying between a South deed line of said original tract, Volume 1259, Page 343, and a North deed line of the Larry D. Webb, Sr., et ux, tract called 15.155 acres as described in Volume 479, Page 797, in said Official Public Records of Waller County, Texas, and being more fully described by metes and bounds as follows, To-Wit:

Page 1 of 5

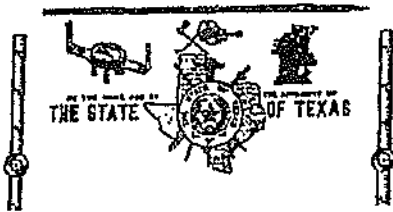


**HODDE & HODDE**  
**LAND SURVEYING, INC.**  
*Registered Professional Land Surveying*  
613 E. Blue Bell Road  
Breham, Texas 77833-2411

OFFICE PHONE: (979) 836-5681  
FAX: (979) 836-5683  
www.hoddesurveying.com

**BEGINNING** at a 1-1/4 inch iron pipe found on or near the North line of the Isaac Donoho Survey, A-121, and the South line of said Harper Survey for the Southeast corner hereof and of said original tract described as 723.0317 acres, Volume 1259, Page 343, being the Southwest corner of the Earline Hoffman tract called 49.92 acres as described in Volume 287, Page 514, in said Deed Records, also being on the North line of said Minnie Ruth Day tract called 241 acres as described in Volume 47, Page 42, in said Deed Records, being the East corner of said fence encroachment area "C" (included);

**THENCE** along or near the division line of said Harper Survey and said Donoho Survey for South lines hereof, being along South lines of said original tract, being along a portion of the North line of said Day tract, along the North line of said Larry D. Webb, et ux, tract called 30.00 acres as described in Volume 562, Page 915, in said Official Public Records, being partly South of a North deed line of the Larry D. Webb, Sr., et ux, tract called 15.155 acres as described in Volume 479, Page 797, in said Official Public Records and being partly North of a North deed line of said Webb tract called 15.155 acres, as follows: S 88°58'03" W at 160.16 feet pass the West corner of said fence encroachment area "C" (included), being the East corner of fence encroachment area "D" (0.136 acre) lying between an existing fence and the common deed line of said original tract, Volume 1259, Page 343, and said Day tract and said Webb tract called 30.00 acres, Volume 562, Page 915, (not included) said fence being South of the common deed line, at 1225.29 feet pass the East corner of said fence encroachment area "E" (included) and at a total distance of 1634.45 feet to a 1/2 inch iron pipe found with Id. cap (Kalkomey Surveying) in old fence remains and in centerline of a creek for the Northwest corner of said Day tract, being the Northeast corner of said Webb tract called 30.00 acres and being an angle point hereof and of said original tract, S 88°23'53" W at 104.10 pass the South corner of said fence encroachment area "E" (included) and being the East corner of said fence encroachment area "F" (included) and the West corner of said fence encroachment area "D" (not included), and at a total distance of 1209.97 feet to a 1-1/4 inch iron pipe found at the base of a railroad tie fence corner post for the Northwest corner of said Webb tract called 30.00 acres, being the Northeast corner of said Webb tract called 15.155 acres, also being the West corner of said fence encroachment area "F" (included) and being the East corner of said fence encroachment area "G" (included), being the East corner of said Conflict Area "A", (included) being an angle point hereof and of said original tract and S 88°36'02" W at 244.04 feet pass the West corner of said fence encroachment area "G" (included), being the East corner of fence encroachment area "H" (0.052 acre) lying between an existing fence and the deed line of said original tract, Volume 1259, Page 343, (not included) said fence being South of said deed line, at 496.58 feet pass the West corner of said Conflict area "A" (0.002 acre), being the East corner of Area "B" (0.041 acre) lying between a South deed line of said original tract, Volume 1259, Page 343 and a North deed line of said Webb tract called 15.155 acres (not included) and at a total distance of 1513.24 feet to a 1-1/4 inch iron pipe found at the base of a railroad tie fence corner post for the Northwest corner of said Webb tract called 15.155 acres, being the Northeast corner of the Delbert W. Van Cleve and Gregory Mark Mancino tract called 56.101 acres as described in



