

Kimberly Cunningham

From: AirRR
Sent: Thursday, October 2, 2025 8:36 AM
To: OCC-NSR; R6AirPermitsTX@epa.gov; Landon Ford
Cc: R12APDMail
Subject: INITIAL, Kramer Family Texas 2 LLC, Project: 398630, Permit(s): 181677,
Attachments: Kramer Family Texas 2 Public Notice.docx

Please see Public Notice attached.

Kimberly Cunningham

From: Landon Ford <landford@live.com>
Sent: Wednesday, October 1, 2025 7:06 PM
To: Kimberly Cunningham
Subject: Re: Kramer Family Texas 2 Public Notice DRAFT 181677_398630

Approved

Get [Outlook for iOS](#)

From: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Sent: Wednesday, October 1, 2025 12:50 PM
To: LANDFORD@LIVE.COM <LANDFORD@LIVE.COM>
Subject: Kramer Family Texas 2 Public Notice DRAFT 181677_398630

Mr. Ford,

Please send approval within **2 business days**.

The NORI is a legally approved document and only the items listed below are subject to approval/correction. Please review carefully and provide corrections including a revised application as needed:

- Street address or driving directions to the facility
- Hyperlink for the map to facility - please confirm the map shows the general vicinity location of the facility
- Contaminant's list
- Public viewing place (must be in the same county as the facility and may be required to have internet access)
- For renewal applications, check all previous permitting actions since initial issuance or last renewal to make sure they are listed in Example A
 - Incorporation / consolidation of registrations for PBRs and Standard Permits being included with this application
 - Emission factor changes
 - Qualified facility changes
- Public Notice Technical Contact information
- Big or small business status (Small businesses will not receive Example B)

Please do not publish until you receive an email containing an administratively complete letter and public notice package.

Your prompt assistance is appreciated.

Kimberly Cunningham
License & Permit Specialist
Air Permits Division, TCEQ
512-239-1114
Kimberly.Cunningham@tceq.texas.gov



Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 2, 2025

MR LANDON FORD
MANAGER
KRAMER FAMILY TEXAS 2 LLC
PO BOX 1185
CENTERVILLE UT 84014-5185

Re: Declaration of Administrative Completeness
Animal Carcass Incinerator Registration for an Air Quality Standard Permit
Air Quality Registration Number: 181677
Animal Carcass Incinerator
Missouri City, Fort Bend County
Customer Reference Number: CN606433738
Regulated Entity Number: RN112292404

Dear Mr. Ford:

The Texas Commission on Environmental Quality (TCEQ) has declared the above-referenced application, received on September 29, 2025, administratively complete on October 2, 2025.

You are now required to publish notice of your proposed activity no later than the 30th day after the executive director received the application, which is October 29, 2025. To help you meet the regulatory requirements associated with this notice, we have included the following items:

- Notice for Newspaper Publication
- Instructions for Public Notice
- Affidavits of Publication
- Notification List

Please note that it is very important that you follow all directions in the enclosed instructions. If you do not, you may be required to republish the notice. Some common errors are the unauthorized changing of notice wording or font, omission of air contaminants, and inaccurate plant site location information represented in the application. Additional information can be found at www.tceq.texas.gov/permitting/air/bilingual/how1_2_pn.html or **if you have any questions, please contact us before you proceed with publication.**

The following items and time limitations are also described in the enclosed instructions. However, due to their importance we want to highlight them for you. **The processing of your application may be delayed if these time limitations are not met.**

1. Publish the enclosed notice no later than the 30th day after the date the executive director received the application, which is October 29, 2025 (see this letter's first paragraph for the application received date).
2. You may also be required to publish notice in an alternate language (refer to the enclosed *Instructions for Public Notice*). The Spanish notice templates are available at:

Mr. Landon Ford
Page 2
October 2, 2025

Re: Registration: 181677

www.tceq.texas.gov/permitting/air/nav/air_publicnotice.html

3. Ensure a copy of your application is provided to the TCEQ Regional Office that has oversight for the county in which you intend to operate your plant. This copy must be in place at the TCEQ Regional Office for the entire public comment period and be accessible to the public for review and copying.
4. Mail or email proof of publication of the notices, which show publication date and newspaper name, to the TCEQ Office of the Chief Clerk and mail copies to those on the enclosed *Notification List* within **10 business days** after the notice is published.
5. Return the *Affidavit of Publication for Air Permitting* (enclosed) and, if applicable, *Alternative Language Affidavit of Publication for Air Permitting* (enclosed) and the **Public Notice Verification (Form TCEQ-20546)** to the Office of the Chief Clerk and copies to those on the enclosed *Notification List* within **10 business days** after the notice is published in the newspaper. **The public notice verification form is available at www.tceq.texas.gov/permitting/air/nav/air_publicnotice.html.**

If you do not comply with **all** requirements described in the instructions, the TCEQ cannot continue processing the application and may take other actions.

If you have any questions regarding publication requirements, please contact the Office of the Chief Clerk at (512) 239-3300. If you have any other questions, please contact Ms. Kimberly Cunningham at (512) 239-1114.

Sincerely,



Nancy Birdsong, Team Leader
Air Permits Initial Review Team
Air Permits Division
Texas Commission on Environmental Quality

Enclosure

cc: Air Section Manager, Region 12 - Houston

Project Number: 398630

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF APPLICATION FOR AN AIR QUALITY STANDARD PERMIT FOR AN ANIMAL CARCASS INCINERATOR

PROPOSED AIR QUALITY REGISTRATION NUMBER 181677

APPLICATION. Kramer Family Texas 2 Llc, PO Box 1185, Centerville, UT 84014-5185 has applied to the Texas Commission on Environmental Quality (TCEQ) for an Air Quality Standard Permit, Registration Number 181677, which would authorize construction of an animal carcass incinerator. The facility is proposed to be located at 12906 Zavalla Road, Missouri City, Fort Bend County, Texas 77489. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.502945,29.616401&level=13>. This application was submitted to the TCEQ on September 29, 2025. The primary function of this facility is to properly dispose of animal carcasses through incineration. The executive director has determined the application was administratively complete on October 1, 2025.

PUBLIC COMMENT. Public written comments about this application may be submitted at any time during the public comment period. The public comment period begins on the first date notice is published and extends to 30 days from the publication date. Public comments may be submitted either in writing to Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087, or electronically at www14.tceq.texas.gov/epic/eComment/. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record.

RESPONSE TO COMMENTS. A written response to all relevant comments will be prepared by the executive director after the comment period closes. The response, along with the executive director's decision on the application, will be mailed to everyone who submitted public comments and requested to be added to the mailing list. The response to comments will be posted in the permit file for viewing.

The executive director shall approve or deny the application not later than 30 days after the end of the public comment period, considering all comments received within the comment period, and base this decision on whether the application meets the requirements of the standard permit.

CENTRAL/REGIONAL OFFICE. The application will be available for viewing and copying at the TCEQ Central Office and the TCEQ Houston Regional Office, located at 5425 Polk Street, Suite H, Houston, Texas 77023-1452, during the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday, beginning the first day of publication of this notice. The application, including any updates, is available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/air/airpermit-applications-notices>.

INFORMATION. For more information about the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040. You can also view our website for public participation opportunities at www.tceq.texas.gov/goto/participation.

Further information may also be obtained from Kramer Family Texas 2 Llc, PO Box 1185, Centerville, UT 84014-5185, or by calling Mr. Landon Ford, Manager at (715) 505-7180.

Notice Issuance Date: October 2, 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



Instructions for Public Notice For Air Quality Standard Permit for Animal Carcass Incinerators

Notice of Application

Your application has been declared administratively complete and now you must comply with the following instructions:

Please Review Notice

We have included in the notice all of the information which we believe is necessary. Please read it carefully and notify us immediately if it contains any errors or omissions. You are responsible for ensuring the accuracy of all information published. You may not change the text of the notice without prior approval from the TCEQ.

Newspaper Notice

- You must publish the enclosed Notice of Application no later than the 30th day after the date the executive director received the application, which is October 29, 2025 (see this letter's first paragraph for the application received date).
- You must publish the enclosed Notice of Application at your expense, in a newspaper of general circulation in the municipality in which the facility is proposed to be located or in the municipality nearest to the proposed location of the facility.
- You must publish this notice in one issue of any applicable newspaper.
- You will find an example notice enclosed in this package. This example must be published in the "public notice" section of the newspaper.

Alternate Language Notice

In certain circumstances, applicants for air permits must complete notice in alternate languages.

- Public notice rules require the applicant to determine whether a bilingual program is required at either the elementary or middle school nearest to the proposed facility location. Bilingual education programs are determined on a district-wide basis. When students who are required to attend either school are eligible to be enrolled in a bilingual education program, some alternative language notice is required (newspaper notice).
- Since the school district, and not the schools, must provide the bilingual education program, these programs do not have to be located at the above-mentioned schools to trigger the alternative language notice requirement. If there are students who would normally attend the nearest schools, but are eligible to be taught in a bilingual education program at a different location, alternative language notice is required.
- If triggered, publication of alternative language notices must be made in a newspaper or publication printed primarily in each language taught in the bilingual education program. This

notice is required if such a newspaper or publication exists in the municipality or the county where the facility is or will be located.

- The applicant must demonstrate a good faith effort to identify a newspaper or publication in the required language. If a general circulation newspaper or publication printed in such language cannot be found, publishing in that language is not required. Publication in an alternative language section or insertion within a large publication which is not printed primarily in that alternative language does not satisfy these requirements.
- It is suggested the applicant work with the local school district for the following:
 - (a) Determine if a bilingual program is required in the district;
 - (b) Determine which language is required by the bilingual program;
 - (c) Locate the nearest elementary and middle schools; and
 - (d) Determine if any students attending either school are eligible to be enrolled in a bilingual educational program.

Proof of Publication

- You must submit proof of publication that shows the notice, the date of publication, and the name of the newspaper to the Office of the Chief Clerk within **10 business days** after the date of publication. Acceptable proofs of publication are 1) copies of the published notice or 2) the newspaper clippings of the published notice. If you choose to submit copies of the published notice to the Office of the Chief Clerk, copies must be on standard-size 8½" x 11" paper and must show the actual size of the published notice (do not reduce the image when making copies). Published notices longer than 11" must be copied onto multiple 8½" x 11" pages. Please note, submitting a copy of your published notice could result in faster processing of your application. It is recommended that you maintain newspaper clippings or tear sheets of the notice for your records.
- You must submit the **affidavits of publication** and the **Public Notice Verification Form (Form TCEQ-20546)** with the proof of publication described above to the Office of the Chief Clerk. **You must use the enclosed affidavit.** The affidavit must clearly identify the applicant's name and TCEQ Registration Number. **The public notice verification form is available at http://www.tceq.texas.gov/permitting/air/nav/air_publicnotice.html.**
- The **affidavits of publication and acceptable proof of publication of the published notices** should be emailed to PROOFS@tceq.texas.gov or mailed to:

Texas Commission on Environmental Quality
Office of the Chief Clerk, MC-105
Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

Please ensure that the affidavits you send to the Chief Clerk have all blanks filled in correctly.

- **Photocopies of newspaper clippings, affidavits, and verification form must also** be sent to those listed on the enclosed *Notification List* within the deadlines specified above.

Failure to Publish and Submit Proof of Publication

You must meet all publication requirements. **If you fail to publish the notice or submit proof of publication, on time, the TCEQ may suspend further processing on your application or take other actions.**

Application at the Regional Office

- You must provide a copy of the administratively complete application to the appropriate regional office that has jurisdiction over the county in which the plant is to be located. The application must be available for review and copying by the public.
- The administratively complete application must be available beginning the first day of newspaper publication and remain available until the end of the public hearing, which is the length of the public comment period.
- If the application is submitted to the TCEQ with information marked as confidential, you are required to indicate which specific portions of the application are not being made available to the public. These portions of the application must be accompanied with the following statement: "Any request for portions of this application that are marked as confidential must be submitted in writing, pursuant to the Public Information Act, to Texas Commission on Environmental Quality, Public Information Coordinator, MC-197, P.O. Box 13087, Austin, Texas 78711-3087."

General Information

When contacting the Commission regarding this application, please refer to the Registration Number at the top of the Notice of Application.

If you wish to obtain an electronic copy, please contact the technical reviewer who assisted in the preparation of this public notice package. The electronic copy will consist of the example notice, the equivalent in Spanish (if applicable), and the instructions. The electronic version is available in Microsoft Word format only and can be requested once your application has been declared administratively complete.

If you have questions or need assistance regarding publication requirements, please contact the Office of the Chief Clerk at (512) 239-3300 or the technical reviewer listed in the cover letter.

TCEQ-Office of the Chief Clerk
MC-105 Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

Applicant Name: Kramer Family Texas 2 LLC
Permit No.: 181677
Application Received Date: September 29, 2025

AFFIDAVIT OF PUBLICATION FOR AIR PERMITTING

STATE OF TEXAS §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared

_____, who being by me duly sworn, deposes and says that (s)he is *(Name of Person Representing Newspaper)*

the _____ of the _____
(Title of Person Representing Newspaper) *(Name of the Newspaper)*

that said newspaper is generally circulated in _____, Texas;
(The municipality or nearest municipality to the location of the facility or the proposed facility)

that the enclosed notice was published in said newspaper on the following date(s):

(Newspaper Representative's Signature)

Subscribed and sworn to before me this the _____ day of _____, 20____
to certify which witness my hand and seal of office.

[Affix Seal]

Notary Public in and for the State of Texas

Print or Type Name of Notary Public

My Commission Expires

TCEQ-Office of the Chief Clerk
MC-105 Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

Applicant Name: Kramer Family Texas 2 LLC
Permit No.: 181677
Application Received Date: September 29, 2025

ALTERNATIVE LANGUAGE AFFIDAVIT OF PUBLICATION FOR AIR PERMITTING

STATE OF TEXAS §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared

_____, who being by me duly sworn, deposes and says that (s)he is (*Name of Person Representing Newspaper*)

the _____ of the _____;
(*Title of Person Representing Newspaper*) (*Name of the Newspaper*)

that said newspaper is generally circulated in _____, Texas;
(*The municipality or county in which the facility or proposed facility is located*)

that the enclosed notice was published in said newspaper on the following date(s):

(*Newspaper Representative's Signature*)

Subscribe and sworn to before me this the _____ day of _____, 20____
to certify which witness my hand and seal of office.

[Affix Seal]

Notary Public in and for the State of Texas

Print or Type Name of Notary Public

My Commission Expires

Notification List

It is the responsibility of the applicant to furnish the following offices with copies of the notices published, the *Affidavit of Publication for Air Permitting*, the *Alternative Language Affidavit of Publication for Air Permitting (if applicable)*, and a completed copy of the *Public Notice Verification Form (Form TCEQ-20546)*. Acceptable proof of publication and any affidavits and Form TCEQ-20546 should be emailed to PROOFS@tceq.texas.gov or mailed to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087.

Electronic copies should be submitted via email to the U.S. Environmental Protection Agency (EPA), **Region 6** at R6AirPermitsTX@EPA.gov. Please contact Ms. Aimee Wilson (wilson.aimee@epa.gov) at (214) 665-7596 if you have any questions pertaining to electronic submittals to the EPA.

Email copies to Mr. Joshua Wheatley at Joshua.Wheatley@tceq.texas.gov

Hard copies should be sent to the following:

Texas Commission on Environmental Quality
Houston Regional Office
5425 Polk Street, Suite H
Houston, Texas 77023-1452

For TCEQ Use Only

**Permit Application Routing and Summary Sheet
Air Permits**

This sheet should accompany all notices to be processed by the office of the chief clerk on the left side of the file folder.

Name of applicant:Kramer Family Texas 2 LLC	
Facility/ Site name: Animal Carcass Incinerator	
TCEQ permit number: 181677	
Application received date: September 29, 2025	
Customer reference number: CN606433738	
Regulated entity number: RN112292404	
County: Fort Bend	Region: 12
Local program 1:	Local program 2:
Permit type: Standard Permit Application	
Internal program routing	
Tech. team leader: Mr. Joshua Wheatley	Phone no. (512) 239-4343
APIRT team leader: Nancy Birdsong	Date: October 2, 2025
Administratively reviewed by: Kimberly Cunningham	Phone no. (512) 239-1114
Administratively complete date: October 2, 2025	
Public viewing location must have internet access: ☐ Yes ☒ No	
Is 2nd public notice required: ☐ Yes ☒ No	
*Other	

For TCEQ Use Only

Applicant and Contact Information

This sheet should accompany all notices to be processed by the office of the chief clerk on the right side of the file folder.

Applicant's main contact and address to be shown on permit:	
Name/Title: Landon Ford, Manager	
Company: Kramer Family Texas 2 Llc	
Street/Road: PO Box 1185	
City/State/Zip: Centerville, UT 84014-5185	
Telephone: (715) 505-7180	Fax:
Applicant's technical representative/ consultant:	
Name/Title: Landon Ford, Manager	
Company: Kramer Family Texas 2 Llc	
Street/Road: PO Box 1185	
City/State/Zip: Centerville, UT 84014-5185	
Phone: (715) 505-7180	Fax:
Person responsible for publishing notice:	
Name/Title: Landon Ford, Manager	
Company: Kramer Family Texas 2 Llc	
Street/Road: PO Box 1185	
City/State/Zip: Centerville, UT 84014-5185	
Telephone: (715) 505-7180	Fax:

Kimberly Cunningham

From: Landon Ford <landford@live.com>
Sent: Wednesday, October 1, 2025 12:56 PM
To: Kimberly Cunningham
Subject: Re: DUE by 5:00 p.m. TODAY Latitude and Longitude for 181677_398630

Thank you.
Please find: (29.6164012, -95.5029458)

11:53



12906 Zavalla Rd

Zavalla Rd

Get [Outlook for iOS](#)

From: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Sent: Wednesday, October 1, 2025 11:51:19 AM
To: Landon Ford <landford@live.com>
Subject: RE: DUE by 5:00 p.m. TODAY Latitude and Longitude for 181677_398630

Mr. Ford,

Latitude is the measurement of a location north or south of the equator. Longitude is the measurement of a location east or west of the prime meridian. Together they determine and describe the position of a place on earth's surface. (coordinates)

Here is a link from TCEQ's website that allows you to enter the physical address of a location and find the coordinates.

[Location Mapper \(Formerly HB610 Viewer\) - Texas Commission on Environmental Quality - www.tceq.texas.gov](#)

The coordinates are use in the public notice document.

Let me know if you have any more questions,
Kimberly Cunningham

From: Landon Ford <landford@live.com>
Sent: Wednesday, October 1, 2025 12:44 PM
To: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Subject: Re: DUE by 5:00 p.m. TODAY Latitude and Longitude for 181677_398630

What is latitude and longitude? Is that a form? Or is that something I'm supposed to create?

Get [Outlook for iOS](#)

From: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Sent: Wednesday, October 1, 2025 11:41 AM
To: Landon Ford <landford@live.com>
Subject: DUE by 5:00 p.m. TODAY Latitude and Longitude for 181677_398630

Mr. Ford,

Due to our processing timelines, please submit **latitude and longitude** for the above project by 5:00 p.m. TODAY or it may be necessary to withdraw your application.
If your application is withdrawn, you will need to resubmit your permit request in STEERS.

