

Texas Commission on Environmental Quality
PBR New Registration

Site Information (Regulated Entity)

What is the name of the site to be authorized?	USDA-ARS-Southern Plains Agricultural Research Center
Does the site have a physical address?	Yes
Physical Address	
Number and Street	2881 F AND B RD
City	COLLEGE STATION
State	TX
ZIP	77845
County	BRAZOS
Latitude (N) (##.#####)	30.618174
Longitude (W) (-###.#####)	-96.362071
Primary SIC Code	8733
Secondary SIC Code	
Primary NAICS Code	541715
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100668763
What is the name of the Regulated Entity (RE)?	RESEARCH FACILITY
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	2881 F AND B RD
City	COLLEGE STATION
State	TX
ZIP	77845
County	BRAZOS
Latitude (N) (##.#####)	
Longitude (W) (-###.#####)	
Facility NAICS Code	541710
What is the primary business of this entity?	

Customer (Applicant) Information

How is this applicant associated with this site?	Operator
What is the applicant's Customer Number (CN)?	CN600376750
Type of Customer	Federal Government
Full legal name of the applicant:	
Legal Name	United States Department of Agriculture Agricultrure Research Service
Texas SOS Filing Number	

Federal Tax ID	72056483
State Franchise Tax ID	
State Sales Tax ID	
Local Tax ID	
DUNS Number	960721348
Number of Employees	21-100
Independently Owned and Operated?	No
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	United States Department of Agriculture Agricultrure Research Service
Prefix	
First	Mark
Middle	
Last	Buxkemper
Suffix	
Credentials	
Title	Facility Manager
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2881 F AND B RD
Routing (such as Mail Code, Dept., or Attn:)	
City	COLLEGE STATION
State	TX
ZIP	77845
Phone (###-###-####)	9792609262
Extension	
Alternate Phone (###-###-####)	9794125449
Fax (###-###-####)	
E-mail	Mark.Buxkemper@usda.gov

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	USDA ARS Southern Plains Agricultural Research Center
Prefix	MR
First	Mark
Middle	
Last	Buxkemper

Suffix	
Credentials	
Title	Facility Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2881 F AND B RD
Routing (such as Mail Code, Dept., or Attn:)	
City	COLLEGE STATION
State	TX
ZIP	77845
Phone (###-###-####)	9792609262
Extension	
Alternate Phone (###-###-####)	9794125449
Fax (###-###-####)	
E-mail	Mark.Buxkemper@usda.gov

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	CN600376750, United States Department of Agriculture Agriculture Research Service
Organization Name	United States Department of Agriculture Agricultural Research Service
Prefix	MR
First	Mark
Middle	
Last	Buxkemper
Suffix	
Credentials	
Title	Facility Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	2881 F AND B RD
Routing (such as Mail Code, Dept., or Attn:)	
City	COLLEGE STATION
State	TX
ZIP	77845
Phone (###-###-####)	9792609262
Extension	
Alternate Phone (###-###-####)	9794125449
Fax (###-###-####)	

E-mail

Mark.Buxkemper@usda.gov

PBR General Information - New Sites

1) To determine fee amount does this business qualify as a small business, non-profit organization, or small government entity?	No
2) Are there any other registered air authorizations at this site?	Yes
2.1. Please list any PBRs, Standard Permits, Air Pre-Construction Permits, and/or Standard Exemptions at this site.	PBR49453 two pathological waste incinerators that will be replaced with two new units
2.2. Does the current project being registered directly affect any of the permitted facilities listed above?	Yes
2.2.1. If "Yes" to the previous question, enter the affected permit number(s)	PBR 49453
3) Is this project located at a major site?	No
4) Does this registration require certification or is certification being submitted voluntarily?	No
5) Is the facility in compliance with all PBRs claimed?	Yes
6) Is the facility in compliance with all other applicable state/federal rules and regulations?	Yes
7) Is the facility in compliance with all applicable distance requirements?	Yes

Section 1 Rule Selection

Rule#: 1

Select the type of unit that is being registered.	PATHOLOGICAL WASTE INCINERATORS
Select the rule(s) associated to the unit specified.	106.494