**HODDE & HODDE**  
**LAND SURVEYING, INC.**

*Registered Professional Land Surveying*

613 E. Blue Bell Road  
Brenham, Texas 77833-2411

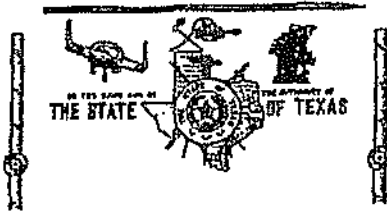
OFFICE PHONE: (979) 836-5681  
FAX: (979) 836-5683  
www.hoddesurveying.com

Volume 906, Page 776, in said Official Public Records, being at or near the Northwest corner of said Donoho Survey common with the Northeast corner of the Joseph Baker Survey, A-11, being on or near the South line of said Harper Survey, also being the West corner of said fence encroachment Area "H", being the East corner of fence encroachment area "T" (0.006 acre) lying between an existing fence and the common deed line of said original tract and said Van Cleve and Mancino tract called 56.101 acres, Volume 906, Page 776 in said Official Public Records (not included) said fence being South of the common deed line, being the West corner of said Area "B" (not included);

THENCE partly along or near the division line of said Harper Survey and said Baker Survey for South lines hereof and of said original tract, being along the North line of said Van Cleve and Mancino tract and along the North line of the L. W. Levandowski, et ux, tract called 20.00 acres as described in Volume 230, Page 297, in said Deed Records, as follows: S 88°52'20" W at 598.58 feet pass the West corner of said fence encroachment area "T" (not included) and at a total distance of 1537.47 feet to a 5/8 inch iron rod found, 1.5 feet below ground for the Northwest corner of said Van Cleve and Mancino tract, being the Northeast corner of said Levandowski tract, being an angle point hereof and of said original tract, being the East corner of said fence encroachment area "J" (included), and S 89°09'23" W 716.19 feet to a 1 inch iron pipe found for the Northwest corner of said Levandowski tract, being the Northeast corner of said Lee Roy Garner tract called 18.1150 acres, Volume 422, Page 801, being the Northeast corner of Wendt Road, also being the West corner of said fence encroachment area "J" (included) and being the East corner of said fence encroachment area "K" (included), being the Northeast corner of the right-of-way easement to Waller County, Volume 230, Page 301, in said Deed Records and being the Northeast corner of a sixty feet wide easement described in the deed to said L. W. Levandowski, et ux, Volume 230, Page 297;

THENCE along the North line of said Garner tract called 18.1150 acres and along the North margin of said Wendt Road for a South line hereof and of said original tract, being along a portion of the North line of said right-of-way easement, Volume 230, Page 301, and along the North line of said 60 foot easement to Levandowski, being partly along or near the division line of said Harper Survey and said Baker Survey, and along or near the division line of said Baker Survey and said Abbott Survey, S 87°49'27" W 1290.91 feet to a concrete monument (Highway R/W Marker) found on the North margin of said Wendt Road at its intersection with a flare of the Northeast right-of-way line of State Highway No. 6, being the West corner of said fence encroachment area "K" (included), being an exterior angle point hereof and of said original tract, and being on the North line of said 60 foot easement to Levandowski;

THENCE along a Southwest line hereof and of said original tract, being along a Northeast right of way line of said State Highway No. 6, N 42°28'31" W 64.13 feet to a concrete monument found (Highway R/W Marker) on the East right of way line of said State Highway No. 6 for an exterior corner hereof and of said original tract;



**HODDE & HODDE**  
**LAND SURVEYING, INC.**  
*Registered Professional Land Surveying*  
613 E. Blue Bell Road  
Breunham, Texas 77833-2411