Your prompt assistance is appreciated,
Kimberly Cunningham

From: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Sent: Tuesday, September 30, 2025 4:39 PM
To: Landon Ford <landford@live.com>
Subject: RE: Additional Info for 181677_398630

Mr. Ford,

Thank you for your apology and for the attached PI-1S form.

I still need the **latitude and longitude**.

Thank you,
Kimberly

From: Landon Ford <landford@live.com>
Sent: Tuesday, September 30, 2025 4:32 PM
To: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Subject: Re: Additional Info for 181677_398630

Hi Kimberly,
May our first say I apologize. I created this mess, totally my fault.

I have updated the PI-1S and attached it here.

I don't do this often, so I appreciate any patience. Is there another document I need to update to fix the error I created?

*We want it all to be under Kramer Family Texas 2 LLC.

From: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Sent: Tuesday, September 30, 2025 3:44 PM
To: Landon Ford <landford@live.com>
Subject: RE: Additional Info for 181677_398630

The CN the permit is currently under is Kramer Family Texas 2 LLC.

If you want it to be Friends Cremation LLC then make all the updates in the Application and Copy of Record.

Use the STEERS reference number 820975 to access the forms. (See below for other numbers you may need to reference.)

By **COB on Wednesday, October 1, 2025**, I need the following:

- An updated Application with
 - the **correct CN name**
 - the correct Facility **city and zip code**
- An updated Copy of Record with **latitude and longitude**
- The information in the Application to **match** the information in the Copy of Record

Kimberly Cunningham

Fee Payment

Transaction by:	The application fee payment transaction was made by ER080216/Landon Ford
Paid by:	The application fee was paid by LANDON FORD
Fee Amount:	\$900.00
Paid Date:	The application fee was paid on 2025-09-29
Transaction/Voucher number:	The transaction number is 582EA000686717 and the voucher number is 785225

Submission

Reference Number:	The application reference number is 820975
Submitted by:	The application was submitted by ER080216/Landon Ford
Submitted Timestamp:	The application was submitted on 2025-09-29 at 10:07:42 CDT
Submitted From:	The application was submitted from IP address 24.10.142.85
Confirmation Number:	The confirmation number is 681238
Steers Version:	The STEERS version is 6.92

From: Landon Ford <landford@live.com>
Sent: Tuesday, September 30, 2025 3:35 PM
To: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Subject: Re: Additional Info for 181677_398630

Also I said in my previous email it should be Friends Cremation LLC. Not Kramer. But you are asking for Kramer?

Get [Outlook for iOS](#)

From: Landon Ford <landford@live.com>
Sent: Tuesday, September 30, 2025 2:33:37 PM
To: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Subject: Re: Additional Info for 181677_398630

How do I update this information?

Get [Outlook for iOS](#)

From: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Sent: Tuesday, September 30, 2025 2:31 PM
To: Landon Ford <landford@live.com>
Subject: RE: Additional Info for 181677_398630

Mr. Ford,

Kramer Family Texas 2 LLC is a valid company with the Texas Secretary of State.
By **COB on Wednesday, October 1, 2025**, I need the following:

- An updated Application with

- the correct CN name - Kramer Family Texas 2 LLC
- the correct Facility city and zip code
- An updated Copy of Record with latitude and longitude
- The information in the application to match the information in the Copy of Record

Your prompt assistance is appreciated,
Kimberly Cunningham

From: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Sent: Monday, September 29, 2025 2:12 PM
To: Landon Ford <landford@live.com>
Subject: RE: Additional Info for 181677_398630

Mr. Ford,

Let me talk to my mentor and see what he advises.

I'll get back to you,
Kimberly

From: Landon Ford <landford@live.com>
Sent: Monday, September 29, 2025 2:05 PM
To: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Subject: Re: Additional Info for 181677_398630

I'm sorry this was my mistake. It should be Friends Cremation LLC on the copy of record showing the regulated entity name.
Please advise what I need to do?

From: Kimberly Cunningham <Kimberly.Cunningham@tceq.texas.gov>
Sent: Monday, September 29, 2025 1:49 PM
To: LANDFORD@LIVE.COM <LANDFORD@LIVE.COM>
Subject: Additional Info for 181677_398630

Mr. Ford,

I received your application for the above referenced facility, and it is currently under review. These item(s) must be completed and returned **within 2 business days** before I can declare the application administratively complete:

The Copy of Record shows the Regulated Entity Name as being the same as the Legal Name. However, the PI-1S form shows a different Legal Name. These two companies have different Customer Numbers.

- Determine which Legal Name to use
- Latitude and Longitude

Copy of Record

Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	kramer family texas two
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	12906 Zavalla Road
City	Missouri City
State	TX
ZIP	77489
County	FORT BEND
Latitude (N) (##.#####)	
Longitude (W) (-###.#####)	
Facility NAICS Code	
What is the primary business of this entity?	
Customer (Applicant) Information	
How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Kramer Family Texas 2 LLC

PI-1S Form

I. Registrant Information
A. Company or Other Legal Customer Name: Friends Cremation LLC

Your prompt assistance is appreciated.

Kimberly Cunningham
 License & Permit Specialist
 Air Permits Division, TCEQ
 512-239-1114
Kimberly.Cunningham@tceq.texas.gov



**Registrations for Air Standard Permit
Form PI-1S Instructions
Texas Commission on Environmental Quality**

Table of Contents

Introduction	1
Overview.....	1
Small Business Information and Agency Contacts.....	1
Instructions for Form PI-1S.....	2
I. Registrant Information	2
II. Facility and Site Information.....	2
III. Fee Information	5
IV. Public Notice	5
V. Renewal Certification Option.....	6
VI. Technical Information Including State and Federal Regulatory Requirements.....	7
VII. Delinquent Fees and Penalties	10
VIII. Signature Requirements	10
IX. Copies of the Registration.....	10

Introduction

The primary purpose of the Form PI-1S is to provide all administrative and technical information needed by the Air Permit Division (APD) to evaluate Standard Permit applications. These instructions are intended for use by applicants and consultants to help you prepare a complete Standard Permit request. The review of your project will go faster if you provide all necessary documents and information requested in the Form PI-1S and in the Core Data Form (TCEQ No. 10400).

Note: Applicants submitting registrations for Concrete Batch Plants (6004) and Concrete Batch Plants with Enhanced Controls (6008) must submit the PI-1S-CBP available here:

www.tceq.texas.gov/permitting/air/forms/newsourcereview/nsr_sp_forms.html. It is required for these standard permit registrations received on or after September 1, 2020.

Applicants submitting registrations for the Marine Loading Operations standard permit (6021) are required to submit the PI-1S-MLO available here:

www.tceq.texas.gov/permitting/air/forms/newsourcereview/nsr_sp_forms.html.

Overview

Texas Commission on Environmental Quality (TCEQ) regulates the release of air contaminants for specific, well-characterized classes of facilities under its Standard Permits.

Standard Permit projects must meet the requirements of the specific Standard Permit. For more information about the available Standard Permits, see our web page Standard Air Permits at www.tceq.texas.gov/permitting/air/nav/standard.html. TCEQ also has an Air Quality Permitting fact sheet available to assist you in determining some of the other state or federal requirements you may need to know, found at www.tceq.texas.gov/permitting/air/guidance/permit-factsheets.html

ePermits: TCEQ now requires the use of the online TCEQ e-Services system at <https://www.tceq.texas.gov/agency/tceq-online-services> to register your standard permit, pay registration fees, and receive registrations. To use the online system, you need to have an active State of Texas Environmental Electronic Reporting System (STEERS) account. Access STEERS at www3.tceq.texas.gov/steers/. For help with ePermits refer to the TCEQ STEERS ePermits Help web page at www3.tceq.texas.gov/steers/help/epr/eprmain.html. If an attachment cannot be submitted through STEERS due to the file size of an attachment which exceeds 50 MB or a file type which is not accepted, submit through FTPS. If using FTPS, you will share files with APIRT@tceq.texas.gov for the initial submittal. Once your project has been assigned, you will share files directly with your reviewer.

Confidential files should be submitted through STEERS or the TCEQ FTPS. All pages must be marked confidential and have *confidential* in the file name. Confidential submittals must be separate from non-confidential submittals.

Small Business Information and Agency Contacts

For agency contacts, see Contact Information for Air Permit Applications (including Environmental Assistance Division) by going to the “Who to go to for specific questions on air permit applications” link at www.tceq.texas.gov/permitting/air/air_permits.html.

Instructions for Form PI-1S

These instructions are provided to assist the regulated community to accurately complete a registration request to operate under a standard permit.

I. Registrant Information

- A. Company or Other Legal Customer Name:** Registrations are claimed by either the facility owner or operator, commonly referred to as the “registrant.” List the legal name of the company, corporation, partnership, or person who is applying for the standard permit. Applicants can verify the legal name with the Texas Secretary of State at (512) 463-5555 or at <https://www.sos.state.tx.us/index.shtml>. TCEQ will also verify the legal name with the Texas Secretary of State. You may be asked to correct the name provided on the Form PI-1S, if found to be different. In some cases, we may request a copy of the legal document forming the entity to verify the legal name; for example: general partnership filed with the county.
- B. Company Official Contact Information:** Provide the name, title, mailing address, telephone number, fax number, and email address of the company official contact. The company official must not be a consultant. All correspondence and issued permit documents will be sent via email within one business day of TCEQ’s decision. Please ensure that the email address provided for the company official is the most appropriate to receive time-sensitive correspondence from TCEQ.
- C. Technical Contact Information:** Provide the name, title, company, mailing address, telephone number, fax number, and email address of the person TCEQ should contact for technical questions. This person must have the authority to make binding agreements and representations on behalf of the registrant. The technical contact may be a consultant.

II. Facility and Site Information

- A. Name and Type of Facility:** Enter the name of the facility for which the standard permit registration is being requested. The name should be descriptive and indicate the general type of operation, manufacturing process, equipment, or facility which would be authorized under the standard permit (include any numerical designation, if appropriate). The name must be descriptive and specific. Examples of acceptable names are, “Sulfuric Acid Plant” and “No. 5 Steam Boiler” Vague names such as, “Chemical Plant” and “North Process Area,” are not acceptable names. Also, check the appropriate box indicating the type of facility as either permanent or temporary. For hot mix asphalt plants, a temporary plant is limited to 180 days on site, or for the duration required to complete a single project. Hot mix asphalt plants that are expected to remain on site more than 180 days, and all rock and concrete crushers are considered permanent. Additionally, oil and gas production units are usually considered to be permanent. For portable units, please provide the serial number(s) of the equipment being authorized.
- B. Facility Location Information:** Provide the street address of the facility, if available. If there is no street address, describe the physical location with specific written directions. Identify the location by distance and direction from well-known landmarks, such as highway intersections. It is very important to also include the city and county where the facility will be located. If the address is not located in a city, then enter the city or town closest to the facility even if it is not in the same county as the facility. The county indicated must be the county where the facility is physically located. Please include the ZIP Code of the physical facility site, not the ZIP Code of the applicant’s mailing address. In some cases, TCEQ may request a map showing the location of the facility during the review of the standard permit registration.
- C. TCEQ Core Data Form:** We require that you submit a Core Data Form (TCEQ Form Number 10400) on all incoming applications unless the following are met.
 - 1. Regulated Entity and Customer Reference Numbers have been issued by TCEQ and.
 - 2. No Core data information has changed.

Note: The Core Data Form is required for Standard Permits, 6002, 6007, 6012, 6013, 6014, and 6020 without exception. Information required on the Core Data Form includes the following:

- **Customer Reference Number (CN):** This is a unique number given to each business, governmental body, association, individual, or other entity that owns, operates, is responsible for, or is affiliated with a regulated entity. We assign the CN when a Core Data Form is initially submitted.
- **Regulated Entity Number (RN):** This is a unique agency assigned number given to each person, organization, place, or thing that is of environmental interest to us and where regulated activities will occur. The RN is assigned when a Core Data Form is initially submitted, if the agency has conducted an investigation, or if the agency has issued an enforcement action. The RN replaces existing air account numbers. The RN for portable units is assigned to the unit itself, and that same RN should be used when applying for authorization at a different location.

Note: *The company and facility site information provided on the Core Data Form must be the same as provided on the Form PI-1S.*

D. TCEQ Account Identification Number: This number was assigned by TCEQ to the entire property owned or controlled by the applicant at a specific location. A typical example of an air quality account number is, JB-1234-R. Portable facilities are assigned account identification numbers which begin with a number, such as 92-1234-K. Provide your TCEQ account identification number if known.

E. Type of Action: Indicate the type of action being requested by checking the appropriate box. Check:

- *Initial Application* – if the facility has not previously been authorized by a standard permit,
- *Change to Registration* – if the facility has been previously registered, but changes or additions have occurred,
- *Renewal or Renewal Certification* – if a standard permit registration for the facility must be renewed. To determine which type of renewal the project qualifies for, see Section V Renewal Certification Option.

Provide the existing registration number and expiration date if Change to Registration, Renewal, or Renewal Certification is checked.

- F. Standard Permit Claimed:** Provide the standard permit that is being claimed. Below is a list of standard permits that can be claimed using the Form PI-1S. If the standard permit to be claimed is not listed, please check the Air Permits website for the appropriate registration or notification form at www.tceq.texas.gov/permitting/air/nav/standard.html.

Standard Permit	Description
6001	Air Quality Pollution Control Projects
6002	Oil and Gas Handling and Production Facilities
6005	Electric Generating Units
6007	Permanent Hot Mix Asphalt Plants Temporary Hot Mix Asphalt Plants
6009	Animal Carcass Incinerators
6011	Boilers
6012	Sawmills
6013	Permanent Rock and Concrete Crushers
6014	Anhydrous Ammonia Storage and Distribution Operations
6015	Dry Bulk Fertilizer Handling Operations
6016	Cotton Gin Facilities and Cotton Burr Tub Grinders
6017	Feedmills, Portable Augers, and Hay Grinders
6018	Grain Elevator/Grain Handling Operations and Portable Grain Augers
6019	Peanut-Handling Operations
6020	Temporary and Permanent Polyphosphate Blenders
6022	Natural Gas Electric Generating Units

- G. Previous Standard Exemption or Permits by Rule (PBR) Registration Number:** If this standard permit application is for a change to an existing facility previously authorized under a standard exemption or PBR, list the previous standard exemption number(s), PBR registration number(s), and the associated effective date. Also attach additional information on whether the facility still meets the previous standard exemption or PBR, or whether a new registration is required and the previous standard exemption or PBR should be voided.
- H. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit:** To properly track how this standard permit application may relate to other authorizations or compliance with TCEQ standard permit regulations, it is important to list all standard exemption number(s), PBR registration number(s), and Standard Permit registration number(s), and the associated effective date.
- I. Other Air Preconstruction Permits:** If the registration is for a site that has any other minor or federal new source review (NSR) air preconstruction permits, list all permit numbers.
- J. Affected Air Preconstruction Permits:** If the standard permit being claimed directly affects any permitted facility, list the affected preconstruction permit numbers.

K. Federal Operating Permit (FOP) Requirements (30 Texas Administrative Code (TAC) Chapter 122 Applicability): Information and guidance on applicability of 30 TAC Chapter 122 can be accessed on our Program Applicability web page at www.tceq.texas.gov/permitting/air/titlev/pro_applicability.html.

1. If this standard permit application results in an increase in the site's potential to emit and renders the site a major source as defined in 30 TAC Chapter 122, a FOP application is required. Check the appropriate box if you are submitting a General Operating Permit (GOP) or Site Operating Permit (SOP) application or revision application. Guidance on submitting these applications is available on the Guidance for Title V Operating Permits web page at www.tceq.texas.gov/permitting/air/nav/air_titlevopperm.html.
2. Identify the type(s) of FOP(s) issued for the site by checking the appropriate box. In addition, check the appropriate box if any GOP or SOP application(s) for the site, including revision applications, are currently under review.

If you have questions about the applicability of 30 TAC Chapter 122 or impact of this Form PI-1S on your existing FOP, please contact the TCEQ APD at (512) 239-1250, and ask to speak with someone in the Operating Permits Section.

III. Fee Information

Most standard permit registrations require an application fee at the time of application submittal. All fees must be paid prior to processing any standard permit authorization. All fees must be paid through STEERS.

A. Fee Amount: Review the specific standard permit you are requesting authorization for on our Standard Air Permits web page at www.tceq.texas.gov/permitting/air/nav/standard.html to determine fee requirements. Enter the fee amount paid for this registration.

B. Payment Information: Enter voucher number from ePay, if available.

IV. Public Notice

The Texas Health and Safety Code (THSC), §382.056 and corresponding rules in 30 TAC Chapter 39 (Public Notice), or the Standard Permit being claimed, may require that you publish a notice of application, or a consolidated Notice of Application and Intent to Obtain Permit and Notice of Application and Preliminary Decision. Notices must be published in a newspaper of general circulation in the municipality where the proposed facility is or will be located. The notice must include a description of the facility and the fact that a person who may be affected by emissions from the facility may submit comments about the project, request a public hearing – as applicable to the Standard Permit being claimed, or request any other information TCEQ requires by rule. Signs must also be posted around the proposed facility location – as applicable to the Standard Permit being claimed. Additional information regarding public notice such as an overview of requirements, an applicability table, and a list of some common errors that may cause re-notice and delays in processing your application can be found at www.tceq.texas.gov/permitting/air/bilingual/how1_2_pn.html.

Review the specific standard permit you are requesting authorization for on our Standard Air Permits web page at www.tceq.texas.gov/permitting/air/nav/standard.html to determine public notice requirements.

If you are unsure whether public notice applies, we encourage you to complete this section to expedite review of your application.

A. Responsible Person: A designated representative for the applicant should be identified as the person responsible for ensuring public notice is properly published in the appropriate newspaper and signs as applicable are posted at the facility site. Provide the name, title, company, mailing address, telephone number, fax number, and email address of the responsible person. This person will be contacted directly when TCEQ is ready to authorize public notice for the application. To expedite contact, email and fax numbers are requested.

- B. Technical Contact:** The THSC, §382.056 requires that each public notice contain a technical contact to represent the applicant during the public comment period. Provide the name, title, company, mailing address, telephone number, fax number, and email address of the technical contact. This person is responsible for answering any questions from the general public regarding the application and their name and phone number will be listed in the public notice. This person may or may not be the technical contact for the permit application review.
- C. Bilingual Notice:** In some cases, 30 TAC §39.405(h) or the Standard Permit being claimed requires that you publish public notice in an alternative language newspaper. The questions on the Form PI-1S are designed to assist you in determining if a bilingual notice is required. If an elementary or middle school nearest to the facility is in a school district required by the Texas Education Code to have a bilingual program, a bilingual notice will be required. If there is no bilingual program required in the school nearest the facility, but children who would normally attend those schools are eligible to attend bilingual programs elsewhere in the school district, the bilingual notice will also be required. If it is determined that alternate language notice is required, you are responsible for ensuring that the publication in the alternate language is complete and accurate in that language.
- D. Small Business Classification and Alternate Public Notice:** If a permit is being requested by a small business, the rules allow for alternative public notification requirements if all of the following are met:
- the company employs 100 people or less, or the company generates 6 million dollars or less in gross annual receipts;
 - the source is not a major stationary source under the federal operating permit requirements;
 - the site does not emit 50 tons per year or more of any individual regulated air contaminant; and
 - the site does not emit 75 tons per year or more of all regulated air contaminants combined.
- If these requirements are met, public notice does not have to include publication of the prominent (15 square inch) newspaper notice.