106.494 Rule Compliance

1) Is this authorization request to permit a commercial incinerator that accepts animal carcasses generated off-site for monetary compensation?	No
2) Will the manufacturer's rated capacity (burn rate) be 200 pounds per hour (lbs/hr) or less?	Yes
3) Will the incinerator be a dual-chamber design?	Yes
4) Are burners located in each chamber, sized to manufacture's specifications, and operated as necessary to maintain the minimum required temperature at all times according to § 106.494(1)(D) or § 106.494(1)(E)?	Yes
5) Will crematories be used for the sole purpose of cremation of human remains, embryonic and fetal tissue remains, as well as the umbilical cord, placenta, gestational sac, blood, or body fluids in accordance with THSC, § 697.004, and appropriate containers?	No
5.1. Will the second chamber of the incinerator be designed to maintain a temperature of at least 1,600	Yes

degrees Fahrenheit and a gas residence time of at least a 0.5 second?	
6) Will there be any obstructions to stack flow when the incinerator is operated other than devices that are designed to automatically open when the incinerator is operated?	No
7) Will the manufacturer's recommended operating instructions be posted at the unit and will the unit be operated in accordance with these instructions?	Yes
8) Will the opacity of emissions from the incinerator exceed 5.0% averaged over a six-minute period?	No
9) What type of fuel will be used to operate the incinerator?	Sweet Natural Gas
10) Will the incinerator be used to dispose of only pathological waste, embryonic and fetal tissue remains, and/or carcasses?	Yes

106.4 Rule Compliance

1) What are the annual VOC emissions in tons per year (tpy) for this registration?	1
2) What are the total annual SO2 emissions in tpy for this registration?	1
3) What are the total annual NOx emissions in tpy for this registration?	1
4) What are the total annual CO emissions in tpy for this registration?	1
5) What are the total annual PM emissions in tpy for this registration?	1
6) What are the total annual PM10 emissions in tpy for this registration?	1
7) What are the total annual PM2.5 emissions in tpy for this registration?	1
8) What are the total annual H2S emissions in tpy for this registration?	1
9) What are the total annual HAP emissions in tpy for this registration?	1

PBR Attachments

Please attach one PDF with all required documents to complete the project.

[File Properties]	
File Name	Binder1.pdf
Hash	67C2A10951E5D3DD0134CA6C5D4D8D001807A8233465067FF0C173F1FE58E25D
MIME-Type	application/pdf
Confidential	No

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

Expedite

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

The signature below indicates to the best of my knowledge that the information submitted is true and complete, and that I have signature authority to submit this application on behalf of the regulated entity.

- 1. I am Mark A Buxkemper, the owner of the STEERS account ER016807.
- 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 PBR New Registration.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OPERATOR Signature: Mark A Buxkemper OPERATOR

Account Number:	ER016807
Signature IP Address:	128.194.207.5
Signature Date:	2020-02-06
Signature Hash:	6A49F2FA0309A1C0610A455CB83850056A7F201AAC7E933F72A01FF90D5E7C6A
Form Hash Code at time of Signature:	7DAA6AFBA4A0A4D7A5E7EB0F41BECB8AB58C14211EF3EBED94F7BC7483F94D51

Fee Payment

Transaction by:	The application fee payment transaction was made by ER016807/Mark A Buxkemper
Paid by:	The application fee was paid by MARK BUXKEMPER
Fee Amount:	\$450.00
Paid Date:	The application fee was paid on 2020-02-06
Transaction/Voucher number:	The transaction number is 582EA000377165 and the voucher number is 452669

Submission

Reference Number:	The application reference number is 342508
Submitted by:	The application was submitted by ER016807/Mark A Buxkemper

Submitted Timestamp:	The application was submitted on 2020-02-06 at 09:30:06 CST
Submitted From:	The application was submitted from IP address 128.194.207.5
Confirmation Number:	The confirmation number is 294140
Steers Version:	The STEERS version is 6.29

Additional Information

Application Creator: This account was created by Mark A Buxkemper