OFFICE PHONE: (979) 836-5681  
FAX: (979) 836-5683  
www.hoddesurveying.com

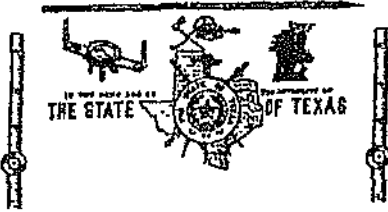
THENCE along the East right of way lines of said State Highway No. 6 for the West lines hereof and of said original tract, as follows: N 09°03'58" E 245.46 feet to a concrete monument found (Highway R/W Marker), N 12°46'43" E 145.58 feet to a concrete monument found (Highway R/W Marker), N 9°07'03" E 454.37 feet to a concrete monument found (Highway R/W Marker), N 7°50'15" E 401.68 feet to a concrete monument found (Highway R/W Marker), N 9°06'06" E at 997.86 feet pass a concrete monument found (Highway R/W Marker), at 1996.68 feet pass a concrete monument found (Highway R/W Marker) and at a total distance of 2427.24 feet to a ½ inch iron pipe found with Id. cap (Kalkomey Surveying) on the East right of way line of said State Highway No. 6 for a Northwest corner hereof and of said original tract, being on the South line of the (S. D. David, Jr., Trustee) Cemetery tract, being the residue of original tract called 10.000 acres as described in Volume 223, Page 130, in said Deed Records;

THENCE along a portion of the South line of said cemetery tract for a North line hereof and of said original tract, S 87°59'29" E 617.73 feet to a ½ inch iron pipe found with Id. cap (Kalkomey Surveying) for the Southeast corner of said Cemetery tract, being an interior corner hereof and of said original tract;

THENCE along the East line of said Cemetery tract for a West line hereof and of said original tract, N 8°59'01" E at 597.05 feet pass a ½ inch iron pipe found with Id. cap (Kalkomey Surveying) for the Northeast corner of said Cemetery tract, and at a total distance of 630.22 feet to a cotton spindle found in asphalt in or near the center of Kelley Road for the most Northern Northwest corner hereof and of said original tract, said Kelley Road being subject to right of way easement to Waller County as recorded in Volume 260, Page 434, in said Deed Records of Waller County, Texas;

THENCE along or near the center of said Kelley Road for North lines hereof and of said original tract, as follows: S 89°08'33" E 408.18 feet to a cotton spindle found in asphalt in said Kelley Road, N 85°38'03" E 191.00 feet to a cotton spindle found in asphalt in said Kelley Road, N 84°20'31" E 197.34 feet to a railroad spike set in asphalt in said Kelley Road, N 87°47'11" E 175.04 feet to a cotton spindle found in asphalt in said Kelley Road, N 89°35'20" E 2998.56 feet to a cotton spindle found in asphalt in said Kelley Road and N 89°27'58" E at 1089.96 feet pass a cotton spindle found in asphalt in said Kelley Road on this line and at a total distance of 2604.76 feet to a ½ inch iron pipe found with Id. cap (Kalkomey Surveying) in said Kelley Road for the Northeast corner hereof and of said original tract;

THENCE along an East line hereof and of said original tract, being situated in said Kelley Road, S 0°59'48" E 1088.17 feet to a ½ inch iron pipe found with Id. cap (Kalkomey Surveying) at the base of a railroad tie fence corner post in said Kelley Road for an angle point hereof and of said original tract, being the apparent Northwest corner of the A. Anderson residue of original tract called 50 acres as described in Volume 35, Page 189, in said Deed Records, being at or near the South end of said right of way easement to Waller County, Volume 260, Page 434;



**HODDE & HODDE**  
**LAND SURVEYING, INC.**  
*Registered Professional Land Surveying*  
613 E. Blue Bell Road  
Bretham, Texas 77833-2411