V. Renewal Certification Option

Renewal projects qualify for the renewal certification option if the answer is, “No,” to each of the following questions in this section. The application for renewal certification projects does not need to include the Technical Information in Section VI. Except for renewals of a registration for the Standard Permit for Pollution Control Projects or Electric Generating Units, if a new version of the applicable standard permit has been issued since the applicant’s last action, the renewal certification option is not available.

Note: If notice is applicable and comments are received in response to the public notice, the application does not qualify for the renewal certification option.

- A.** Does the permitted facility emit an air contaminant on the Air Pollutant Watch List and is the permitted facility located in an area on the watch list? The air contaminants and locations can be found on the TCEQ website at www.tceq.texas.gov/toxicology/apwl/apwl.html.
- B.** For facilities participating in the Houston/Galveston/Brazoria area (HGB) cap and trade program for highly reactive VOCs (HRVOCs), the HRVOCs need to be speciated on the maximum allowable emission rates table (MAERT). For information on the HGB area cap and trade program for HRVOCs refer to 30 TAC §115.10. If this permit authorized emission of ethylene, propylene, 1, 3-butadiene, or butenes, these emissions must be speciated on the MAERT.
- C.** Does the company and/or site have an unsatisfactory compliance history? The compliance history rating for the company and the site can be found on the TCEQ website at www2.tceq.texas.gov/oce/ch/index.cfm by entering the regulated entity number or customer name.

- D. Are there any applications currently under review for this standard permit registration?
- E. Are planned maintenance, startup, or shutdown emissions required to be included in the standard permit registration at this time?
- F. Are any of the following actions being requested at this time? For more information regarding changes to representations refer to 30 TAC §116.615.
 - Are there any facilities that have been permanently shutdown that are proposed to be removed from the standard permit registration?
 - The following can result in changes to the standard permit registration:
 - Changes to representations at the site
 - Emissions factors changes for any source
 - Emissions calculation methodology changes for any source

A newer version of Compilation of Air Pollutant Emission Factors (AP-42) has been adopted with new emission factors (AP-42 can be found at www.epa.gov/air-emissions-factors-and-quantification/ap-42-compilation-air-emission-factors)

As a result, do changes need to be made to the standard permit registration in order to remain in compliance?
 - Are sources or facilities that have always been present and represented, but never identified in the standard permit registration, proposed to be included with this renewal?
 - Are there any changes to the current emission rates table being proposed?

VI. Technical Information Including State and Federal Regulatory Requirements

If any of the technical information below is not included with this submittal, it may result in a deficiency and voiding of the project. Additionally, any essential information (lab analysis, NAAQS compliance demonstrations, etc.) that is needed to confirm that facilities are meeting the requirements of the standard permit, must also be included. Attachments should include detailed demonstrations of compliance with all requirements.

A. Standard Permit Requirements: you must demonstrate compliance with the following, or provided detailed information for why any requirement is not applicable:

- General requirements in 30 TAC §§116.610 and 116.615,
- Emission limitations¹ of 30 TAC §106.261 or 30 TAC §106.262, and
- Individual requirements of the specific standard permit.

To assist you with preparing technical information, review our Air Quality Standard Permits General Requirements Checklist (TCEQ Form 20335) available on our Forms Search web page at www.tceq.texas.gov/search_forms.html. Use of the checklist is optional; however, your review will go faster if you supply this checklist.

B. Confidential Information: THSC, §382.041 requires us not to disclose any information related to manufacturing processes that is marked Confidential. Mark any information related to secret or proprietary processes or methods of manufacture as “Confidential,” if you do not want this information in the public file. All confidential information should be separated from the standard permit application and submitted as a separate file within the same submittal. Additional information regarding confidential information can be found at www.tceq.texas.gov/permitting/air/confidential.html.

¹ Unless specified by a particular standard permit, any project which results in a net increase of emissions of air contaminants from the project other than carbon dioxide, water, nitrogen, methane, ethane, hydrogen, oxygen, or those for which a National Ambient Air Quality Standard (NAAQS) has been established must meet the emission limitations of 30 TAC §106.261 or 30 TAC §106.262.

- C. Process Flow Diagram:** Provide a process flow diagram so that the permit reviewer can verify all technical information regarding the affected facility. The process flow diagram should be sufficiently descriptive so the permit reviewer can determine the raw materials to be used in the process; all major processing steps and major equipment items; individual emission points associated with each process step; the location and identification of all emission abatement devices; and the location and identification of all waste streams (including wastewater streams that may have associated air emissions). Block flow diagrams generally are not sufficient except for very simple facilities such as boilers.

Alternate material flows and changes in routing of emissions during periods of planned maintenance, startup, and shutdown (MSS) should be depicted as well as any alternate emission control devices that will be used during these periods.

- D. Process Description:** Provide a process description to accompany the process flow diagram that discusses each step in the process and provides a step-by-step explanation of exactly how your business operates. The description should lead the permit reviewer through the process with emphasis on where the emissions are generated, why the emissions must be generated, what air pollution controls are used (including process design features that minimize emissions), and where the emissions enter the atmosphere.

The process description must also explain how the facility or facilities will be operating when the maximum possible emissions are produced. For some source types, this will probably be the highest production rate. For other source types, the maximum emission rates may occur at partial load. When applicable, discuss cycle times, reaction times, temperatures, pressures, material flow rates, and production rates. Be specific, and do not use generalities such as a small amount, sometimes, and occasionally opened. The process description must also include how the facility is operated during periods of planned MSS and what emission reduction techniques will be used to limit emissions, changes in character of emissions, and the frequency and duration of each type of planned MSS activity.

All information in the process description is an enforceable representation.

- E. Maximum Emissions Data and Calculations:** Represent the maximum hourly and total annual emission rates of the project, including emission rates for planned MSS facilities and related activities. You must also provide a demonstration of expected continuous compliance with the represented emission rates.

Note: submittal of a Table 1(a) for standard permits is not required; however, your review will go faster if you supply the Table 1(a), which is available at www.tceq.texas.gov/permitting/air/forms/newsourcereview/tables/nsr_table1.html.

The permit reviewer must be able to duplicate all emission calculations to verify and confirm emissions data and rates represented in the application. Supporting calculations and the technical bases for the emission rates are required. Include all emission rates calculations and any assumptions made in determining the emission rates.

List and discuss planned MSS activities separately. Provide emission rates and supporting emissions information from planned MSS activities, frequency, and duration of all planned MSS activities, and all planned MSS activity effects on emission rates. Additionally, note all emission points unique to MSS activities. Maximum hourly emission rates, in pounds per hour, from planned MSS should be based on the maximum rates expected from the MSS activities. Annual planned MSS emission rates, in tons per year, should be based on the number of expected MSS activities during any consecutive 12-month period.

Maximum hourly emission rates, in pounds per hour, should be based on the maximum (design) production capacity of the facility. Dividing the annual emissions in tons per year by the annual hours of operation in order to determine hourly emissions in pounds per hour is often unacceptable and inaccurate since this approach typically underestimates hourly emissions.

Maximum annual emission rates, in tons per year, should reflect the operation of the facility throughout any consecutive 12-month period with consideration given to future facility growth.

Include a discussion of the hours of operation and how the hours of operation relate to emission rates on an hourly and annual basis.

If the process is a non-continuous batch operation, or there are widely varying operating scenarios, clearly identify and account for the variations in emissions in the maximum hourly and annual emission rates. Supply additional information to describe the emission variations, particularly for emissions from MSS facilities and related activities.

Include emission rate information for each air contaminant during production operations and during periods of planned MSS. Contaminants must be specifically identified. For example: methanol rather than hydrocarbons or polter/styrene resin dust and iron dust rather than dust. Provide applicable Material Safety Data Sheets (MSDS), Safety Data Sheets (SDS), Air Quality Data Sheets, or equivalent supporting documents that provide complete speciation for all mixtures that contain potential air contaminants.

If spreadsheets are used to estimate emissions, they should be formatted such that they are clear and easy to follow and include example calculations with units and the data sources for the inputs. The permit reviewer may request an electronic version of the spreadsheet to verify the emission calculations are correct.

- F. Plot Plan:** Provide a plot plan that clearly shows a scale, a north arrow, all property lines, emission points, buildings, tanks, process vessels, other process equipment, and two benchmark locations (preferably UTM coordinates). If you submit the plot plan electronically, the preferred format to use is *.dxf or *.dwg or any other computer aided drawing (CAD) format. Labeling on the plot plan listing identification of emission points, buildings, tanks, etc., must be consistent with other representations in the permit application such as emission calculations, process flow diagrams, Table 1(a), air dispersion modeling (if any), other permitting representations, and the TCEQ Emissions Inventory, if required.

Note: All emission points on the affected property must be identified, including emission points approved in other air authorizations (e.g., NSR permits, Standard Permits, PBRs, Standard Exemptions, and Title V Operating Permits). Please provide a table of all emission points that identifies the authorization type and authorization identifier, such as a permit number or rule citation under which each emission point is currently authorized.

- G. Projected Start of Construction Date, Projected Start of Operation Date, and Length of Time at the Site:** Provide the projected start of construction date, projected start of operation date, and the length of time the facility has been located at the site.

Note: Construction is broadly interpreted as anything other than site clearance or site preparation. Activities such as land clearing, soil load-bearing tests, leveling of the area, sewers and utility lines, road building, power line installation, fencing, and construction shack building are considered site clearance or preparation. Equipment may be received at a plant site and stored, provided no attempt is made to assemble the equipment or connect it to any electrical, plumbing, or other utility system. All work, such as excavation, form erection, or foundations upon which facilities will rest is considered construction. Submit any questions regarding the definition of start of construction to airperm@tceq.texas.gov with copies to the appropriate TCEQ regional office and any local air pollution control program(s) having jurisdiction. Each request for clarification must be in writing with sufficient detail to identify the specific activity in question, and the agency response to this request must be in writing for the authorization to be valid. Additional information can be found at www.tceq.texas.gov/permitting/air/newsourcereview/before.html.

VII. Delinquent Fees and Penalties

We will not process your application until all delinquent fees and applicable penalties owed to TCEQ or the Office of the Attorney General on behalf of TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol. More information regarding delinquent fee and penalties can be found at www.tceq.texas.gov/agency/financial/fees/delin/index.html.

VIII. Signature Requirements

The Company Official identified in Section I.B. must sign all copies of the application. The applicant's consultant cannot sign the application. If this project has a capital cost of more than \$2,000,000.00, this application must be submitted under seal of a Registered Texas Professional Engineer (P.E.) or the appropriate exemption must be claimed pursuant to the Texas Engineering Practice Act.

The Company Official's signature confirms knowledge of the facts included in the application, and affirms the facts contained in the application are true and correct. The signature also signifies awareness that intentionally or knowingly making false statements or representations in the application is a criminal offense subject to criminal penalties.

Note: Signatures must be original and in ink. Signatures may not be reproduced by photocopy, fax, or other means. The original signature must be received before any permit is issued.

Applicants may check application receipt and status using the New Source Review Air Permits web page at www2.tceq.texas.gov/airperm/index.cfm?fuseaction=airpermits.start. For questions relating to the initial receipt and administrative review of the application, please contact the Air Permits Initial Review Team at (512) 239-1250.

IX. Copies of the Registration

The Form PI-1S application must be submitted through ePermits. No additional copies need to be sent to the Regional Office or local Air Pollution Control Program(s). The link to ePermits can be found here: www3.tceq.texas.gov/steers/.

A copy must also be maintained on-site. For sites that normally operate unattended, a copy must be maintained at an office within Texas that has operational control of the site.

Also, all *subsequent* correspondence should be copied to the TCEQ regional office and local air pollution control program(s), as appropriate. Do not attach a copy of Form PI-1S to subsequent correspondence unless specifically requested, as this may cause another registration file to be created. Indicate the assigned TCEQ registration number, TCEQ regulated entity number, and permit reviewer, if known, on all subsequent correspondence.

Form PI-1S
Registrations for Air Standard Permit
(Page 1)
Texas Commission on Environmental Quality

I. Registrant Information
A. Company or Other Legal Customer Name: Kramer Family Texas 2 LLC
B. Company Official Contact Information: ☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other: _____
Name: Landon Ford
Title: Manager
Mailing Address: PO Box 1185
City: Centerville
State: UT
ZIP Code: 84014
Telephone Number: 7155057180
Fax Number:
Email Address: LandFord@Live.com
<i>All permit correspondence will be sent via email.</i>
C. Technical Contact Information ☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other: _____
Name: Landon Ford
Title: Manager
Company Name: Kramer Family Texas 2 LLC
Mailing Address: PO Box 1185
City: Centerville
State: UT
ZIP Code: 84014

Form PI-1S
Registrations for Air Standard Permit
(Page 2)
Texas Commission on Environmental Quality

I. Registrant Information (<i>continued</i>)
C. Technical Contact Information (<i>continued</i>)
Telephone Number: 7155057180
Fax Number:
Email Address: LandFord@Live.com
II. Facility and Site Information
A. Name and Type of Facility
Facility Name: Kramer Family Texas 2 LLC
Type of Facility: ☒ Permanent ☐ Temporary
For portable units, please provide the serial number of the equipment being authorized below.
Serial No(s):
B. Facility Location Information
Street Address: 12906 Zavalla Road
If there is no street address, provide written driving directions to the site and provide the closest city or town, county, and ZIP code for the site (attach description if additional space is needed).
City: Missouri City
County: Fort Bend
ZIP Code: 77489
C. Core Data Form (required for Standard Permits 6006, 6007, and 6013).
Is the Core Data Form (TCEQ Form 10400) attached? ☐ Yes ☒ No
Customer Reference Number (CN):
Regulated Entity Number (RN):
D. TCEQ Account Identification Number (if known):

Form PI-1S
Registrations for Air Standard Permit
(Page 3)
Texas Commission on Environmental Quality

II. Facility and Site Information (<i>continued</i>)
E. Type of Action ☒ Initial Application ☐ Change to Registration ☐ Renewal ☐ Renewal Certification
For Change to Registration, Renewal, or Renewal Certification actions provide the following:
Registration Number:
Expiration Date:
F. Standard Permit Claimed: Yes
G. Previous Standard Exemption or PBR Registration Number:
Is this authorization for a change to an existing facility previously authorized under a standard exemption or PBR? ☐ Yes ☒ No
If "Yes," enter previous standard exemption number(s) and PBR registration number(s) and associated effective date in the spaces provided below.
Standard Exemption Number(s):
PBR Registration Number(s):
H. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit
Are there any other facilities at this site that are authorized by an Air Standard Exemption, PBR, or Standard Permit? ☒ Yes ☐ No
If "Yes," enter standard exemption number(s), PBR registration number(s), Standard Permit Registration Number(s), and associated effective date in the spaces provided below.
Standard Exemption Number(s):
PBR Registration Number(s): Ref 662774, 567974, 421442
Standard Permit Registration Number(s):

Form PI-1S
Registrations for Air Standard Permit
(Page 4)
Texas Commission on Environmental Quality

II. Facility and Site Information <i>(continued)</i>
I. Other Air Preconstruction Permits
Are there any other air preconstruction permits at this site? ☐ Yes ☒ No
If "Yes," enter permit number(s) in the spaces provided below.
J. Affected Air Preconstruction Permits
Does the standard permit directly affect any permitted facility? ☐ Yes ☒ No
If "Yes," enter permit number(s) in the spaces provided below.
K. Federal Operating Permit (FOP) Requirements
Is this facility located at a site that is required to obtain a FOP pursuant to 30 TAC Chapter 122? ☐ Yes ☒ No ☐ To Be Determined
Check the requirements of 30 TAC Chapter 122 that will be triggered if this standard permit is approved <i>(check all that apply)</i> . ☐ Initial Application for a FOP ☐ Significant Revision for a SOP ☐ Minor Revision for a SOP ☐ Operational Flexibility/Off Permit Notification for a SOP ☐ Revision for a GOP ☐ To be Determined ☒ None
Identify the type(s) of FOP issued and/or FOP application(s) submitted/pending for the site. <i>(check all that apply)</i> ☐ SOP ☐ SOP application/revision (submitted or under APD review) ☐ GOP ☐ GOP application/revision (submitted or under APD review) ☒ N/A

Form PI-1S
Registrations for Air Standard Permit
(Page 5)
Texas Commission on Environmental Quality

III. Fee Information (go to www.tceq.texas.gov/epay to pay online)
A. Fee Amount:
B. Voucher number from ePay:
IV. Public Notice (if applicable)
A. Responsible Person
☐ Mr.
☐ Mrs.
☐ Ms.
☐ Other: _____
Name: Landon Ford
Title: Manager
Company: Kramer Family Texas 2 LLC
Mailing Address: PO Box 1185
City: Centerville
State: UT
ZIP Code: 84014
Telephone No.: 7155057180
Fax No.:
Email Address: LandFord@Live.com
B. Technical Contact
☒ Mr.
☐ Mrs.
☐ Ms.
☐ Other: _____
Name: Landon Ford
Title: Manager
Company: Kramer Family Texas 2 LLC
Mailing Address: PO Box 1185
City: Centerville
State: UT
ZIP Code: 84014

Form PI-1S
Registrations for Air Standard Permit
(Page 6)
Texas Commission on Environmental Quality

IV. Public Notice (if applicable)
B. Technical Contact
Telephone Number: 7155057180
Fax Number:
Email Address: LandFord@Live.com
C. Bilingual Notice
Is a bilingual program required by the Texas Education Code in the School District? ☐ Yes ☒ No
Are the children who attend either the elementary school or the middle school closest to your facility eligible to be enrolled in a bilingual program provided by the district? ☐ Yes ☒ No
If "Yes," list which language(s) are required by the bilingual program below? Language(s): _____ Language(s): _____
D. Small Business Classification and Alternate Public Notice
Does this company (including parent companies and subsidiary companies) have fewer than 100 employees or less than \$6 million in annual gross receipts? ☒ Yes ☐ No
Is the site a major source under 30 TAC Chapter 122, Federal Operating Permit Program? ☐ Yes ☒ No
Are the site emissions of any individual regulated air contaminant equal to or greater than 50 tpy? ☐ Yes ☒ No
Are the site emissions of all regulated air contaminant combined equal to or greater than 75 tpy? ☐ Yes ☒ No

Form PI-1S
Registrations for Air Standard Permit
(Page 7)
Texas Commission on Environmental Quality

V. Renewal Certification Option	
A.	Does the permitted facility emit an air contaminant on the Air Pollutant Watch List, and is the permitted facility located in an area on the watch list? ☐ Yes ☒ No
B.	For facilities participating in the Houston/Galveston/Brazoria area (HGB) cap and trade program for highly reactive VOCs (HRVOCs), do the HRVOCs need to be speciated on the maximum allowable emission rates table (MAERT)? ☐ Yes ☐ No
C.	Does the company and/or site have an unsatisfactory compliance history? ☐ Yes ☒ No
D.	Are there any applications currently under review for this standard permit registration? ☐ Yes ☐ No
E.	Are scheduled maintenance, startup, or shutdown emissions required to be included in the standard permit registration at this time? ☐ Yes ☐ No
F.	Are any of the following actions being requested at the time of renewal: ☐ Yes ☐ No
1.	Are there any facilities that have been permanently shut down that are proposed to be removed from the standard permit registration? ☐ Yes ☐ No
2.	Do changes need to be made to the standard permit registration in order to remain in compliance? ☐ Yes ☐ No
3.	Are sources or facilities that have always been present and represented, but never identified in the standard permit registration, proposed to be included with this renewal? ☐ Yes ☐ No
4.	Are there any changes to the current emission rates table being proposed? ☐ Yes ☐ No
<i>Note: If answers to all of the questions in Section V. Renewal Certification Option are "No," use the certification option and skip to Section VII. of this form. If the answers to any of the questions in Section V. Renewal Certification Option are "Yes," the certification option cannot be used.</i>	
<i>*If notice is applicable and comments are received in response to the public notice, the application does not qualify for the renewal certification option.</i>	

Form PI-1S
Registrations for Air Standard Permit
(Page8)
Texas Commission on Environmental Quality

VI. Technical Information Including State and Federal Regulatory Requirements

Place a check next to the appropriate box to indicate what you have included in your submittal.

Note: Any technical or essential information needed to confirm that facilities are meeting the requirements of the standard permit must be provided. Not providing key information could result in an automatic deficiency and voiding of the project.

A. Standard Permit requirements
(Checklists are optional; however, your review will go faster if you provide applicable checklists.)

Did you demonstrate that the general requirements in 30 TAC §§116.610 and 116.615 are met?

☒ Yes ☐ No

Did you demonstrate that the individual requirements of the specific standard permit are met?

☒ Yes ☐ No

B. Confidential Information (All pages properly marked "CONFIDENTIAL").

☐ Yes ☒ No

C. Process Flow Diagram.

☒ Yes ☐ No

D. Process Description.

☒ Yes ☐ No

E. Maximum Emissions Data and Calculations.

☒ Yes ☐ No

F. Plot Plan.

☒ Yes ☐ No

G. Projected Start of Construction Date, Start of Operation Date, and Length of Time at Site:

☒ Yes ☐ No

Projected Start of Construction (provide date): December 1, 2025

Projected Start of Operation (provide date): December 5, 2025

Length of Time at the Site: 3 Years

Form PI-1S
Registrations for Air Standard Permit
(Page 9)
Texas Commission on Environmental Quality

VII. Delinquent Fees and Penalties

This form **will not be processed** until all delinquent fees and/or penalties owed to TCEQ or the Office of the Attorney General on behalf of TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at:
www.tceq.texas.gov/agency/financial/fees/delin/index.html

VIII. Signature Requirements

The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7; the Texas Health and Safety Code (THSC), Chapter 382, the Texas Clean Air Act (TCAA) the air quality rules of the Texas Commission on Environmental Quality; or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I understand my signature indicates that this application meets all applicable nonattainment, prevention of significant deterioration, or major source of hazardous air pollutant permitting requirements. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties.

Name (printed): Landon Ford

Signature (original signature required): *LF*

IX. Copies of the Registration

The Form PI-1S application must be submitted through ePermits. No additional copies need to be sent to the Regional Office or local Air Pollution Control Program(s). The link to ePermits can be found here:
www3.tceq.texas.gov/steers/.

Print Form

Reset Form

Kimberly Cunningham

From: Kimberly Cunningham
Sent: Monday, September 29, 2025 1:49 PM
To: LANDFORD@LIVE.COM
Subject: Additional Info for 181677_398630

Mr. Ford,

I received your application for the above referenced facility, and it is currently under review. These item(s) must be completed and returned **within 2 business days** before I can declare the application administratively complete:

The Copy of Record shows the Regulated Entity Name as being the same as the Legal Name. However, the PI-1S form shows a different Legal Name. These two companies have different Customer Numbers.

- Determine which Legal Name to use
- Latitude and Longitude

Copy of Record

Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	kramer family texas two
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	12906 Zavalla Road
City	Missouri City
State	TX
ZIP	77489
County	FORT BEND
Latitude (N) (##.#####)	
Longitude (W) (-###.#####)	
Facility NAICS Code	
What is the primary business of this entity?	
Customer (Applicant) Information	
How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Kramer Family Texas 2 LLC

PI-1S Form

I. Registrant Information
A. Company or Other Legal Customer Name:
Friends Cremation LLC

Your prompt assistance is appreciated.

Kimberly Cunningham
 License & Permit Specialist
 Air Permits Division, TCEQ
 512-239-1114
Kimberly.Cunningham@tceq.texas.gov



Texas Commission on Environmental Quality
Air Quality Standard Permits
General Requirements Checklist
Title 30 Texas Administrative Code §§116.610-116.615

Check the most appropriate answer and include any additional information in the spaces provided. If additional space is needed, please include an extra page and reference the rule number. The SP forms, tables, checklists, and guidance documents are available from the TCEQ, Air Permits Division web site at:

www.tceq.texas.gov/permitting/air/nav/standard.html.

Most Standard Permits require registration with the commission's Office of Permitting, Remediation, and Registration in Austin. The facilities and/or changes to facilities can be registered by completing a [Form PI-1S](#), "Registration for Air Standard Permit." This checklist should accompany the registration form to expedite any registration review.

CHECK THE MOST APPROPRIATE ANSWERS AND FILL IN THE REQUESTED INFORMATION		
Rule	Questions/Description	Response
116.610(a)(1)	Are there net emissions increases associated with this registration?	☒ YES ☐ NO
	<i>If "YES," will net emission increases of air contaminants from the project, other than those for which a National Ambient Air Quality Standard (NAAQS) has been established, meet the emission limits of § 106.261 or § 106.262?</i>	☒ YES ☐ NO
	<i>If "NO," does the specific standard permit exempt emissions from this limit?</i>	☐ YES ☐ NO
Attach emissions summary and calculations:		
116.610(a)(3)	Do any of the Title 40 Code of Federal Regulations Part (CFR) 60, New Source Performance Standards apply to this registration?	☐ YES ☒ NO
<i>If "YES," list subparts:</i>		
116.610 (a)(4)	Do any Hazardous Air Pollutant requirements apply to this registration?	☐ YES ☐ NO
<i>If "YES," list subparts</i>		
116.610 (a)(5)	Do any maximum achievable control technology (MACT) standards as listed under 40 CFR Part 63 or Chapter 113, Subchapter <u>C</u> (National Emissions Standard for Hazardous Air for Source Categories) apply to this registration?	☐ YES ☐ NO
<i>If "YES," list subparts:</i>		
116.610(a)(6)	Will additional emission allowances under Chapter 101, Subchapter H, Division 3, Emissions Banking and Trading, need to be obtained following this registration?	☐ YES ☐ NO
116.611(a)(1-6)	Is the following documentation included with this registration:	☐ YES ☐ NO
	Emissions calculations including the basis of the calculations?	☐ YES ☐ NO
	Quantification of all emission increases and/or decreases associated with this project?	☐ YES ☐ NO
	Sufficient information demonstrating that this project does not trigger PSD or NNSR review?	☐ YES ☐ NO
	Description of efforts to minimize collateral emissions increases associated with this project?	☐ YES ☐ NO
	Process descriptions including related processes?	☐ YES ☐ NO
	Description of any equipment being installed?	☐ YES ☐ NO

Texas Commission on Environmental Quality
Air Quality Standard Permits
General Requirements Checklist
Title 30 Texas Administrative Code §§116.610-116.615

Rule	Question/Description	Response
116.614	Are the required fee and a copy of the check or money order provided with the application?	☒ YES ☐ NO
116.615(1)	Will emissions from the facility comply with all applicable rules and regulations of the commission adopted under Texas Health and Safety Code, Chapter 382, and with the intent of the Texas Clean Air Act?	☒ YES ☐ NO
116.615(2)	Do you understand that all representations with regard to construction plans, operating procedures, and maximum emission rates in this registration become conditions upon which the facility will be constructed and operated?	☒ YES ☐ NO
116.615(3)	Do you understand that all changes authorized by this registration need to be incorporated into the facility's permit if the facility is currently permitted under §116.110 (relating to Applicability)?	☒ YES ☐ NO
<i>List all related permit numbers:</i>		
116.615(9)617(e)(1)	Will all air pollution emission capture and abatement equipment be maintained in good working order?	☒ YES ☐ NO
116.615(10)	Will the facility comply with all applicable rules and regulations of the TCEQ, the Texas Health and Safety Code, Chapter 382, and the Texas Clean Air Act?	☒ YES ☐ NO

Save Form

Reset Form



Evans Funeral Home
Evans Funeral Home
25-Mar-21

Facility Name
Your Name
Date

HUMAN (number)	Animal (lbs)
2	
12	
3000	

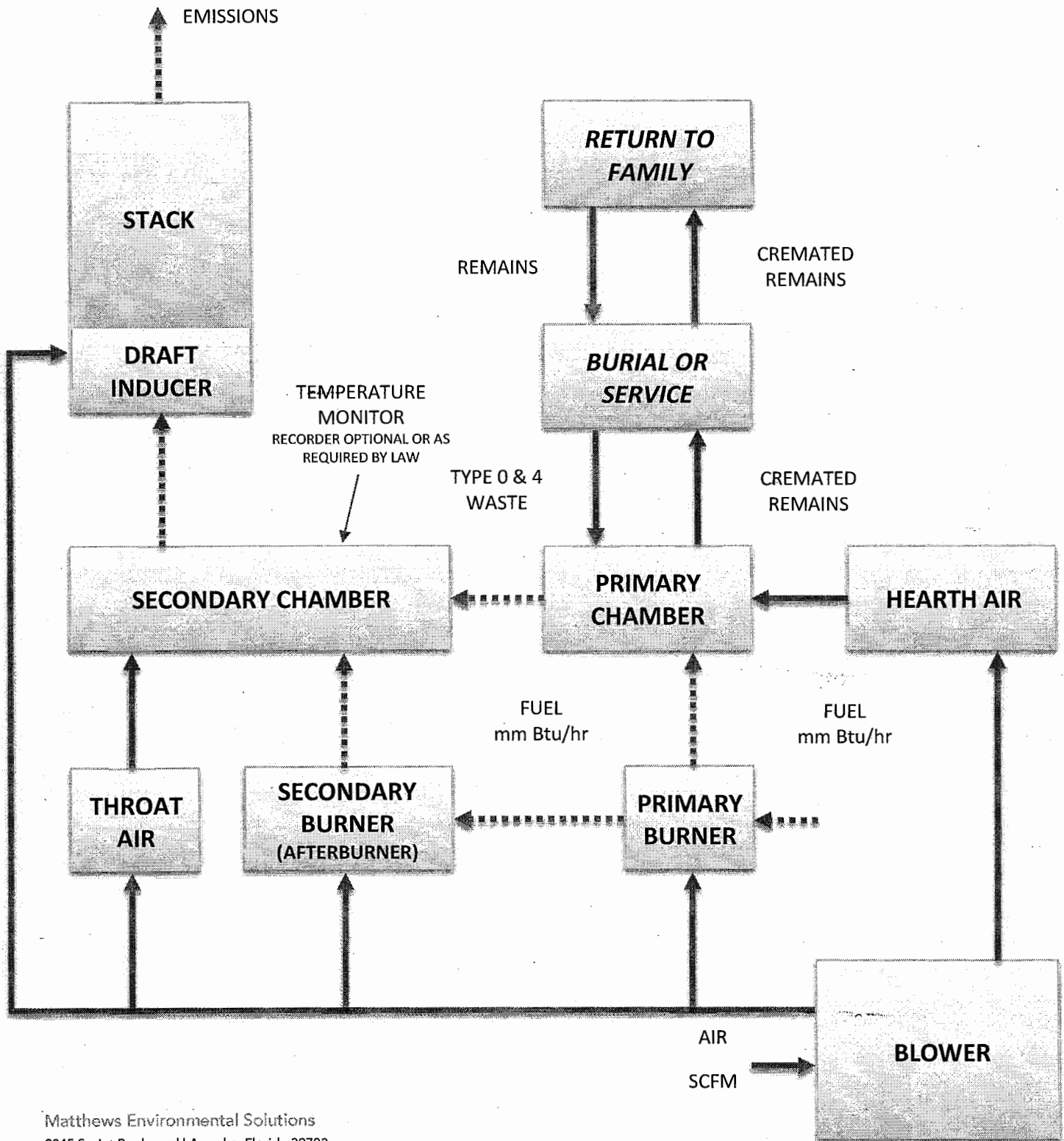
Equivalent
2.0
12.0
3000.0

Cremations per Hour
Cremations per 8-hour
Cremations per year

17.11
Toxytool 2015

Screen3 maximum concentration (1 lb/hr emission rate)

CAS	POLLUTANT	Emission Factor (Pounds)	Emission Factor (as number)	Emission Factor (Pounds)	MDE Level 1-HOUR (ug/m3)	MDE Level 8-HOUR (ug/m3)	MDE Level Annual (ug/m3)	Screen3 Concentration 1-hour (ug/m3)	Screen3 Concentration 8-hour (ug/m3)	Screen3 Concentration Annual (ug/m3)	Screen3 Concentration as % of MDE Level 1-hour	Screen3 Concentration as % of MDE Level 8-hour	Screen3 Concentration as % of MDE Level Annual
83329	Acenaphthene	1.11E-07	1.11E-07	1.11E-07	2.03E+01	2.03E+01	8.00E-02	3.80E-06	1.99E-06	5.20E-08	0.00	0.00	0.00
208968	Acenaphthylene	1.22E-07	1.22E-07	1.22E-07	2.46E+01	2.46E+01	4.17E-06	4.17E-06	2.19E-06	5.72E-08	0.00	0.00	0.00
120127	Anthracene	3.24E-07	3.24E-07	3.24E-07	2.00E+01	2.00E+01	1.11E-05	1.11E-05	5.82E-06	1.52E-07	0.00	0.00	0.00
7440360	Antimony	< 3.020E-5	3.02E-05	3.02E-05	5.00E+00	5.00E+00	1.03E-03	1.03E-03	5.43E-04	1.42E-05	0.01	0.01	0.01
7440382	Arsenic	< 3.000E-5	3.00E-05	3.00E-05	1.00E-01	1.00E-01	2.00E-04	1.03E-03	5.39E-04	1.41E-05	0.54	0.54	7.03
7440393	Barium	2.40E-05	2.40E-05	2.40E-05	5.00E+00	5.00E+00	8.21E-04	8.21E-04	4.31E-04	1.13E-05	0.01	0.01	0.01
55553	Benzo (a) anthracene	< 9.760E-9	9.76E-09	9.76E-09	7.76E-09	7.76E-09	3.34E-07	3.34E-07	1.75E-07	4.58E-09	0.00	0.00	0.00
50328	Benzo (a) pyrene	< 2.910E-8	2.91E-08	2.91E-08	2.91E-08	2.91E-08	9.96E-07	9.96E-07	5.23E-07	1.36E-08	0.00	0.00	0.00
205992	Benzo (b) fluoranthene	< 1.590E-8	1.59E-08	1.59E-08	2.00E+01	2.00E+01	5.44E-07	5.44E-07	2.86E-07	7.45E-09	0.00	0.00	0.00
191242	Benzo (g,h,i) perylene	< 2.910E-8	2.91E-08	2.91E-08	2.91E-08	2.91E-08	9.96E-07	9.96E-07	5.23E-07	1.36E-08	0.00	0.00	0.00
207089	Benzo (k) fluoranthene	< 1.420E-8	1.42E-08	1.42E-08	2.00E+01	2.00E+01	5.44E-07	5.44E-07	2.86E-07	7.45E-09	0.00	0.00	0.00
7440417	Beryllium	1.37E-06	1.37E-06	1.37E-06	5.00E-04	5.00E-04	4.00E-04	4.69E-05	2.48E-05	6.42E-07	4.92	4.92	0.16
7440439	Cadmium	1.11E-05	1.11E-05	1.11E-05	2.00E-02	2.00E-02	6.00E-04	3.80E-04	1.99E-04	5.20E-06	1.00	1.00	0.87
7440473	Chromium	2.99E-05	2.99E-05	2.99E-05	5.00E+00	5.00E+00	1.00E-01	1.02E-03	5.37E-04	1.40E-05	0.01	0.01	0.01
18540299	Chromium (VI)	1.35E-05	1.35E-05	1.35E-05	1.00E-01	1.00E-01	8.00E-05	4.62E-04	2.43E-04	6.33E-06	0.24	0.24	7.91
218019	Chrysene	< 5.400E-8	5.40E-08	5.40E-08	2.00E-01	2.00E-01	1.85E-06	1.85E-06	9.70E-07	2.53E-08	0.02	0.02	0.02
7440484	Cobalt	< 1.750E-6	1.75E-06	1.75E-06	2.00E+00	2.00E+00	5.99E-05	5.99E-05	3.14E-05	8.20E-07	0.02	0.02	0.02
7440508	Copper	2.74E-05	2.74E-05	2.74E-05	2.00E+00	2.00E+00	9.38E-04	9.38E-04	4.92E-04	1.28E-05	0.02	0.02	0.02
53703	Dibenzo(a,h) anthracene	< 1.270E-8	1.27E-08	1.27E-08	8.20E+01	8.20E+01	4.35E-07	4.35E-07	2.28E-07	5.95E-09	0.00	0.00	0.00
206440	Fluoranthene	2.05E-07	2.05E-07	2.05E-07	2.00E+01	2.00E+01	7.02E-06	7.02E-06	3.68E-06	9.61E-08	0.00	0.00	0.00
86737	Fluorene	4.17E-07	4.17E-07	4.17E-07	2.00E+01	2.00E+01	1.43E-05	1.43E-05	7.49E-06	1.95E-07	0.00	0.00	0.00
7647010	Hydrogen chloride	7.20E-02	7.20E-02	7.20E-02	2.98E+01	2.98E+01	7.00E-01	2.48E+00	1.29E+00	3.38E-02	8.26	8.26	4.82
7664393	Hydrogen fluoride	6.55E-04	6.55E-04	6.55E-04	1.64E+01	1.64E+01	4.09E+00	2.24E-02	1.18E-02	3.07E-04	0.14	0.14	0.29
193395	Indeno(1,2,3-cd)pyrene	< 1.540E-8	1.54E-08	1.54E-08	5.00E-01	5.00E-01	5.00E-01	5.27E-07	2.77E-07	7.22E-09	0.24	0.24	0.24
7439921	Lead	6.62E-05	6.62E-05	6.62E-05	3.00E-01	3.00E-01	1.00E-01	2.27E-03	1.19E-03	3.10E-05	59.11	59.11	59.11
7439976	Mercury	3.29E-03	3.29E-03	3.29E-03	5.00E+00	5.00E+00	1.00E-01	1.13E-01	5.91E-02	1.54E-03	0.01	0.01	0.01
7439987	Molybdenum	< 1.670E-5	1.67E-05	1.67E-05	1.00E+00	1.00E+00	1.00E-01	5.71E-04	3.00E-04	7.83E-06	0.07	0.07	0.07
7440020	Nickel	3.82E-05	3.82E-05	3.82E-05	9.80E+00	9.80E+00	2.00E+01	1.31E-03	6.86E-04	1.79E-05	0.00	0.00	0.00
85018	Phenanthrene	2.29E-06	2.29E-06	2.29E-06	2.00E+01	2.00E+01	7.30E-06	7.84E-05	4.11E-05	1.07E-06	0.00	0.00	0.00
129000	Pyrene	1.62E-07	1.62E-07	1.62E-07	2.00E+01	2.00E+01	5.54E-06	5.54E-06	2.91E-06	7.59E-08	0.00	0.00	0.00
7782492	Selenium	< 4.360E-5	4.36E-05	4.36E-05	2.00E+00	2.00E+00	1.49E-03	1.49E-03	7.83E-04	2.04E-05	0.04	0.04	0.04
7440224	Silver	7.30E-06	7.30E-06	7.30E-06	1.00E-01	1.00E-01	2.50E-04	2.50E-04	1.31E-04	3.42E-06	0.13	0.13	0.13
7440280	Thallium	< 8.520E-5	8.52E-05	8.52E-05	2.00E-01	2.00E-01	2.92E-03	2.92E-03	1.53E-03	3.99E-05	0.77	0.77	0.77
7440622	Vanadium	5.79E-05	5.79E-05	5.79E-05	5.00E-01	5.00E-01	1.98E-03	1.98E-03	1.04E-03	2.71E-05	0.21	0.21	0.21
7440666	Zinc	3.53E-04	3.53E-04	3.53E-04	1.00E+03	1.00E+03	5.00E+02	1.21E-02	6.34E-03	1.65E-04	0.00	0.00	0.00
	PM, filterable	8.50E-02	8.50E-02	8.50E-02	8.50E-02	8.50E-02	2.91E+00	2.91E+00	1.53E+00	3.98E-02	0.00	0.00	0.00
	Polycyclic aromatic hydrocarbons (PAH)	3.76E-06	3.76E-06	3.76E-06	1.29E-04	1.29E-04	6.76E-05	1.29E-04	6.76E-05	1.76E-06	0.00	0.00	0.00
1746016	Total Dioxins & Furans - TEQ balanced	1.41E-09	1.41E-09	1.41E-09	8.20E-04	8.20E-04	3.00E-08	4.81E-08	2.53E-08	6.60E-10	0.00	0.00	2.20