OFFICE PHONE: (979) 836-5681  
FAX: (979) 836-5683  
www.hoddesurveying.com

THENCE along an East line hereof and of said original tract, being along the apparent West line of said Anderson residue tract, being partly in said Kelley Road, S 0°45'52" E at 1319.78 feet pass the North corner of said fence encroachment area "A" (included), being at the end of the County maintained portion of said Kelley Road as evidenced on the ground and at a total distance of 1811.08 feet to a ½ inch iron pipe found with Id. cap (Kalkomey Surveying) at the base of a 6 inch Cedar fence corner post for an angle point hereof and of said original tract, being the South corner of said fence encroachment area "A" (included) and being the North corner of fence encroachment area "B" (0.041 acre) lying between an existing fence and the common deed line of said original tract called 723.0317 acres, Volume 1259, Page 343 and said Earline Hoffman tract called 49.92 acres, Volume 287, Page 514 (not included) said fence is East of the common deed line, also being the apparent Southwest corner of said Anderson residue tract, being the Northwest corner of said Hoffman tract called 49.92 acres, a 4"x6" concrete monument found at the base of a 6 inch Cedar fence corner post for the apparent Southwest corner of the Linda K. Dezelle tract called 52.01 acres, as described in Volume 461, Page 783, in said Deed Records of Waller County, Texas bears N 86°36'48" E 31.07 feet;


THENCE along the West line of said Hoffman tract for an East line hereof and of said original tract, S 1°20'15" E, at 1264.37 feet pass the Southwest corner of said fence encroachment area "B" (not included), being the Northeast corner of said fence encroachment area "C" (included), and at a total distance of 1267.56 feet to the place of beginning and containing 723.077 acres of land, including said 5.877 acres situated within the fenced margins of said Kelley Road, and also including fence encroachment areas "A", "C", "E", "F", "G", "J" and "K", and conflict area "A".

The bearing stated herein are relative to true North as obtained by GPS Observations, observed at Latitude: 30°08'10.68464" N - Longitude: 96°04'14.17677" W (NAD-83).

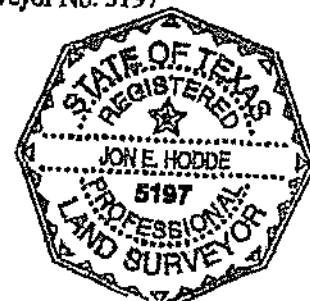
There was a separate survey map prepared in conjunction with this metes and bounds description.

I, Jon E. Hodde, Registered Professional Land Surveyor No. 5197 of the State of Texas, do hereby certify that the foregoing legal description describing 723.077 acres of land is true and correct in accordance with an actual survey made on the ground under my personal direction and supervision.

Dated this the 27th day of June, 2011, A. D.

  
Jon E. Hodde  
Registered Professional  
Land Surveyor No. 5197

Page 5 of 5





**PINTAIL LANDFILL  
APPENDIX ID  
LEGAL AUTHORITY**

Corporations Section  
P.O.Box 13697  
Austin, Texas 78711-3697



Hope Andrade  
Secretary of State

## Office of the Secretary of State

### Certificate of Fact

The undersigned, as Secretary of State of Texas, does hereby certify that the document, Certificate of Formation for Pintail Landfill LLC (file number 801294765), a Domestic Limited Liability Company (LLC), was filed in this office on July 16, 2010.

It is further certified that the entity status in Texas is in existence.

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on July 12, 2011.



A handwritten signature in cursive script, appearing to read "Hope Andrade".

Hope Andrade  
Secretary of State

Phone: (512) 463-5555  
Prepared by: SOS-WEB

Come visit us on the internet at <http://www.sos.state.tx.us/>  
Fax: (512) 463-5709  
TID: 10264

Dial: 7-1-1 for Relay Services  
Document: 376606820003

**PINTAIL LANDFILL**  
**APPENDIX IE**  
**DOCUMENTATION OF APPLICATION FEE PAYMENT**

**PINTAIL LANDFILL  
WALLER COUNTY, TEXAS  
TCEQ PERMIT APPLICATION NO. MSW \_\_\_\_\_**

**TYPE I MSW PERMIT APPLICATION FEE RECEIPT**

---

On behalf of Pintail Landfill, LLC, Biggs & Mathews Environmental, Inc. has made payment of the \$150.00 permit application fee online using TCEQ e-pay at [www.tceq.state.tx.us/epay](http://www.tceq.state.tx.us/epay).

The e-pay confirmation number is **582EA000100633**.