Matthews Environmental Solutions
2045 Sprint Boulevard | Apopka, Florida 32703
O: 407-886-5533 | F: 407-886-5990 | www.matthewsenvironmentalsolutions.com

SPECIFICATIONS- Model Power-Pak II Plus

1. Equipment Type..... Model Power-Pak II Plus
 - A. Model No. IE43-PPII Plus
 - B. Underwriters Laboratories Listing and File No. .. 87E8; MH14647
2. Dimensions
 - A. Footprint 12' – 9 ½" x 5' - 9" (3.9 m x 1.8 m)
 - B. Maximum Length..... 14' – 10 ½" (4.53 m)
 - C. Maximum Width 6' -10" (2.08 m)
 - D. Maximum Height..... 9' (2.74 m)
 - E. Chamber Loading Opening 30 ¾" H x 43 ½" W (781 mm x 1105 mm)
3. Weight 28,000 lbs. (12,700 kg)
4. Utility/Air Requirements
 - A. Gross Gas Input, Natural or LP Gas..... 3,000,000 BTU/hr. (3,165,168 kJ/h)
 - Running Gas Pressure, LP or Natural Gas 11 inches (279.4 mm) water column or greater
 - B. Electrical Supply..... 230 volt, 3Ø or 1Ø, 50/60 hz (others available)
 - C. Air Supply..... 2,500 cfm (70.8 standard m³/min)
5. Incineration Capacity 175 lbs./hr. (79 kg/h)
6. Typical Loading Capacity of Waste Types..... 750 lbs. (340.2 kg)
7. Construction and Safety Standards..... Incineration Institute of America, Underwriters Laboratories, Canadian Standards Association
8. Steel Structure Construction
 - A. Frame 2" (51 mm) square tubing
 - B. Front/Rear Plates..... 3/8" (9.5 mm) plate
 - C. Floor Plates..... 3/16" (5 mm) plate
 - D. Outer Side Casing..... 12 gauge (3 mm) plate
 - E. Inner Side Casing..... 12 gauge (3 mm) plate
9. Stack Construction
 - A. Inner Wall..... 4 1/2" (110 mm) insulating firebrick or castable
 - B. Outer Wall..... 12 gauge (3 mm) sheet, Stainless Steel, welded seams (unlined stack available)
10. Draft Nozzle Construction Schedule 40 Stainless Steel pipe with welded connections
11. Main Chamber Door Construction
 - A. Steel Shell..... 3/16" (5 mm) steel, welded with reinforcement
 - B. Outer Refractory..... 1" (25 mm) insulating block
 - C. Inner Refractory 4½" (110 mm) insulating firebrick

SPECIFICATIONS- Model Power-Pak II Plus

12. Primary Chamber Wall Construction
 - A. Outer Casing Wall..... 12 gauge (3 mm) sheet
 - B. Inner Frame/Air Compartment..... 2" (51 mm) air compartment
 - C. Inner Casing Wall..... 12 gauge (3 mm) sheet
 - D. Outer Refractory Wall..... 5" (127 mm) insulating block
 - E. Inner Refractory Wall 4½" (114 mm) firebrick

13. Secondary Chamber Wall Construction
 - A. Outer Casing Wall..... 12 gauge (3 mm) sheet
 - B. Inner Frame/Air Compartment..... 2" (51 mm) air compartment
 - C. Inner Casing Wall..... 12 gauge (3 mm) sheet
 - D. Outer Refractory Wall..... 6" (152 mm) insulating block
 - E. Inner Refractory Wall 4½" (114 mm) firebrick

14. Refractory Temperature Ratings
 - A. Standard Firebrick..... 3,100° F. (1704° C)
 - B. Insulating Firebrick..... 2,600° F. (1427° C)
 - C. Castable Refractory (Hearth)..... 2,550° F. (1399° C)
 - D. Castable Refractory 3,100° F. (1704° C)
 - E. Insulating Block..... 1,900° F. (1038° C)
 - F. Bonding Mortar 3,200° F. (1760° C)

15. Chamber Volumes (not including external flues, stacks or chimneys)
 - A. Primary Chamber 70 cubic feet (2.12 m³)
 - B. Secondary Chamber 96 cubic feet (2.72 m³)

16. Emission Control Features
 - A. Secondary Chamber with Afterburner Included
 - B. Opacity Monitor and Controller with Visual and Audible Alarms..... Included
 - C. Auxiliary Air Control System..... Included
 - D. Microprocessor Temperature Control System Included

17. Operating Temperatures
 - A. Primary Chamber..... 32° F. - 1,800° F. (0° C - 982° C)
 - B. Secondary Chamber 1,400° F. - 1,800° F. (760° C - 982° C)
(as required by Env. agency)

18. Secondary Chamber Retention Time > 1 second

19. Ash Removal Door functions as a heat shield. Sweep out beneath front door into hopper that fills collection pan.

SPECIFICATIONS- Model Power-Pak II Plus

20. Safety Interlocks
- | | |
|---|---|
| A. High Gas Pressure..... | Optional |
| B. Low Gas Pressure..... | Optional |
| C. Blower Air Pressure | Included |
| D. Door Position | Included |
| E. Opacity..... | Included |
| F. Motor Starter Function..... | Included |
| G. Chamber Temperature | Included |
| H. Motor Overload | Included |
| I. Flame Quality | Included |
| J. Burner Safe Start | Included |
| K. Cremation Burner/Door Interlock..... | Available upon Env. Agency requirements |
21. Burner Description The nozzle mix burners used on this cremation equipment are industrial quality and designed for incinerator use.
22. Ultraviolet Flame Detection Ultraviolet flame detection has proven to be the most reliable means of flame safety. The system is completely sealed in a quartz capsule to eliminate problems, caused by moisture and dust created in the cremation process, which effect flame rod detectors.
23. Operating Panel indicators
- | | |
|--|----------|
| A. Safe Run..... | Included |
| B. Door Closed | Included |
| C. Pollution Alarm | Included |
| D. Afterburner On (Secondary Burner)..... | Included |
| E. Cremation Burner On | Included |
| F. Low Fire Cremation Burner On..... | Included |
| G. Afterburner (Secondary Burner) Reset..... | Included |
| H. Cremation Burner Reset..... | Included |
| I. Hearth Air..... | Included |
| J. Throat Air Off | Included |

SPECIFICATIONS- Model Power-Pak II Plus**24. Automatic Timer Functions**

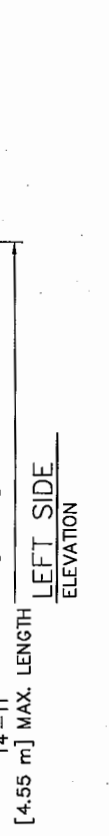
A. Master Cycle	Included
B. Afterburner (Secondary Burner)	Included
C. Cremation Burner	Included
D. Low Fire Cremation Burner	Included
E. Hearth Air	Included
F. Throat Air	Included
G. Pollution Monitoring	Included
H. Afterburner (Secondary Burner) Prepurge	Included
I. Cremation Burner Prepurge	Included
J. Cool Down	Included

25. Exterior Finish

A. Primer	2 coats rust inhibiting
B. Finish	2 coats textured finish

26. Start-Up and Training..... Startup of cremation equipment and training of operators to properly operate and maintain the equipment is performed on-site under actual operating conditions. Included is a comprehensive owner's manual, with details on the equipment, its components and proper operation.

27. Environmental Submittals Complete technical portion of state environmental permits. Engineering calculations, technical data, existing stack test results and equipment blueprints provided.



NOTES:

- 1) CONTROL CABINET CAN BE MOUNTED ON THE LEFT OR RIGHT SIDE, OR REMOTELY
- 2) MAIN ELECTRICAL CONNECTION LOCATED IN CONTROL CABINET
- 3) CHAMBER WIDTH IS 43" [1.09m]
- 4) STACK CAN BE LOCATED ON THE BACK LEFT OR BACK RIGHT OF UNIT

Mathews ENVIRONMENTAL SOLUTIONS 2045 Sprint Boulevard Apopka, Florida 32703 USA	POWER-PAK II PLUS	DRAWN BY: JG	DATE: 02.26.2015	REVISION: 1	07.21.2017	REMOVE MAIN ELEC FROM TOP OF UNIT	
	PLAN & ELEVATIONS INCL: CLEARANCES, REQUIREMENTS & RECOMMENDATIONS	APPROVED BY: -	DATE: -	2	09.20.2017	CHANGED MIN. FRONT CLEAR. TO 10'	
		SCALE: 1/4" = 1'-0"	SHEET: OF:				
		DWG FILE:					
		DWG NUMBER:	\$(GETVAR,??)				

THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF MATTHEWS ENVIRONMENTAL SOLUTIONS. UNLESS OTHERWISE SPECIFIED IN WRITING, MATTHEWS ENVIRONMENTAL SOLUTIONS IS THE OWNER OF THIS DRAWING AND THE INFORMATION CONTAINED HEREIN. THIS DRAWING AND THE INFORMATION CONTAINED HEREIN IS ISSUED FOR ILLUSTRATIVE PURPOSES ONLY AND IS NOT TO BE USED FOR ANY PURPOSE, REPRODUCED OR DISCLOSED TO THIRD PARTIES WITHOUT THE EXPRESS WRITTEN CONSENT OF MATTHEWS ENVIRONMENTAL SOLUTIONS. ANY USE OF THIS DRAWING WILL BE AT THE RISK AND SOLE RESPONSIBILITY OF THE USER.

CREMATOR CLEARANCES

	RECOMMENDED	MINIMUM
TOP:	2 FEET [610 mm]	6 INCHES [152 mm]
CABINET SIDE:	4 FEET [1,220 mm]	4 FEET [1,220 mm]
OTHER SIDE:	2 FEET [610 mm]	6 INCHES [152 mm]
FRONT:	10+ FEET [3,05+ m]	10 FEET [3,05 m]
REAR:	4 FEET [1,220 mm]	32 INCHES [812 mm]
STACK:	6 INCHES [152 mm]	6 INCHES [152 mm]

- FOR CLEARANCES OTHER THAN THOSE SHOWN, OR FOR SPECIAL REQUIREMENTS, CONSULT YOUR MES REP.
- FROM HIGHEST POINT ON UNIT.
- CONTROL CABINET MOUNTS ON UNIT'S LEFT OR RIGHT SIDES, OR REMOTELY. (SEE PLAN VIEW, SHEET 1).
- REAR OF UNIT REFERS TO THE "BACK PLATE", RATHER THAN THE BACK OF THE "WHISPER SHIELD". (SEE PLAN VIEW, SHEET 1).

CREMATOR REQUIREMENTS

FUEL: A PRESSURE REGULATOR ADJUSTABLE TO 11" [279 mm] W.C. FOR NATURAL GAS AND LP GAS.

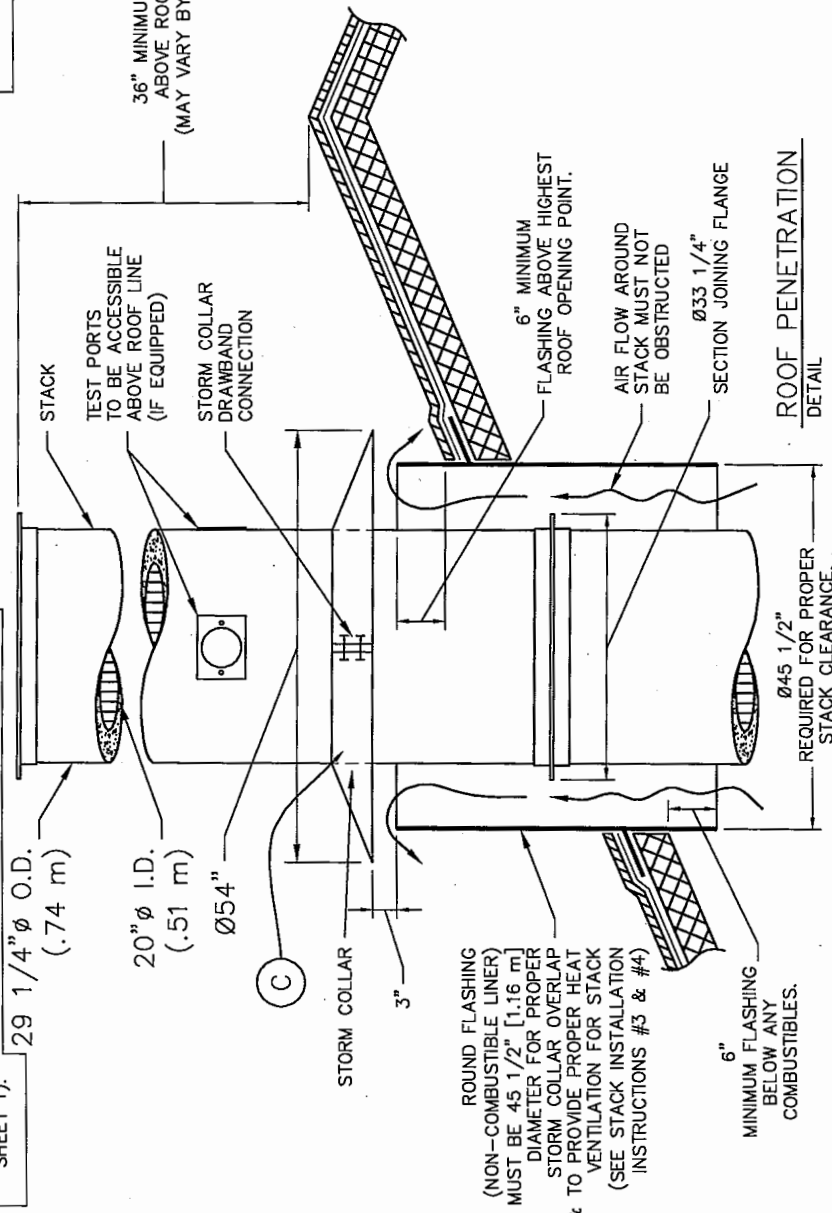
CAPACITY: 3.0 MILLION BTU/HR [3.1 MILLION KILOJOULES/HR].

ELECTRICAL: 230 VOLT, 3 ϕ , (40A BREAKER) AND 115v (10A BREAKER), OR 230 VOLT, 1 ϕ , (70A BREAKER) AND 115v (10A BREAKER) 50/60 HERTZ

AIR: LOUVER NEAR THE REAR OF THE UNIT CAPABLE OF PASSING 2,500 CU FT/MIN [70.8 CU M/MIN] OF FREE AIR (36" X 36") [914 mm X 914 mm].

STACK INSTALLATION INSTRUCTIONS

- APPLY A 1/2" THICK MORTAR JOINT TO EXPOSED REFRACTORY SURFACE IN STACK RING. LOWER THE BASE STACK SECTION (B) ONTO STACK RING (A) AND FASTEN WITH HARDWARE PROVIDED (NO MORE THAN (2) STACK SECTIONS SHALL BE LIFTED TOGETHER). REPEAT PROCESS FOR REMAINING STACK SECTIONS. IF SECTIONS OF VARYING LENGTHS ARE SUPPLIED, ASSEMBLE AS TO AVOID FLANGES & LIFTING EYES INTERFERING WITH RAIN COLLAR LOCATION.
- INSTALL STORM COLLAR ON STACK, 3" [76 mm] ABOVE NON-COMBUSTIBLE LINER (FLASHING), ALLOWING FOR PROPER VENTILATION (SEE DETAIL).
- APPLY A 1/4" [6 mm] BEAD OF HIGH-TEMPERATURE SILICON SEALANT (PROVIDED BY MES) TO THE JOINT BETWEEN THE STORM COLLAR (C) AND THE STACK (B).
- STORM COLLAR IS FURNISHED BY MES. THE NON-COMBUSTIBLE LINER (FLASHING) TO BE PROVIDED BY THE OTHERS.
- IF FIFTY PERCENT OF THE STACK LENGTH IS ABOVE THE ROOF, GUY WIRES MAY BE REQUIRED. CONSULT WITH YOUR MES REP.
- RAIN CAP NOT REQUIRED.



36" MINIMUM STACK ABOVE ROOF PEAK (MAY VARY BY LOCATION).

(2) LIFTING EYES PER STACK SECTION

SEE #1. ABOVE.

FASTEN FLANGES TOGETHER WITH HARDWARE PROVIDED.

STACK INSTALLATION DETAIL

STACK BASE SECTION HAS VENTURI NOZZLE PORT WHICH MUST FACE REAR OF UNIT

FASTEN FLANGES TOGETHER WITH HARDWARE PROVIDED.

STACK RING ATTACHED TO UNIT

Mathews ENVIRONMENTAL SOLUTIONS 2045 Sprint Boulevard Apopka, Florida 32703 USA	POWER-PAK II PLUS			
	STACK DETAILS, CLEARANCES & INSTALLATION INSTRUCTIONS.			
	REFRACTORY STACK DETAIL			
	DWG FILE:	DWG NUMBER:	\$ (GETVAR, ??)	
DRAWN BY:	JG	DATE:	03.14.2014	REVISION:
APPROVED BY:	-	DATE:	-	1
SCALE:	1/2" = 1'-0"	SHEET:	OF:	CHANGED MIN. FRONT CLEAR. TO 10'

THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF MATTHEWS ENVIRONMENTAL SOLUTIONS. UNLESS OTHERWISE SPECIFIED IN WRITING, MATTHEWS ENVIRONMENTAL SOLUTIONS IS THE OWNER OF THIS DRAWING AND THE INFORMATION CONTAINED HEREIN. THIS DRAWING AND THE INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPRIETARY AND MAY NOT BE REPRODUCED OR DISCLOSED TO THIRD PARTIES WITHOUT THE EXPRESS WRITTEN CONSENT OF MATTHEWS ENVIRONMENTAL SOLUTIONS. IT IS ISSUED FOR ILLUSTRATIVE PURPOSES ONLY AND IS NOT TO BE USED FOR ANY PURPOSE, INCLUDING, BUT NOT LIMITED TO, AS A CONSTRUCTION DRAWING OR FOR A REQUEST FOR BID TO A THIRD PARTY. THIS DRAWING IS PROVIDED WITHOUT ANY WARRANTY EXPRESSED OR IMPLIED. ANY USE OF THIS DRAWING WILL BE AT THE RISK AND SOLE RESPONSIBILITY OF THE USER.

Calculation Of Emissions

Estimated Emission Calculation

Matthews Environmental Solutions
(previously Matthews Cremation Division)
Crematory Incinerator Model IE43-PPII Plus

Total Incinerator Burn Capacity 175 lb/hr of remains (type 4) and associated containers (type 0)
Flue gas flow rate = 1175 dscfm 12 Hours/Day X 6 Days/Week X 52 Weeks/Year
(100 % Excess Air) = 3744 Hours/Year

Total Emission Rate = Incinerator Burn Rate X Emission Factor

Sulfur Dioxide (SO₂)

$$\begin{array}{lcl} \frac{175 \text{ lb/hr X } 2.17 \text{ lb/ton X } 1 \text{ ton}}{2000 \text{ lbs}} & = & 0.190 \text{ lb/hr} \\ & = & 0.355446 \text{ TPY} \\ \frac{0.189875 \text{ lb/hr X } 4.54\text{E}+05 \text{ mg/lb X } 1 \text{ ppmv}}{1175 \text{ dscfm X } 60 \text{ min/hr X } 0.0283 \text{ m}^3/\text{F}^3 \text{ X } 2.61 \text{ mg/m}^3} & = & 16.55 \text{ ppmv} \end{array}$$

Nitrogen Oxide (NO_x - as Nitrogen Dioxide)

$$\begin{array}{lcl} \frac{175 \text{ lb/hr X } 3.56 \text{ lb/ton X } 1 \text{ ton}}{2000 \text{ lbs}} & = & 0.3115 \text{ lb/hr} \\ & = & 0.583128 \text{ TPY} \\ \frac{0.3115 \text{ lb/hr X } 4.54\text{E}+05 \text{ mg/lb X } 1 \text{ ppmv}}{1175 \text{ dscfm X } 60 \text{ min/hr X } 0.028 \text{ m}^3/\text{F}^3 \text{ X } 1.88 \text{ mg/m}^3} & = & 38.11 \text{ ppmv} \end{array}$$

Particulates (PM & PM₁₀)

$$\begin{array}{lcl} \frac{175 \text{ lb/hr X } 4.67 \text{ lb/ton X } 1 \text{ ton}}{2000 \text{ lbs}} & = & 0.408625 \text{ lb/hr} \\ & = & 0.764946 \text{ TPY} \\ \frac{0.408625 \text{ lb/hr X } 7.00\text{E}+03 \text{ gr/lb X }}{1175 \text{ dscfm X } 60 \text{ min/hr}} & = & 0.04 \text{ gr/dscf} \end{array}$$

Carbon Monoxide (CO)

$$\begin{array}{lcl} \frac{175 \text{ lb/hr X } 2.95 \text{ lb/ton X } 1 \text{ ton}}{2000 \text{ lbs}} & = & 0.258125 \text{ lb/hr} \\ & = & 0.48321 \text{ TPY} \\ \frac{0.258125 \text{ lb/hr X } 4.54\text{E}+05 \text{ mg/lb X } 1 \text{ ppmv}}{1175 \text{ dscfm X } 60 \text{ min/hr X } 0.028 \text{ m}^3/\text{F}^3 \text{ X } 1.14 \text{ mg/m}^3} & = & 52.08 \text{ ppmv} \end{array}$$

Hydrocarbons (TOC/VOC - methane)

$$\begin{array}{lcl} \frac{175 \text{ lb/hr X } 2.99\text{E}-01 \text{ lb/ton X } 1 \text{ ton}}{2000 \text{ lbs}} & = & 0.026163 \text{ lb/hr} \\ & = & 0.048976 \text{ TPY} \\ \frac{0.0261625 \text{ lb/hr X } 4.54\text{E}+05 \text{ mg/lb X } 1 \text{ ppmv}}{1175 \text{ dscfm X } 60 \text{ min/hr X } 0.0283 \text{ m}^3/\text{F}^3 \text{ X } 0.65 \text{ mg/m}^3} & = & 9.16 \text{ ppmv} \end{array}$$

Notes:

1. Incinerator Emissions based on EPA emissions from Table 2.3-1 and 2.3-2 of AP-42 (5th Edition)
2. All conversion factors from AP-42 Appendix A.

CREMATOR MASS BALANCE
Matthews Environmental Solutions
PPII Plus

THESE CALCULATIONS HAVE BEEN PREPARED TO EVALUATE THE COMBUSTION PROCESS IN THIS UNIT.

THE INCINERATOR INSTITUTE OF AMERICA HAS PUBLISHED THE FOLLOWING SPECIFICATIONS COVERING AVERAGE WASTES.

WASTE TYPE	TYPE 0	TYPE 4
BTU PER POUND	8500	1000
POUND ASH PER POUND WASTE	0.05	0.05
POUND MOISTURE PER POUND WASTE	0.1	0.85
POUND COMBUSTIBLES PER POUND WASTE	0.85	0.1
HOURLY CONSUMPTION OF WASTE (LBS)	10	165

1. MASS OF PRODUCTS OF COMBUSTION FROM CONTAINER

A. COMBUSTION AIR

$$\frac{8500 \text{ BTU/LB}}{100 \text{ BTU/CF OF AIR}^*} \times 0.075 \text{ LB/CF OF AIR} = 6.38 \text{ LB/LB BURNED}$$

B. COMBUSTIBLES AND WATER VAPOR

$$\text{FROM CHART ABOVE} = 0.95 \text{ LB/LB BURNED}$$

C. TOTAL FLUE PRODUCT MASS PER LB BURNED

$$= 7.33 \text{ LB/LB BURNED}$$

2. MASS OF PRODUCTS OF COMBUSTION FROM BODY

A. COMBUSTION AIR

$$\frac{1000 \text{ BTU/LB}}{100 \text{ BTU/CF OF AIR}^*} \times 0.075 \text{ LB/CF OF AIR} = 0.75 \text{ LB/LB BURNED}$$

B. COMBUSTIBLES AND WATER VAPOR

$$\text{FROM CHART ABOVE} = 0.95 \text{ LB/LB BURNED}$$

C. TOTAL FLUE PRODUCT MASS PER LB BURNED

$$= 1.70 \text{ LB/LB BURNED}$$

SPECIFICATIONS	
PRIMARY BURNER FUEL CONSUMPTION (MMBTU/HR)	1
SECONDARY BURNER FUEL CONSUMPTION (MMBTU/HR)	1.2
ADDITIONAL SECONDARY AIR SUPPLIED (CFM)	200
SEC. CHAMBER OPERATING TEMPERATURE (°F)	1600
SECONDARY CHAMBER VOLUME (CU. FT)	96
SEC. CHAMB. CROSS-SECTIONAL AREA (SQ. FT)	2.76
FLAME PORT AREA (SQ. FT)	2.95
MIXING BAFFLES AREA (SQ. FT)	1.36

*AIR AT STANDARD CONDITIONS

3. TOTAL FLUE PRODUCTS

A. MAXIMUM PRIMARY BURNER GAS USAGE

$$1000000 \text{ BTU/HR} \times 4.8\text{E-}05 \text{ LBS/BTU} = 48 \text{ LBS/HR}$$

B. COMBUSTION AIR FOR PRIMARY BURNER

$$\frac{1000000 \text{ BTU/HR}}{100 \text{ BTU/CF AIR}} \times \frac{1}{\text{Burner}} \times 0.075 \text{ LB/CF AIR} = 750 \text{ LBS/HR}$$

C. MAXIMUM SECONDARY BURNER GAS USAGE

$$1200000 \text{ BTU/HR} \times 4.8\text{E-}05 \text{ LBS/BTU} = 58 \text{ LBS/HOUR}$$

D. COMBUSTION AIR FOR SECONDARY BURNER

$$\frac{1200000 \text{ BTU/HR} \times}{100 \text{ BTU/CF AIR}} \times \frac{1}{\text{Burner}} \times 0.075 \text{ LB/CF AIR} = 900 \text{ LBS/HOUR}$$

E. PRODUCTS FROM TYPE 0 WASTE (CONTAINER)

$$7.33 \text{ LBS/LB BURNED} \times 10 \text{ LB/HR BURN RATE} = 73 \text{ LBS/HOUR}$$

F. PRODUCTS FROM TYPE 4 WASTE (TISSUE)

$$1.70 \text{ LBS/LB WASTE} \times 165 \text{ LB/HR BURN RATE} = 281 \text{ LBS/HOUR}$$

G. ADDITIONAL SECONDARY CHAMBER COMBUSTION AIR (THROAT AIR)

$$12000 \text{ CF/HR} \times 0.075 \text{ LB/CF AIR} = 900 \text{ LBS/HOUR}$$

H. TOTAL FLUE PRODUCTS

$$= \underline{\underline{3009 \text{ LBS/HOUR}}}$$

2. VELOCITY AND TIME CALCULATIONS

A. SCFM CALCULATION

(PRODUCTS ASSUMED TO HAVE DENSITY CLOSE TO AIR)

$$3009 \text{ LBS/HR} \times \frac{13.35 \text{ STD. CU. FT/LB}}{60 \text{ MIN/HR}} = 670 \text{ SCFM}$$

B. TOTAL PRODUCTS ACFM @ 1600 °F

$$\frac{2060 \text{ °RANKINE}}{530 \text{ °RANKINE}} \times 669.6 \text{ CFM} = 2603 \text{ ACFM}$$

C. RETENTION TIME

$$\frac{96 \text{ CU. FT}}{2603 \text{ ACFM}} \times \frac{60 \text{ SECONDS}}{1 \text{ MINUTE}} = 2.21 \text{ SECONDS}$$

Process Description for Pet Cremation at Friends Cremation LLC

This document provides a step-by-step explanation of the pet cremation process at Friends Cremation LLC, detailing operational procedures, emission generation, and air pollution control measures. The process is designed to ensure respectful handling of deceased pets while minimizing environmental impact through advanced emission controls.

Step 1: Receiving and Storage

- **Description:** Upon receiving a deceased pet, it is logged and placed in a designated storage area maintained at 29°F or lower. This low temperature preserves the pet's remains, preventing decomposition until cremation can be performed.
- **Emission Considerations:** No emissions are generated during this step, as it involves only refrigerated storage.
- **Controls:** The storage unit is sealed and temperature-controlled to ensure no odors or gases escape.

Step 2: Loading into the Crematory

- **Description:** When ready for cremation, the pet is carefully transferred from storage to the crematory chamber. The crematory is pre-heated to ensure optimal operating conditions.
- **Emission Considerations:** Minimal emissions may occur during loading due to the brief opening of the crematory door. These are negligible and consist primarily of ambient air displacement.
- **Controls:** The loading process is performed quickly to minimize door-open time. The crematory is equipped with a negative pressure system to draw any potential emissions into the chamber rather than allowing them to escape.

Step 3: Cremation Process

- **Description:** The crematory operates at a minimum temperature of 1650°F to ensure complete combustion of the pet's remains. The primary burner initiates the cremation, reducing organic material to ash and gases.
- **Emission Generation:** Emissions, including particulate matter, volatile organic compounds (VOCs), carbon monoxide (CO), and other combustion byproducts, are generated as the pet's remains are incinerated. These emissions are an unavoidable result of the thermal decomposition and oxidation required to cremate the animal.

- **Why Emissions are Generated:** Cremation is necessary to respectfully process the pet's remains, reducing them to ash for return to the owner. The high temperatures ensure complete combustion, but organic material inherently produces emissions during thermal breakdown.
- **Controls:** The crematory is designed with process features to minimize emissions:
 - **High Operating Temperature:** Maintaining 1650°F or higher ensures efficient combustion, reducing incomplete combustion products like CO and VOCs.
 - **Constant Temperature Monitoring System:** Sensors continuously monitor chamber temperatures to maintain optimal conditions, preventing emission spikes due to temperature fluctuations.

Step 4: Emission Treatment in the Afterburner

- **Description:** Exhaust gases from the primary chamber pass through an afterburner (secondary combustion chamber), which operates at high temperatures to further combust residual organic compounds and particulates.
- **Emission Considerations:** The afterburner significantly reduces emissions by oxidizing remaining VOCs, CO, and fine particulates, converting them into less harmful compounds like carbon dioxide and water vapor.
- **Controls:** The afterburner is a critical pollution control device, ensuring that emissions are treated before further processing. Its high-temperature environment (typically exceeding 1800°F) enhances combustion efficiency.

Step 5: Dual Chamber Treatment

- **Description:** After the afterburner, gases pass through a dual chamber system designed to further reduce emissions. This chamber provides additional residence time and turbulence to promote complete combustion and settling of any remaining particulates.
- **Emission Considerations:** The dual chamber captures and destroys residual pollutants, minimizing the quantity and toxicity of emissions exiting the system.
- **Controls:** The dual chamber's design maximizes gas mixing and retention time, enhancing pollutant destruction. It also serves as a backup to the afterburner, ensuring robust emission control.

Step 6: Pollution Control System Activation

- **Description:** A pollution control system monitors exhaust gases for visible emissions using opacity sensors. If visible emissions are detected, the system automatically adjusts operations by cutting off the front burner and increasing throat air supply to the afterburner and dual chamber. This enhances combustion in the secondary chambers, consuming emissions before they exit.

- **Emission Considerations:** This system prevents visible emissions from reaching the atmosphere, addressing aesthetic and regulatory concerns.
- **Controls:** The automated response ensures rapid correction of emission issues, maintaining compliance with air quality standards. The increased throat air promotes turbulence and oxygen availability, improving combustion efficiency.

Step 7: Emission Release via the Stack

- **Description:** Treated gases exit the crematory through a stack, which releases emissions into the atmosphere. The stack is designed to disperse emissions at a height and velocity that minimize ground-level impacts.
- **Emission Considerations:** Any residual emissions exiting the stack are minimal due to the afterburner, dual chamber, and pollution control system. These may include trace amounts of CO₂, water vapor, and negligible particulates, all within regulatory limits.
- **Controls:** The stack's height and design comply with local regulations to ensure proper dispersion. Regular maintenance and inspections ensure no blockages or inefficiencies affect emission release.

Summary of Emission Management

- **Emission Sources:** Emissions are primarily generated during the cremation process (Step 3) due to the thermal breakdown of organic material.
- **Necessity:** Emissions are an inherent byproduct of cremation, which is essential for processing pet remains respectfully and safely.
- **Control Measures:**
 - High-temperature cremation (1650°F+) for efficient combustion.
 - Afterburner and dual chamber for secondary combustion and pollutant reduction.
 - Constant temperature monitoring to maintain optimal conditions.
 - Automated pollution control system to eliminate visible emissions.
 - Stack design for proper dispersion of minimal residual emissions.
- **Release Point:** Emissions enter the atmosphere solely through the stack after undergoing multiple treatment stages.

This process ensures that Friends Cremation LLC operates responsibly, minimizing environmental impact while providing dignified pet cremation services. All equipment is regularly maintained, and operational parameters are monitored to comply with air quality regulations.

Texas Commission on Environmental Quality

Standard Permit New Registration

Site Information (Regulated Entity)

What is the name of the site to be authorized?	kramer family texas 2
Does the site have a physical address?	Yes
Physical Address	
Number and Street	12906 Zavalla Road
City	Missouri City
State	TX
ZIP	77489
County	FORT BEND
Latitude (N) (##.#####)	
Longitude (W) (-###.#####)	
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	kramer family texas two
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	12906 Zavalla Road
City	Missouri City
State	TX
ZIP	77489
County	FORT BEND
Latitude (N) (##.#####)	
Longitude (W) (-###.#####)	
Facility NAICS Code	
What is the primary business of this entity?	

Customer (Applicant) Information

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Kramer Family Texas 2 LLC
Texas SOS Filing Number	805674627
Federal Tax ID	994544442
State Franchise Tax ID	32096470029
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	

Independently Owned and Operated?

I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.

Yes

Responsible Authority Contact

Organization Name

Kramer Family Texas 2 LLC

Prefix

First

Landon

Middle

Last

Ford

Suffix

Credentials

Title

Manager

Responsible Authority Mailing Address

Enter new address or copy one from list:

Site Physical Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 1185

Routing (such as Mail Code, Dept., or Attn:)

City

CENTERVILLE

State

UT

ZIP

84014

Phone (###-###-####)

7155057180

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

landford@live.com

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Kramer Family Texas 2 LLC

Organization Name

Kramer Family Texas 2 LLC

Prefix

MR

First

Landon

Middle

Last

Ford

Suffix

Credentials

Title

Manager

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 1185

Routing (such as Mail Code, Dept., or Attn:)

City

CENTERVILLE

State

UT

ZIP

84014

Phone (###-###-####)

7155057180

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

landford@live.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Kramer Family Texas 2 LLC

Organization Name

Kramer Family Texas 2 LLC

Prefix

CAPT

First

Landon

Middle

Last

Ford

Suffix

Credentials

Title

Manager

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 1185

Routing (such as Mail Code, Dept., or Attn:)

City

CENTERVILLE

State

UT

ZIP

84014

Phone (###-###-####)

7155057180

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

landford@live.com

Standard Permit General Information- New Reg Sites

1) Is this facility permanent or temporary?

Permanent

2) Will the proposed facility meet all of the requirements of the standard permit?

Yes

3) Select the type of unit that is being registered:

ANIMAL CARCASS INCINERATORS

3.1) Select the rule associated to the unit specified.

6009

3.2) Is the facility equal to or greater than 50 ft. from the nearest property line?

Yes

Standard Permit Attachments

Please attach one PDF with the PI-1S and all required documents to complete the project.

[File Properties]

File Name

TCEQPI-1S (1).pdf

Hash

12D6AB3A70B997D7172445BA874B995D8249428C298E55EEEE4A6EBA6A08DE307

MIME-Type

application/pdf

Confidential

No

Please attach any other necessary information needed to complete the registration.

[File Properties]

File Name	TCEQEmissions.pdf
Hash	3E70A86819478D530F7D280E50A5FAF5EF13EF324B8CE8A997C2DAA8F6112BE7
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	TCEQDescription.pdf
Hash	218B3CFFAF069A501FCBDEEEA8C85161FA13A69ECAD24BF6C507C5E2963544
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	TCEQPlotHouston.pdf
Hash	90370AE154CA52D67E8C79762F2DE89C70F474A7EFC729D8D185709E36CB2D8C
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	checklistTCEQ.pdf
Hash	BFB513119A2117E33705B52942AD2031C9679FDB45189CF5677F84E3D4826217
MIME-Type	application/pdf
Confidential	No

Expedite

Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?	No
--	----

Certification

The electronic signature below indicates that the Responsible Official has knowledge of the facts herein set forth and that the same are true, accurate, and complete to the best of my knowledge and belief. By this signature, the maximum emission rates listed on this certification reflect the maximum anticipated emissions due to the operation of this facility and all representations in this certification of emissions are conditions upon which the facilities and sources will operate. It is understood that it is unlawful to vary from these representations unless the certification is first revised. The signature certifies that to the best of the Responsible Officials knowledge and belief, the project will satisfy the conditions and limitations of the indicated exemption or permit by rule and the facility will operated in compliance with all regulations of the Texas Commission on Environmental Quality and with Federal U.S. Environmental Protection Agency regulations governing air pollution. The signature below certifies that, based on information and belief formed after reasonable inquiry, the statements and information above and contained in the attached document(s) are true, accurate, and complete. If you questions on how to fill out this form or about air quality permits. Please call (512) 239-1250. Individuals are entitled to request and review their personal information that the agency gathers on its forms.