**Your transaction is complete. Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt and the vouchers for your records. An email receipt has also been sent.**

**Transaction Information**

**Trace Number:** 582EA000100633  
**Date:** 07/20/2011 07:56 AM  
**Payment Method:** CC - Authorization 0000084124  
**Amount:** \$150.00  
**ePay Actor:** Gwen Archer  
**Actor Email:** garcher@biggsandmathews.com  
**IP:** 69.15.66.138

**Payment Contact Information**

**Name:** Gregg Adams  
**Company:** Biggs & Mathews Environmental  
**Address:** 1700 Robert Road, Mansfield, TX 76063 5892  
**Phone:** 817-563-1144

**Cart Items**

Click on the voucher number to see the voucher details.

<b>Voucher</b>	<b>Fee Description</b>	<b>AR Number</b>	<b>Amount</b>
130747	NONHAZARDOUS WASTE PERMIT - NEW, AMENDMENTS & MODIFICATIONS		\$100.00
130748	30 TAC 305.53B HWP NOTIFICATION FEE		\$50.00
<b>Total fees for transaction:</b>		<b>\$150.00</b>	

**Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt for your records.**

Site Help | Disclaimer | Web Policies | Accessibility | Helping Our Customers | TCEQ Homeland Security | Contact Us | Customer Survey

[https://www6.tceq.state.tx.us/epay/index.cfm?fuseaction=receipts.pmt\\_detail&userid=101828&p...](https://www6.tceq.state.tx.us/epay/index.cfm?fuseaction=receipts.pmt_detail&userid=101828&p...) 7/20/2011

**PINTAIL LANDFILL, LLC  
PINTAIL LANDFILL TRANSFER STATION  
WALLER COUNTY, TEXAS  
TCEQ REGISTRATION NO. MSW \_\_\_\_\_**

**TYPE V REGISTRATION APPLICATION**

Prepared for

**PINTAIL LANDFILL, LLC**

August 2011

Prepared by

**BIGGS & MATHEWS ENVIRONMENTAL**

1700 Robert Road, Suite 100 • Mansfield, Texas 76063 • 817-563-1144

TEXAS BOARD OF PROFESSIONAL ENGINEERS  
FIRM REGISTRATION No. F-256

TEXAS BOARD OF PROFESSIONAL GEOSCIENTISTS  
FIRM REGISTRATION No. 50222



## **BIGGS & MATHEWS ENVIRONMENTAL**

*Consulting Engineers • Hydrogeologists*

---

Mansfield • Wichita Falls

August 1, 2011

Mr. Mark Vickery, P.G.  
Executive Director  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, TX 78711-3087

Attn: Christine Bergren  
Manager, MSW Permits Section  
MC-124

Re: Pintail Landfill, LLC  
Pintail Landfill Transfer Station  
TCEQ Registration No. MSW \_\_\_\_\_  
Waller County, Texas  
Type V Registration Application

Dear Mr. Vickery:

On behalf of Pintail Landfill, LLC, enclosed is a Type V Registration Application for the proposed transfer station to be located within the permit boundary of the proposed Type I Pintail Landfill, TCEQ Permit Application No. MSW 2377. This Type V Registration is requested in accordance with 30 TAC §330.9(b)(3). Included are four copies (one signed original and three copies) of the application for your review and approval. Parts I through IV of the application are included as required by the municipal solid waste regulations of the TCEQ (30 TAC Chapter 330).

We believe the enclosed application to be consistent with the requirements of the TCEQ. Please call or e-mail me if you have any questions at 817-563-1144 or [kwelch@biggsandmathews.com](mailto:kwelch@biggsandmathews.com).

Sincerely,

BIGGS & MATHEWS ENVIRONMENTAL  
TBPE No. F-256 • TBPG No. 50222

Kenneth J. Welch, P.E.  
Principal Engineer

Attachments: Part I Form – pages 1 through 10  
Registration Application (original and three copies)

cc: Pintail Landfill, LLC, c/o Mr. Ernest Kaufmann, President, Green Group Holdings, LLC