1. I am Landon Ford, the owner of the STEERS account ER080216.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Standard Permit New Registration.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Landon Ford OWNER

Customer Number:

Legal Name:

Kramer Family Texas 2 LLC

Account Number:

ER080216

Signature IP Address:

24.10.142.85

Signature Date:

2025-09-29

Signature Hash:

9DD3F3BEC1769280B604B552F050E3E4359DC7F2F4890524E294828D8F3B0822

Form Hash Code at time of

4DD3FB3A80A6E1F8A142EDD1D99C7395347A0124522F013E9D1EBFE22A58DBF1

Signature:

Fee Payment

Transaction by:

The application fee payment transaction was made by ER080216/Landon Ford

Paid by:

The application fee was paid by LANDON FORD

Fee Amount:

\$900.00

Paid Date:

The application fee was paid on 2025-09-29

Transaction/Voucher number:

The transaction number is 582EA000686717 and the voucher number is 785225

Submission

Reference Number:

The application reference number is 820975

Submitted by:

The application was submitted by ER080216/Landon Ford

Submitted Timestamp:

The application was submitted on 2025-09-29 at 10:07:42 CDT

Submitted From:

The application was submitted from IP address 24.10.142.85

Confirmation Number:

The confirmation number is 681238

Steers Version:

The STEERS version is 6.92

Additional Information

Application Creator: This account was created by Landon Ford

**Registrations for Air Standard Permit
Form PI-1S Instructions
Texas Commission on Environmental Quality**

Table of Contents

Introduction	1
Overview.....	1
Small Business Information and Agency Contacts.....	1
Instructions for Form PI-1S.....	2
I. Registrant Information	2
II. Facility and Site Information.....	2
III. Fee Information	5
IV. Public Notice	5
V. Renewal Certification Option.....	6
VI. Technical Information Including State and Federal Regulatory Requirements.....	7
VII. Delinquent Fees and Penalties	10
VIII. Signature Requirements	10
IX. Copies of the Registration.....	10

Introduction

The primary purpose of the Form PI-1S is to provide all administrative and technical information needed by the Air Permit Division (APD) to evaluate Standard Permit applications. These instructions are intended for use by applicants and consultants to help you prepare a complete Standard Permit request. The review of your project will go faster if you provide all necessary documents and information requested in the Form PI-1S and in the Core Data Form (TCEQ No. 10400).

Note: Applicants submitting registrations for Concrete Batch Plants (6004) and Concrete Batch Plants with Enhanced Controls (6008) must submit the PI-1S-CBP available here:

www.tceq.texas.gov/permitting/air/forms/newsourcereview/nsr_sp_forms.html. It is required for these standard permit registrations received on or after September 1, 2020.

Applicants submitting registrations for the Marine Loading Operations standard permit (6021) are required to submit the PI-1S-MLO available here:

www.tceq.texas.gov/permitting/air/forms/newsourcereview/nsr_sp_forms.html.

Overview

Texas Commission on Environmental Quality (TCEQ) regulates the release of air contaminants for specific, well-characterized classes of facilities under its Standard Permits.

Standard Permit projects must meet the requirements of the specific Standard Permit. For more information about the available Standard Permits, see our web page Standard Air Permits at www.tceq.texas.gov/permitting/air/nav/standard.html. TCEQ also has an Air Quality Permitting fact sheet available to assist you in determining some of the other state or federal requirements you may need to know, found at www.tceq.texas.gov/permitting/air/guidance/permit-factsheets.html

ePermits: TCEQ now requires the use of the online TCEQ e-Services system at <https://www.tceq.texas.gov/agency/tceq-online-services> to register your standard permit, pay registration fees, and receive registrations. To use the online system, you need to have an active State of Texas Environmental Electronic Reporting System (STEERS) account. Access STEERS at www3.tceq.texas.gov/steers/. For help with ePermits refer to the TCEQ STEERS ePermits Help web page at www3.tceq.texas.gov/steers/help/epr/eprmain.html. If an attachment cannot be submitted through STEERS due to the file size of an attachment which exceeds 50 MB or a file type which is not accepted, submit through FTPS. If using FTPS, you will share files with APIRT@tceq.texas.gov for the initial submittal. Once your project has been assigned, you will share files directly with your reviewer.

Confidential files should be submitted through STEERS or the TCEQ FTPS. All pages must be marked confidential and have *confidential* in the file name. Confidential submittals must be separate from non-confidential submittals.

Small Business Information and Agency Contacts

For agency contacts, see Contact Information for Air Permit Applications (including Environmental Assistance Division) by going to the “Who to go to for specific questions on air permit applications” link at www.tceq.texas.gov/permitting/air/air_permits.html.

Instructions for Form PI-1S

These instructions are provided to assist the regulated community to accurately complete a registration request to operate under a standard permit.

I. Registrant Information

- A. Company or Other Legal Customer Name:** Registrations are claimed by either the facility owner or operator, commonly referred to as the “registrant.” List the legal name of the company, corporation, partnership, or person who is applying for the standard permit. Applicants can verify the legal name with the Texas Secretary of State at (512) 463-5555 or at <https://www.sos.state.tx.us/index.shtml>. TCEQ will also verify the legal name with the Texas Secretary of State. You may be asked to correct the name provided on the Form PI-1S, if found to be different. In some cases, we may request a copy of the legal document forming the entity to verify the legal name; for example: general partnership filed with the county.
- B. Company Official Contact Information:** Provide the name, title, mailing address, telephone number, fax number, and email address of the company official contact. The company official must not be a consultant. All correspondence and issued permit documents will be sent via email within one business day of TCEQ’s decision. Please ensure that the email address provided for the company official is the most appropriate to receive time-sensitive correspondence from TCEQ.
- C. Technical Contact Information:** Provide the name, title, company, mailing address, telephone number, fax number, and email address of the person TCEQ should contact for technical questions. This person must have the authority to make binding agreements and representations on behalf of the registrant. The technical contact may be a consultant.

II. Facility and Site Information

- A. Name and Type of Facility:** Enter the name of the facility for which the standard permit registration is being requested. The name should be descriptive and indicate the general type of operation, manufacturing process, equipment, or facility which would be authorized under the standard permit (include any numerical designation, if appropriate). The name must be descriptive and specific. Examples of acceptable names are, “Sulfuric Acid Plant” and “No. 5 Steam Boiler” Vague names such as, “Chemical Plant” and “North Process Area,” are not acceptable names. Also, check the appropriate box indicating the type of facility as either permanent or temporary. For hot mix asphalt plants, a temporary plant is limited to 180 days on site, or for the duration required to complete a single project. Hot mix asphalt plants that are expected to remain on site more than 180 days, and all rock and concrete crushers are considered permanent. Additionally, oil and gas production units are usually considered to be permanent. For portable units, please provide the serial number(s) of the equipment being authorized.
- B. Facility Location Information:** Provide the street address of the facility, if available. If there is no street address, describe the physical location with specific written directions. Identify the location by distance and direction from well-known landmarks, such as highway intersections. It is very important to also include the city and county where the facility will be located. If the address is not located in a city, then enter the city or town closest to the facility even if it is not in the same county as the facility. The county indicated must be the county where the facility is physically located. Please include the ZIP Code of the physical facility site, not the ZIP Code of the applicant’s mailing address. In some cases, TCEQ may request a map showing the location of the facility during the review of the standard permit registration.
- C. TCEQ Core Data Form:** We require that you submit a Core Data Form (TCEQ Form Number 10400) on all incoming applications unless the following are met.
 - 1. Regulated Entity and Customer Reference Numbers have been issued by TCEQ and.
 - 2. No Core data information has changed.

Note: The Core Data Form is required for Standard Permits, 6002, 6007, 6012, 6013, 6014, and 6020 without exception. Information required on the Core Data Form includes the following:

- **Customer Reference Number (CN):** This is a unique number given to each business, governmental body, association, individual, or other entity that owns, operates, is responsible for, or is affiliated with a regulated entity. We assign the CN when a Core Data Form is initially submitted.
- **Regulated Entity Number (RN):** This is a unique agency assigned number given to each person, organization, place, or thing that is of environmental interest to us and where regulated activities will occur. The RN is assigned when a Core Data Form is initially submitted, if the agency has conducted an investigation, or if the agency has issued an enforcement action. The RN replaces existing air account numbers. The RN for portable units is assigned to the unit itself, and that same RN should be used when applying for authorization at a different location.

Note: *The company and facility site information provided on the Core Data Form must be the same as provided on the Form PI-1S.*

D. TCEQ Account Identification Number: This number was assigned by TCEQ to the entire property owned or controlled by the applicant at a specific location. A typical example of an air quality account number is, JB-1234-R. Portable facilities are assigned account identification numbers which begin with a number, such as 92-1234-K. Provide your TCEQ account identification number if known.

E. Type of Action: Indicate the type of action being requested by checking the appropriate box. Check:

- *Initial Application* – if the facility has not previously been authorized by a standard permit,
- *Change to Registration* – if the facility has been previously registered, but changes or additions have occurred,
- *Renewal or Renewal Certification* – if a standard permit registration for the facility must be renewed. To determine which type of renewal the project qualifies for, see Section V Renewal Certification Option.

Provide the existing registration number and expiration date if Change to Registration, Renewal, or Renewal Certification is checked.

- F. Standard Permit Claimed:** Provide the standard permit that is being claimed. Below is a list of standard permits that can be claimed using the Form PI-1S. If the standard permit to be claimed is not listed, please check the Air Permits website for the appropriate registration or notification form at www.tceq.texas.gov/permitting/air/nav/standard.html.

Standard Permit	Description
6001	Air Quality Pollution Control Projects
6002	Oil and Gas Handling and Production Facilities
6005	Electric Generating Units
6007	Permanent Hot Mix Asphalt Plants Temporary Hot Mix Asphalt Plants
6009	Animal Carcass Incinerators
6011	Boilers
6012	Sawmills
6013	Permanent Rock and Concrete Crushers
6014	Anhydrous Ammonia Storage and Distribution Operations
6015	Dry Bulk Fertilizer Handling Operations
6016	Cotton Gin Facilities and Cotton Burr Tub Grinders
6017	Feedmills, Portable Augers, and Hay Grinders
6018	Grain Elevator/Grain Handling Operations and Portable Grain Augers
6019	Peanut-Handling Operations
6020	Temporary and Permanent Polyphosphate Blenders
6022	Natural Gas Electric Generating Units

- G. Previous Standard Exemption or Permits by Rule (PBR) Registration Number:** If this standard permit application is for a change to an existing facility previously authorized under a standard exemption or PBR, list the previous standard exemption number(s), PBR registration number(s), and the associated effective date. Also attach additional information on whether the facility still meets the previous standard exemption or PBR, or whether a new registration is required and the previous standard exemption or PBR should be voided.
- H. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit:** To properly track how this standard permit application may relate to other authorizations or compliance with TCEQ standard permit regulations, it is important to list all standard exemption number(s), PBR registration number(s), and Standard Permit registration number(s), and the associated effective date.
- I. Other Air Preconstruction Permits:** If the registration is for a site that has any other minor or federal new source review (NSR) air preconstruction permits, list all permit numbers.
- J. Affected Air Preconstruction Permits:** If the standard permit being claimed directly affects any permitted facility, list the affected preconstruction permit numbers.

K. Federal Operating Permit (FOP) Requirements (30 Texas Administrative Code (TAC) Chapter 122 Applicability): Information and guidance on applicability of 30 TAC Chapter 122 can be accessed on our Program Applicability web page at www.tceq.texas.gov/permitting/air/titlev/pro_applicability.html.

1. If this standard permit application results in an increase in the site's potential to emit and renders the site a major source as defined in 30 TAC Chapter 122, a FOP application is required. Check the appropriate box if you are submitting a General Operating Permit (GOP) or Site Operating Permit (SOP) application or revision application. Guidance on submitting these applications is available on the Guidance for Title V Operating Permits web page at www.tceq.texas.gov/permitting/air/nav/air_titlevopperm.html.
2. Identify the type(s) of FOP(s) issued for the site by checking the appropriate box. In addition, check the appropriate box if any GOP or SOP application(s) for the site, including revision applications, are currently under review.

If you have questions about the applicability of 30 TAC Chapter 122 or impact of this Form PI-1S on your existing FOP, please contact the TCEQ APD at (512) 239-1250, and ask to speak with someone in the Operating Permits Section.

III. Fee Information

Most standard permit registrations require an application fee at the time of application submittal. All fees must be paid prior to processing any standard permit authorization. All fees must be paid through STEERS.

A. Fee Amount: Review the specific standard permit you are requesting authorization for on our Standard Air Permits web page at www.tceq.texas.gov/permitting/air/nav/standard.html to determine fee requirements. Enter the fee amount paid for this registration.

B. Payment Information: Enter voucher number from ePay, if available.

IV. Public Notice

The Texas Health and Safety Code (THSC), §382.056 and corresponding rules in 30 TAC Chapter 39 (Public Notice), or the Standard Permit being claimed, may require that you publish a notice of application, or a consolidated Notice of Application and Intent to Obtain Permit and Notice of Application and Preliminary Decision. Notices must be published in a newspaper of general circulation in the municipality where the proposed facility is or will be located. The notice must include a description of the facility and the fact that a person who may be affected by emissions from the facility may submit comments about the project, request a public hearing – as applicable to the Standard Permit being claimed, or request any other information TCEQ requires by rule. Signs must also be posted around the proposed facility location – as applicable to the Standard Permit being claimed. Additional information regarding public notice such as an overview of requirements, an applicability table, and a list of some common errors that may cause re-notice and delays in processing your application can be found at www.tceq.texas.gov/permitting/air/bilingual/how1_2_pn.html.

Review the specific standard permit you are requesting authorization for on our Standard Air Permits web page at www.tceq.texas.gov/permitting/air/nav/standard.html to determine public notice requirements.

If you are unsure whether public notice applies, we encourage you to complete this section to expedite review of your application.

A. Responsible Person: A designated representative for the applicant should be identified as the person responsible for ensuring public notice is properly published in the appropriate newspaper and signs as applicable are posted at the facility site. Provide the name, title, company, mailing address, telephone number, fax number, and email address of the responsible person. This person will be contacted directly when TCEQ is ready to authorize public notice for the application. To expedite contact, email and fax numbers are requested.

- B. Technical Contact:** The THSC, §382.056 requires that each public notice contain a technical contact to represent the applicant during the public comment period. Provide the name, title, company, mailing address, telephone number, fax number, and email address of the technical contact. This person is responsible for answering any questions from the general public regarding the application and their name and phone number will be listed in the public notice. This person may or may not be the technical contact for the permit application review.
- C. Bilingual Notice:** In some cases, 30 TAC §39.405(h) or the Standard Permit being claimed requires that you publish public notice in an alternative language newspaper. The questions on the Form PI-1S are designed to assist you in determining if a bilingual notice is required. If an elementary or middle school nearest to the facility is in a school district required by the Texas Education Code to have a bilingual program, a bilingual notice will be required. If there is no bilingual program required in the school nearest the facility, but children who would normally attend those schools are eligible to attend bilingual programs elsewhere in the school district, the bilingual notice will also be required. If it is determined that alternate language notice is required, you are responsible for ensuring that the publication in the alternate language is complete and accurate in that language.
- D. Small Business Classification and Alternate Public Notice:** If a permit is being requested by a small business, the rules allow for alternative public notification requirements if all of the following are met:
- the company employs 100 people or less, or the company generates 6 million dollars or less in gross annual receipts;
 - the source is not a major stationary source under the federal operating permit requirements;
 - the site does not emit 50 tons per year or more of any individual regulated air contaminant; and
 - the site does not emit 75 tons per year or more of all regulated air contaminants combined.
- If these requirements are met, public notice does not have to include publication of the prominent (15 square inch) newspaper notice.

V. Renewal Certification Option

Renewal projects qualify for the renewal certification option if the answer is, “No,” to each of the following questions in this section. The application for renewal certification projects does not need to include the Technical Information in Section VI. Except for renewals of a registration for the Standard Permit for Pollution Control Projects or Electric Generating Units, if a new version of the applicable standard permit has been issued since the applicant’s last action, the renewal certification option is not available.

Note: If notice is applicable and comments are received in response to the public notice, the application does not qualify for the renewal certification option.

- A.** Does the permitted facility emit an air contaminant on the Air Pollutant Watch List and is the permitted facility located in an area on the watch list? The air contaminants and locations can be found on the TCEQ website at www.tceq.texas.gov/toxicology/apwl/apwl.html.
- B.** For facilities participating in the Houston/Galveston/Brazoria area (HGB) cap and trade program for highly reactive VOCs (HRVOCs), the HRVOCs need to be speciated on the maximum allowable emission rates table (MAERT). For information on the HGB area cap and trade program for HRVOCs refer to 30 TAC §115.10. If this permit authorized emission of ethylene, propylene, 1, 3-butadiene, or butenes, these emissions must be speciated on the MAERT.
- C.** Does the company and/or site have an unsatisfactory compliance history? The compliance history rating for the company and the site can be found on the TCEQ website at www2.tceq.texas.gov/oce/ch/index.cfm by entering the regulated entity number or customer name.

- D. Are there any applications currently under review for this standard permit registration?
- E. Are planned maintenance, startup, or shutdown emissions required to be included in the standard permit registration at this time?
- F. Are any of the following actions being requested at this time? For more information regarding changes to representations refer to 30 TAC §116.615.
 - Are there any facilities that have been permanently shutdown that are proposed to be removed from the standard permit registration?
 - The following can result in changes to the standard permit registration:
 - Changes to representations at the site
 - Emissions factors changes for any source
 - Emissions calculation methodology changes for any source

A newer version of Compilation of Air Pollutant Emission Factors (AP-42) has been adopted with new emission factors (AP-42 can be found at www.epa.gov/air-emissions-factors-and-quantification/ap-42-compilation-air-emission-factors)

As a result, do changes need to be made to the standard permit registration in order to remain in compliance?
 - Are sources or facilities that have always been present and represented, but never identified in the standard permit registration, proposed to be included with this renewal?
 - Are there any changes to the current emission rates table being proposed?

VI. Technical Information Including State and Federal Regulatory Requirements

If any of the technical information below is not included with this submittal, it may result in a deficiency and voiding of the project. Additionally, any essential information (lab analysis, NAAQS compliance demonstrations, etc.) that is needed to confirm that facilities are meeting the requirements of the standard permit, must also be included. Attachments should include detailed demonstrations of compliance with all requirements.

A. Standard Permit Requirements: you must demonstrate compliance with the following, or provided detailed information for why any requirement is not applicable:

- General requirements in 30 TAC §§116.610 and 116.615,
- Emission limitations¹ of 30 TAC §106.261 or 30 TAC §106.262, and
- Individual requirements of the specific standard permit.

To assist you with preparing technical information, review our Air Quality Standard Permits General Requirements Checklist (TCEQ Form 20335) available on our Forms Search web page at www.tceq.texas.gov/search_forms.html. Use of the checklist is optional; however, your review will go faster if you supply this checklist.

B. Confidential Information: THSC, §382.041 requires us not to disclose any information related to manufacturing processes that is marked Confidential. Mark any information related to secret or proprietary processes or methods of manufacture as “Confidential,” if you do not want this information in the public file. All confidential information should be separated from the standard permit application and submitted as a separate file within the same submittal. Additional information regarding confidential information can be found at www.tceq.texas.gov/permitting/air/confidential.html.

¹ Unless specified by a particular standard permit, any project which results in a net increase of emissions of air contaminants from the project other than carbon dioxide, water, nitrogen, methane, ethane, hydrogen, oxygen, or those for which a National Ambient Air Quality Standard (NAAQS) has been established must meet the emission limitations of 30 TAC §106.261 or 30 TAC §106.262.

- C. Process Flow Diagram:** Provide a process flow diagram so that the permit reviewer can verify all technical information regarding the affected facility. The process flow diagram should be sufficiently descriptive so the permit reviewer can determine the raw materials to be used in the process; all major processing steps and major equipment items; individual emission points associated with each process step; the location and identification of all emission abatement devices; and the location and identification of all waste streams (including wastewater streams that may have associated air emissions). Block flow diagrams generally are not sufficient except for very simple facilities such as boilers.

Alternate material flows and changes in routing of emissions during periods of planned maintenance, startup, and shutdown (MSS) should be depicted as well as any alternate emission control devices that will be used during these periods.

- D. Process Description:** Provide a process description to accompany the process flow diagram that discusses each step in the process and provides a step-by-step explanation of exactly how your business operates. The description should lead the permit reviewer through the process with emphasis on where the emissions are generated, why the emissions must be generated, what air pollution controls are used (including process design features that minimize emissions), and where the emissions enter the atmosphere.

The process description must also explain how the facility or facilities will be operating when the maximum possible emissions are produced. For some source types, this will probably be the highest production rate. For other source types, the maximum emission rates may occur at partial load. When applicable, discuss cycle times, reaction times, temperatures, pressures, material flow rates, and production rates. Be specific, and do not use generalities such as a small amount, sometimes, and occasionally opened. The process description must also include how the facility is operated during periods of planned MSS and what emission reduction techniques will be used to limit emissions, changes in character of emissions, and the frequency and duration of each type of planned MSS activity.

All information in the process description is an enforceable representation.

- E. Maximum Emissions Data and Calculations:** Represent the maximum hourly and total annual emission rates of the project, including emission rates for planned MSS facilities and related activities. You must also provide a demonstration of expected continuous compliance with the represented emission rates.

Note: submittal of a Table 1(a) for standard permits is not required; however, your review will go faster if you supply the Table 1(a), which is available at www.tceq.texas.gov/permitting/air/forms/newsourcereview/tables/nsr_table1.html.

The permit reviewer must be able to duplicate all emission calculations to verify and confirm emissions data and rates represented in the application. Supporting calculations and the technical bases for the emission rates are required. Include all emission rates calculations and any assumptions made in determining the emission rates.

List and discuss planned MSS activities separately. Provide emission rates and supporting emissions information from planned MSS activities, frequency, and duration of all planned MSS activities, and all planned MSS activity effects on emission rates. Additionally, note all emission points unique to MSS activities. Maximum hourly emission rates, in pounds per hour, from planned MSS should be based on the maximum rates expected from the MSS activities. Annual planned MSS emission rates, in tons per year, should be based on the number of expected MSS activities during any consecutive 12-month period.

Maximum hourly emission rates, in pounds per hour, should be based on the maximum (design) production capacity of the facility. Dividing the annual emissions in tons per year by the annual hours of operation in order to determine hourly emissions in pounds per hour is often unacceptable and inaccurate since this approach typically underestimates hourly emissions.

Maximum annual emission rates, in tons per year, should reflect the operation of the facility throughout any consecutive 12-month period with consideration given to future facility growth.

Include a discussion of the hours of operation and how the hours of operation relate to emission rates on an hourly and annual basis.

If the process is a non-continuous batch operation, or there are widely varying operating scenarios, clearly identify and account for the variations in emissions in the maximum hourly and annual emission rates. Supply additional information to describe the emission variations, particularly for emissions from MSS facilities and related activities.

Include emission rate information for each air contaminant during production operations and during periods of planned MSS. Contaminants must be specifically identified. For example: methanol rather than hydrocarbons or polter/styrene resin dust and iron dust rather than dust. Provide applicable Material Safety Data Sheets (MSDS), Safety Data Sheets (SDS), Air Quality Data Sheets, or equivalent supporting documents that provide complete speciation for all mixtures that contain potential air contaminants.

If spreadsheets are used to estimate emissions, they should be formatted such that they are clear and easy to follow and include example calculations with units and the data sources for the inputs. The permit reviewer may request an electronic version of the spreadsheet to verify the emission calculations are correct.

- F. Plot Plan:** Provide a plot plan that clearly shows a scale, a north arrow, all property lines, emission points, buildings, tanks, process vessels, other process equipment, and two benchmark locations (preferably UTM coordinates). If you submit the plot plan electronically, the preferred format to use is *.dxf or *.dwg or any other computer aided drawing (CAD) format. Labeling on the plot plan listing identification of emission points, buildings, tanks, etc., must be consistent with other representations in the permit application such as emission calculations, process flow diagrams, Table 1(a), air dispersion modeling (if any), other permitting representations, and the TCEQ Emissions Inventory, if required.

Note: All emission points on the affected property must be identified, including emission points approved in other air authorizations (e.g., NSR permits, Standard Permits, PBRs, Standard Exemptions, and Title V Operating Permits). Please provide a table of all emission points that identifies the authorization type and authorization identifier, such as a permit number or rule citation under which each emission point is currently authorized.

- G. Projected Start of Construction Date, Projected Start of Operation Date, and Length of Time at the Site:** Provide the projected start of construction date, projected start of operation date, and the length of time the facility has been located at the site.

Note: Construction is broadly interpreted as anything other than site clearance or site preparation. Activities such as land clearing, soil load-bearing tests, leveling of the area, sewers and utility lines, road building, power line installation, fencing, and construction shack building are considered site clearance or preparation. Equipment may be received at a plant site and stored, provided no attempt is made to assemble the equipment or connect it to any electrical, plumbing, or other utility system. All work, such as excavation, form erection, or foundations upon which facilities will rest is considered construction. Submit any questions regarding the definition of start of construction to airperm@tceq.texas.gov with copies to the appropriate TCEQ regional office and any local air pollution control program(s) having jurisdiction. Each request for clarification must be in writing with sufficient detail to identify the specific activity in question, and the agency response to this request must be in writing for the authorization to be valid. Additional information can be found at www.tceq.texas.gov/permitting/air/newsourcereview/before.html.

VII. Delinquent Fees and Penalties

We will not process your application until all delinquent fees and applicable penalties owed to TCEQ or the Office of the Attorney General on behalf of TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol. More information regarding delinquent fee and penalties can be found at www.tceq.texas.gov/agency/financial/fees/delin/index.html.

VIII. Signature Requirements

The Company Official identified in Section I.B. must sign all copies of the application. The applicant's consultant cannot sign the application. If this project has a capital cost of more than \$2,000,000.00, this application must be submitted under seal of a Registered Texas Professional Engineer (P.E.) or the appropriate exemption must be claimed pursuant to the Texas Engineering Practice Act.

The Company Official's signature confirms knowledge of the facts included in the application, and affirms the facts contained in the application are true and correct. The signature also signifies awareness that intentionally or knowingly making false statements or representations in the application is a criminal offense subject to criminal penalties.

Note: Signatures must be original and in ink. Signatures may not be reproduced by photocopy, fax, or other means. The original signature must be received before any permit is issued.

Applicants may check application receipt and status using the New Source Review Air Permits web page at www2.tceq.texas.gov/airperm/index.cfm?fuseaction=airpermits.start. For questions relating to the initial receipt and administrative review of the application, please contact the Air Permits Initial Review Team at (512) 239-1250.

IX. Copies of the Registration

The Form PI-1S application must be submitted through ePermits. No additional copies need to be sent to the Regional Office or local Air Pollution Control Program(s). The link to ePermits can be found here: www3.tceq.texas.gov/steers/.

A copy must also be maintained on-site. For sites that normally operate unattended, a copy must be maintained at an office within Texas that has operational control of the site.

Also, all *subsequent* correspondence should be copied to the TCEQ regional office and local air pollution control program(s), as appropriate. Do not attach a copy of Form PI-1S to subsequent correspondence unless specifically requested, as this may cause another registration file to be created. Indicate the assigned TCEQ registration number, TCEQ regulated entity number, and permit reviewer, if known, on all subsequent correspondence.

Form PI-1S
Registrations for Air Standard Permit
(Page 1)
Texas Commission on Environmental Quality

I. Registrant Information
A. Company or Other Legal Customer Name: Friends Cremation LLC
B. Company Official Contact Information: ☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other: _____
Name: Landon Ford
Title: Manager
Mailing Address: PO Box 1185
City: Centerville
State: UT
ZIP Code: 84014
Telephone Number: 7155057180
Fax Number:
Email Address: LandFord@Live.com
<i>All permit correspondence will be sent via email.</i>
C. Technical Contact Information ☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other: _____
Name: Landon Ford
Title: Manager
Company Name: Friends Cremation LLC
Mailing Address: 12906 Zavalla Road
City: Houston
State: TX
ZIP Code: 77085

Form PI-1S
Registrations for Air Standard Permit
(Page 2)
Texas Commission on Environmental Quality

I. Registrant Information (<i>continued</i>)
C. Technical Contact Information (<i>continued</i>)
Telephone Number: 7155057180
Fax Number:
Email Address: LandFord@Live.com
II. Facility and Site Information
A. Name and Type of Facility
Facility Name: FriendsCremation
Type of Facility: ☒ Permanent ☐ Temporary
For portable units, please provide the serial number of the equipment being authorized below.
Serial No(s):
B. Facility Location Information
Street Address: 12906 Zavalla Road
If there is no street address, provide written driving directions to the site and provide the closest city or town, county, and ZIP code for the site (attach description if additional space is needed).
City: Houston
County: Fort Bend
ZIP Code: 77085
C. Core Data Form (required for Standard Permits 6006, 6007, and 6013).
Is the Core Data Form (TCEQ Form 10400) attached? ☐ Yes ☒ No
Customer Reference Number (CN):
Regulated Entity Number (RN):
D. TCEQ Account Identification Number (if known):

Form PI-1S
Registrations for Air Standard Permit
(Page 3)
Texas Commission on Environmental Quality

II. Facility and Site Information (*continued*)

E. Type of Action

- ☒ Initial Application
☐ Change to Registration
☐ Renewal
☐ Renewal Certification

For Change to Registration, Renewal, or Renewal Certification actions provide the following:

Registration Number:

Expiration Date:

F. Standard Permit Claimed: Yes

G. Previous Standard Exemption or PBR Registration Number:

Is this authorization for a change to an existing facility previously authorized under a standard exemption or PBR?

☐ Yes ☒ No

If "Yes," enter previous standard exemption number(s) and PBR registration number(s) and associated effective date in the spaces provided below.

Standard Exemption Number(s):

PBR Registration Number(s):

H. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit

Are there any other facilities at this site that are authorized by an Air Standard Exemption, PBR, or Standard Permit?

☒ Yes ☐ No

If "Yes," enter standard exemption number(s), PBR registration number(s), Standard Permit Registration Number(s), and associated effective date in the spaces provided below.

Standard Exemption Number(s):

PBR Registration Number(s): Ref 662774, 567974, 421442

Standard Permit Registration Number(s):

Form PI-1S
Registrations for Air Standard Permit
(Page 4)
Texas Commission on Environmental Quality

II. Facility and Site Information (<i>continued</i>)
I. Other Air Preconstruction Permits
Are there any other air preconstruction permits at this site? ☐ Yes☒ No
If "Yes," enter permit number(s) in the spaces provided below.
J. Affected Air Preconstruction Permits
Does the standard permit directly affect any permitted facility? ☐ Yes☒ No
If "Yes," enter permit number(s) in the spaces provided below.
K. Federal Operating Permit (FOP) Requirements
Is this facility located at a site that is required to obtain a FOP pursuant to 30 TAC Chapter 122? ☐ Yes☒ No☐ To Be Determined
Check the requirements of 30 TAC Chapter 122 that will be triggered if this standard permit is approved (<i>check all that apply</i>). ☐ Initial Application for a FOP ☐ Significant Revision for a SOP ☐ Minor Revision for a SOP ☐ Operational Flexibility/Off Permit Notification for a SOP ☐ Revision for a GOP ☐ To be Determined ☒ None
Identify the type(s) of FOP issued and/or FOP application(s) submitted/pending for the site. (<i>check all that apply</i>) ☐ SOP ☐ SOP application/revision (submitted or under APD review) ☐ GOP ☐ GOP application/revision (submitted or under APD review) ☒ N/A

Form PI-1S
Registrations for Air Standard Permit
(Page 5)
Texas Commission on Environmental Quality

III. Fee Information (go to www.tceq.texas.gov/epay to pay online)
A. Fee Amount:
B. Voucher number from ePay:
IV. Public Notice (if applicable)
A. Responsible Person
☐ Mr.
☐ Mrs.
☐ Ms.
☐ Other: _____
Name: Landon Ford
Title: Manager
Company: Friends Cremation LLC
Mailing Address: PO Box 1185
City: Centerville
State: UT
ZIP Code: 84014
Telephone No.: 7155057180
Fax No.:
Email Address: LandFord@Live.com
B. Technical Contact
☒ Mr.
☐ Mrs.
☐ Ms.
☐ Other: _____
Name: Landon Ford
Title: Manager
Company: Friends Cremation LLC
Mailing Address: PO Box 1185
City: Centerville
State: UT
ZIP Code: 84014

Form PI-1S
Registrations for Air Standard Permit
(Page 6)
Texas Commission on Environmental Quality

IV. Public Notice (if applicable)
B. Technical Contact
Telephone Number: 7155057180
Fax Number:
Email Address: LandFord@Live.com
C. Bilingual Notice
Is a bilingual program required by the Texas Education Code in the School District? ☐ Yes ☒ No
Are the children who attend either the elementary school or the middle school closest to your facility eligible to be enrolled in a bilingual program provided by the district? ☐ Yes ☒ No
If "Yes," list which language(s) are required by the bilingual program below? Language(s): _____ Language(s): _____
D. Small Business Classification and Alternate Public Notice
Does this company (including parent companies and subsidiary companies) have fewer than 100 employees or less than \$6 million in annual gross receipts? ☒ Yes ☐ No
Is the site a major source under 30 TAC Chapter 122, Federal Operating Permit Program? ☐ Yes ☒ No
Are the site emissions of any individual regulated air contaminant equal to or greater than 50 tpy? ☐ Yes ☒ No
Are the site emissions of all regulated air contaminant combined equal to or greater than 75 tpy? ☐ Yes ☒ No

Form PI-1S
Registrations for Air Standard Permit
(Page 7)
Texas Commission on Environmental Quality

V. Renewal Certification Option
A. Does the permitted facility emit an air contaminant on the Air Pollutant Watch List, and is the permitted facility located in an area on the watch list? ☐ Yes ☒ No
B. For facilities participating in the Houston/Galveston/Brazoria area (HGB) cap and trade program for highly reactive VOCs (HRVOCs), do the HRVOCs need to be speciated on the maximum allowable emission rates table (MAERT)? ☐ Yes ☐ No
C. Does the company and/or site have an unsatisfactory compliance history? ☐ Yes ☒ No
D. Are there any applications currently under review for this standard permit registration? ☐ Yes ☐ No
E. Are scheduled maintenance, startup, or shutdown emissions required to be included in the standard permit registration at this time? ☐ Yes ☐ No
F. Are any of the following actions being requested at the time of renewal: ☐ Yes ☐ No
1. Are there any facilities that have been permanently shut down that are proposed to be removed from the standard permit registration? ☐ Yes ☐ No
2. Do changes need to be made to the standard permit registration in order to remain in compliance? ☐ Yes ☐ No
3. Are sources or facilities that have always been present and represented, but never identified in the standard permit registration, proposed to be included with this renewal? ☐ Yes ☐ No
4. Are there any changes to the current emission rates table being proposed? ☐ Yes ☐ No
<i>Note: If answers to all of the questions in Section V. Renewal Certification Option are "No," use the certification option and skip to Section VII. of this form. If the answers to any of the questions in Section V. Renewal Certification Option are "Yes," the certification option cannot be used.</i>
*If notice is applicable and comments are received in response to the public notice, the application does not qualify for the renewal certification option.

Form PI-1S
Registrations for Air Standard Permit
(Page8)
Texas Commission on Environmental Quality

VI. Technical Information Including State and Federal Regulatory Requirements
Place a check next to the appropriate box to indicate what you have included in your submittal. <i>Note: Any technical or essential information needed to confirm that facilities are meeting the requirements of the standard permit must be provided. Not providing key information could result in an automatic deficiency and voiding of the project.</i>
A. Standard Permit requirements (Checklists are optional; however, your review will go faster if you provide applicable checklists.)
Did you demonstrate that the general requirements in 30 TAC §§116.610 and 116.615 are met? ☒ Yes ☐ No
Did you demonstrate that the individual requirements of the specific standard permit are met? ☒ Yes ☐ No
B. Confidential Information (All pages properly marked "CONFIDENTIAL"). ☐ Yes ☒ No
C. Process Flow Diagram. ☒ Yes ☐ No
D. Process Description. ☒ Yes ☐ No
E. Maximum Emissions Data and Calculations. ☒ Yes ☐ No
F. Plot Plan. ☒ Yes ☐ No
G. Projected Start of Construction Date, Start of Operation Date, and Length of Time at Site: ☒ Yes ☐ No
Projected Start of Construction (provide date): December 1, 2025
Projected Start of Operation (provide date): December 5, 2025
Length of Time at the Site: 3 Years

Form PI-1S
Registrations for Air Standard Permit
(Page 9)
Texas Commission on Environmental Quality

VII. Delinquent Fees and Penalties

This form **will not be processed** until all delinquent fees and/or penalties owed to TCEQ or the Office of the Attorney General on behalf of TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at:
www.tceq.texas.gov/agency/financial/fees/delin/index.html

VIII. Signature Requirements

The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7; the Texas Health and Safety Code (THSC), Chapter 382, the Texas Clean Air Act (TCAA) the air quality rules of the Texas Commission on Environmental Quality; or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I understand my signature indicates that this application meets all applicable nonattainment, prevention of significant deterioration, or major source of hazardous air pollutant permitting requirements. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties.

Name (printed): Landon Ford

Signature (original signature required): 

IX. Copies of the Registration

The Form PI-1S application must be submitted through ePermits. No additional copies need to be sent to the Regional Office or local Air Pollution Control Program(s). The link to ePermits can be found here:
www3.tceq.texas.gov/steers/.